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August 10, 2020

Ms. Jan Zimmerman, PG
Ms. Shelby Barker PG, CHG
Ms. Amanda Lopez, PG
California Regional Water Quality Control Board, Lahontan Region
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Victorville, California 92394

Subject: Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results, Site-wide Groundwater Monitoring Program, Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Dear Ms. Zimmerman, Ms. Barker, and Ms. Lopez:

Enclosed are the Second Quarter (April through June 2020) groundwater monitoring and domestic well sampling results for the Site-wide Groundwater Monitoring Program (GMP) for the Pacific Gas and Electric Company (PG&E) Hinkley Site (the site; Global Identification No. SL0607111288). This Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results Report (report) is being submitted in accordance with the California Regional Water Quality Control Board, Lahontan Region (Water Board) Cleanup and Abatement Order No. R6V-2015-0068[1] (2015 CAO) dated November 4, 2015.

PG&E plans to evaluate chromium concentrations in the Upper Aquifer throughout the Hinkley and Water Valleys as part of the background studies with the Technical Working Group, which includes the Water Board, United States Geological Survey, Community Advisory Committee, and Independent Review Panel. Further updates to the assessment of the nature and distribution of chromium will be forthcoming as the background study continues.

[1] Water Board. 2015. Cleanup and Abatement Order R6V-2015-0068 Requiring Pacific Gas and Electric Company (PG&E) to Clean Up and Abate Waste Discharges of Total and Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit, for PG&E Compressor Station, Hinkley, San Bernardino County. November 4.

I certify, under penalty of perjury, in conformance with the laws of the State of California, that this report is true, complete, and accurate, to the best of my knowledge.

Please call me at (415) 314-8530 if you have any questions regarding this report.

Sincerely,

Iain Baker
Hinkley Remediation Project Manager

Enclosure: Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results, Site-wide Groundwater Monitoring Program, Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

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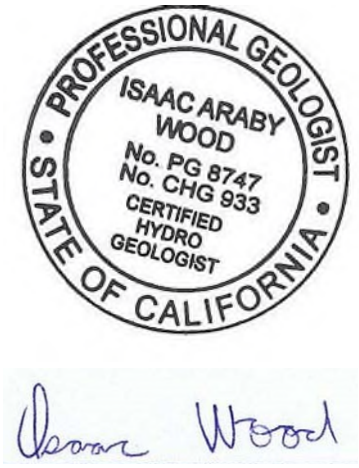
Pacific Gas and Electric Company

SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL SAMPLING RESULTS

Site-wide Groundwater Monitoring Program
Hinkley Compressor Station
Hinkley, California

August 10, 2020

This report was prepared under the supervision of the following California Registered professional



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SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL SAMPLING RESULTS

Site-wide Groundwater Monitoring Program
Hinkley Compressor Station
Hinkley, California

Prepared for:

California Regional Water Quality Control Board
Lahontan Region

On behalf of:

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EXECUTIVE SUMMARY

This Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results presents results of groundwater sampling completed during the Second Quarter of 2020 as part of the Site-wide Groundwater Monitoring Program (GMP) and Domestic Well Sampling Program (DWSP). These programs are associated with the groundwater chromium plume at and near the Pacific Gas and Electric Company (PG&E) Hinkley Compressor Station (the site) located in Hinkley, California.

The GMP is being conducted in compliance with a Cleanup and Abatement Order (CAO) issued by the California Regional Water Quality Control Board, Lahontan Region (Water Board). The current GMP was established in CAO No. R6V-2015-0068 (2015 CAO; Water Board 2015b), issued on November 4, 2015. The DWSP was also revised in the 2015 CAO, and the sampling frequency is further modified annually (Arcadis 2017a, 2017b, 2018a, 2018b, 2019a; Water Board 2017a, 2018a, 2019a, 2020). The sampling frequency changes implemented are documented in the Four-Year Comprehensive Cleanup Status and Effectiveness Report (2016 to 2019) Appendix C (Arcadis 2020c). Sampling and reporting for the Second Quarter of 2020 GMP and DWSP events were conducted in accordance with the 2015 CAO and the revised sampling frequencies.

Second Quarter of 2020 Groundwater Monitoring

During the Second Quarter of 2020, groundwater samples were collected from 368 wells (including water supply wells, extraction wells, and remediation performance monitoring wells) and 34 domestic and other private supply wells in response to the sampling requirements of the 2015 CAO and other site-wide monitoring programs. All samples were analyzed for hexavalent chromium (Cr[VI]) and/or total chromium (Cr[T]), as appropriate. Samples collected from select monitoring wells were also analyzed for constituents other than Cr(VI) and Cr(T) (e.g., nitrate) for other monitoring purposes. Groundwater levels in both the Upper Aquifer (UA) and Lower Aquifer (LA) were measured to assess groundwater gradient and flow directions.

For the purposes of site-wide groundwater monitoring and reporting, the groundwater monitoring wells were subdivided and classified into the following three aquifer zones: the shallow zone of the UA, the deep zone of the UA, and the LA.

Chromium Monitoring Results

The chromium sampling results from the Second Quarter of 2020 were used to update the site-wide GMP chromium distribution figures for the UA and LA (Figures 5-1 through 5-5). The Second Quarter of 2020 chromium plume outlines for the UA are compared with those from the First Quarter of 2020 on Figure 5-6 and are discussed in Section 5.4. In general, the Second Quarter of 2020 chromium plume outlines were similar to those defined by the First Quarter of 2020 concentrations with the following exceptions.

- The 3.1/3.2 microgram per liter (µg/L) chromium isoconcentration contour was retracted in the following areas due to concentration decreases:
  - Vicinity of MW-110S on the eastern plume boundary along Acacia Street
  - MW-68D on the plume boundary on western Alcudia Road

  - In the vicinity of SC-MW-06D, SC-MW-05D, and SC-MW-04D located along the eastern plume boundary (south of Frontier Road)
  - On the southern portion of the continuous plume (SA-SM-08D) near the compressor station.
- The 3.1/3.2 µg/L chromium isoconcentration contour was expanded in the vicinity of EX-35 in the northern portion of the contiguous plume.
- In the northern disputed plume area, the 3.1/3.2 µg/L contour was retracted at MW-106S and MW-113S1 due to concentration decreases.
- North, west, and east of the contiguous plume, isolated 3.1/3.2 µg/L contours were added around wells MW-105S, MW-153S, MW-203D, and MW-214S due to Cr(VI) and/or Cr(T) levels exceeding the contouring thresholds.

In accordance with the 2015 CAO, sampling in monitoring or domestic wells located southwest of the Lockhart Fault or east of Dixie Road is not required for plume contouring. Monitoring wells in these areas were not sampled during the current quarter. Sampling at domestic wells 30E-01, 30E-12, and BGS-48 continued in accordance with Board Order R6V-2014-0023 (Agricultural Treatment Unit [ATU] waste discharge requirements [WDRs]; Water Board 2014).

Domestic Well Sampling Program

During the Second Quarter of 2020, 34 domestic and other private supply wells were sampled as part of the DWSP. Two of these wells sampled (23-30 and 28N-05) exhibited concentrations of Cr(VI) and/or Cr(T) exceeding 3.1 and 3.2 µg/L, respectively.

PGE-owned well 23-30 is located south of Thompson Road, between Summerset and Mountain View Roads. This well was resampled during the Second Quarter of 2020 in accordance with the 2015 CAO because the Cr(VI) and Cr(T) difference was greater than 1 µg/L. Cr(VI) and Cr(T) concentrations in well 23-30 were 3.0 µg/L and 4.1 µg/L, respectively, during the April sampling event and 3.2 µg/L and 3.0, respectively, during the May resampling event.

Well 28N-05 is located in the northern portion of the DWSP area in Water Valley, west of Hinkley Road and south of Sunset Road (Halsted Road). Cr(VI) and Cr(T) concentrations in well 28N-05 were 3.4 µg/L and 3.3 µg/L, respectively, during the Second Quarter of 2020. Cr(VI) and Cr(T) concentrations in 28N-05 have been above 3.1 µg/L and 3.2 µg/L, respectively, since the well was first sampled in July 2012.

PG&E will continue quarterly sampling of domestic supply wells in accordance with the 2015 CAO. The next domestic well sampling event is scheduled to be completed by September 2020, and the results will be presented in the Third Quarter 2020 Groundwater Monitoring Report.

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ACRONYMS AND ABBREVIATIONS

µg/L	microgram(s) per liter
2015 CAO	Cleanup and Abatement Order No. R6V-2015-0068, November 4, 2015
2016 NOA	Notice of Applicability, April 20, 2016
Arcadis	Arcadis U.S., Inc.
ATU	Agricultural Treatment Unit
CAO	Cleanup and Abatement Order
CDPH	California Department of Public Health
CH2M	CH2M HILL, Inc.
Cr(T)	total dissolved chromium
Cr(VI)	hexavalent chromium
CSM	conceptual site model
DWSP	Domestic Well Sampling Program
GMP	Site-wide Groundwater Monitoring Program
IRZ	In Situ Reactive Zone
K	hydraulic conductivity
LA	Lower Aquifer
Lower Aquifer CSM Report	Updated Conceptual Site Model and Background Chromium Concentrations for Lower Aquifer Report
MCL	maximum contaminant level
mg/L	milligrams per liter
NOA	Notice of Applicability
NWFI	Northwest Freshwater Injection System
PG&E	Pacific Gas and Electric Company
report	Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
the site	Hinkley Compressor Station, Hinkley, California
TDS	total dissolved solids
UA	Upper Aquifer
USGS	United State Geological Survey
Water Board	California Regional Water Quality Control Board, Lahontan Region
WDR	Waste Discharge Requirement

1 INTRODUCTION

This Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results Report (report) presents results of the groundwater sampling completed during the Second Quarter of 2020 as part of both the Site-wide Groundwater Monitoring Program (GMP) and the Domestic Well Sampling Program (DWSP) for the groundwater chromium plume associated with Pacific Gas and Electric Company's (PG&E's) Hinkley Compressor Station located in Hinkley, California (the site). Figure 1-1 provides a location map for the site, and Figure 1-2 presents key place names or features mentioned throughout this report.

1.1 Groundwater Monitoring Program

Groundwater at the site is being monitored and sampled in compliance with a Cleanup and Abatement Order (CAO) issued by the California Regional Water Quality Control Board, Lahontan Region (Water Board 2015b). The purpose of the GMP is to monitor and document chromium concentrations in groundwater beneath the site. The GMP wells are sampled in quarterly, semiannual, annual, and biannual monitoring events. The Second Quarter of 2020 groundwater monitoring event, conducted in April through June 2020 and presented in this report, is a quarterly monitoring event under the approved GMP.

1.1.1 Regulatory Framework

In 2015, a new GMP was established in CAO No. R6V-2015-0068 (2015 CAO; Water Board 2015b). The 2015 CAO identifies the domestic and monitoring wells to be sampled, frequency of sampling, and reporting requirements. The 2015 CAO replaces previous CAOs and directives. The Second Quarter of 2020 groundwater sampling and reporting followed the requirements documented in the 2015 CAO. The 2015 CAO acknowledges that chromium concentrations in the areas southwest of the Lockhart Fault (as projected) and on or east of Dixie Road are not likely related to PG&E's historical release and, therefore, do not need to be included in plume contours. There were no wells sampled under the chromium program in this area during the current quarter except for domestic wells under Board Order R6V-2014-0023 (Agricultural Treatment Unit [ATU] Waste Discharge Requirements [WDRs]; Water Board 2014).

During the Second Quarter of 2020, Arcadis U.S., Inc. (Arcadis) evaluated the sampling frequencies for monitoring wells per the requirements of the 2015 CAO and, consequently, proposed sampling frequency changes. The sampling frequency changes implemented are documented in the Four-Year Comprehensive Cleanup Status and Effectiveness Report (2016 to 2019) Appendix C (Arcadis 2020c). The revised sampling schedule was implemented beginning in the First Quarter of 2020.

The 2015 CAO (Section III.B.1.a) requires the use of domestic wells for contouring if they are in the northern area, where no monitoring well is located within 0.5 mile of the domestic well. In all other areas of the site, domestic wells are not used to define chromium contouring. Where domestic wells are required to be used for chromium contouring, the boundary lines are dashed on the figures to indicate uncertainty.

Previously, the California Department of Public Health (CDPH) adopted a maximum contaminant level (MCL) specific to hexavalent chromium (Cr[VI]) of 10 micrograms per liter (µg/L; Water Board 2015a). On August 1, 2017, the Water Board issued a resolution to remove the 10 µg/L Cr(VI) standard.

1.1.2 Groundwater Monitoring Approach and Organization

The groundwater investigation network consists of approximately 651 monitoring wells and piezometers distributed throughout a study area that is approximately 4 miles wide and approximately 10 miles long. Installation of this network began in 1988, and construction and sampling of new wells continued, as directed by the Water Board and as needed by PG&E, to complete the groundwater remediation project. Two new wells were installed in the Second Quarter of 2020 (Table 1-1). The two monitoring wells (SA-AW-01 and SA-AW-02) were installed in June 2020 in angled borings in the northern source area to evaluate chromium concentrations in this area to support future remedial decisions. Boring logs for the new wells and a location map are provided in Appendix A.

The significant size of this study area has necessitated its division into three geographical subareas: South Hinkley Valley, North Hinkley Valley, and Water Valley. Each subarea is discussed separately throughout this report, as necessary, and their locations are shown on Figure 1-2.

Numerous investigations have been completed in South and North Hinkley Valleys, and PG&E's interpretation of the hydrostratigraphy in these areas has been documented in many reports including Stantec's Compliance with Provision 1.C. of Cleanup and Abatement Order No. R6V-2008-0002-A4 and Requirements of Investigation Order No. R6V-2013-0029 (Stantec 2013). In contrast, in Water Valley, hydraulic testing data for wells in this area are limited; therefore, the groundwater flow conditions and the nature and extent of chromium in groundwater in Water Valley are less understood. Monitoring wells throughout the three subareas are constructed based on the interpreted hydrostratigraphy and are classified into groups as described below. The nomenclature associated with this monitoring well network reflects the hydrostratigraphy when feasible; variations in naming conventions indicate evolving interpretations as more wells are constructed and more information is gathered.

Groundwater beneath the site generally occurs in alluvial fill material, river deposits, or weathered bedrock, and the saturated thickness of the aquifer varies from several feet on the valley border to several hundred feet in the valley center. Two key confining layers within the valley fill describe the aquifer system. At depth, a laterally contiguous and distinctive clay layer, referred to as the "blue clay," hydraulically separates the Upper Aquifer (UA) from the Lower Aquifer (LA), where present. Within the UA, a second clay layer, referred to as the "brown clay," hydraulically divides the UA into a shallow zone and a deep zone, where present. The occurrence of these layers as they are currently interpreted is illustrated on Figure 1-2, and more detailed descriptions of their thickness and composition are provided in other reports including the September 1, 2011 Technical Report – Response to Investigation Order No. R6V-2011-0043, Delineation of Chromium in the Upper Aquifer (Stantec 2011c); the October 30, 2013 Compliance with Provision 1.C. of Cleanup and Abatement Order No. R6V-2008-0002A4 and Requirements of Investigation Order No. R6V-2013-0029 (Stantec 2013); and the Updated Conceptual Site Model and Background Chromium Concentrations for Lower Aquifer Report (Lower Aquifer CSM Report; Arcadis 2016b).

Following these divisions, wells are classified according to the criteria below for purposes of monitoring and reporting:

- South and North Hinkley Valley Areas:
  - The UA includes saturated deposits between the water table and the blue clay confining layer (where present) or to bedrock where the blue clay is not present. Where the blue clay is not present or is only intermittently present, weathered bedrock is considered part of the UA (Arcadis 2016b). The brown clay further divides the UA as follows:
    - The shallow zone of the UA includes saturated deposits between the water table and the brown clay. As shown on Figure 1-2, the brown clay is not present in much of South Hinkley Valley. In this area, wells screened within the uppermost 15 to 30 feet of the UA are generally classified to be in the shallow zone.
    - The deep zone of the UA includes saturated deposits between the base of the brown clay and the top of the blue clay (where present) or bedrock where the blue clay is not present. As shown on Figure 1-2, the brown clay is not present in much of South Hinkley Valley. In this area, wells screened deeper than 15 to 30 feet below the UA water table are generally classified to be in the deep zone.
  - The LA includes saturated material below the blue clay including weathered bedrock material. The LA is not present in the western portion of South Hinkley Valley, as depth to bedrock shallows and the aquifer system thins. Where the blue clay is absent, all saturated materials are considered part of the UA. The blue clay becomes thin and sandy in a transitional portion along its western boundary, where the LA is in hydraulic communication with the UA. This transitional area is described in detail in the Lower Aquifer CSM Report (Arcadis 2016b).
- Water Valley: No hydrostratigraphic divisions are included in this area at present; all saturated material is considered part of the UA regardless of depth.

Well designations used during the groundwater investigations and monitoring well installation over time are summarized in Appendix A, Table A-1. The initial groundwater well installation projects conducted in South Hinkley Valley generally used letter designations “A” and “B” in the well number identifications to distinguish between the shallow and deep zones of the UA. Wells completed in the LA were distinguished with the designation “C” in the well number. In 2007, as part of the expanded drilling for the in situ reactive zone (IRZ) monitoring and plume delineation programs, groundwater monitoring wells installed in the UA were assigned the letters “S” and “D” to distinguish shallow from deeper screened monitoring intervals. Where the UA is substantially thick, multiple wells have been installed and designated “A1,” “A2,” or “B1” and “B2” (pre-2008) and “S1,” “S2,” “S3,” “D1,” and “D2” to distinguish monitoring depths within a given zone. Appendix A presents a detailed summary of the well designations by investigation and/or installation phase.

Note that some wells were thought to be included in one zone of the UA at the time of installation, and therefore were appended with “A,” “B,” “S,” or “D.” These wells have been reclassified based on further review and/or due to declining groundwater levels, which have varied more than 20 feet from the 1990s to present. When this occurs, the well is not renamed to reflect the appropriate zone but is presented in the appropriate zone on the figures included herein.

In some cases, wells have been replaced for various reasons such as declining performance, becoming dry due to dropping groundwater levels, or location conflicts. In these cases, the replacement well was given the same name as the original and appended with an “R” for “replacement” through Fourth Quarter

2018. Since 2011, groundwater levels have declined more than 15 feet at many locations in the southern plume area, and groundwater levels are reaching historically recorded low points. Therefore, beginning in First Quarter 2019, the shallow wells that have gone dry are being replaced with an “M” designation, for a mid-depth well screened between the shallow and deep wells. This accounts for the likelihood that groundwater levels will eventually rebound such that the original “S” zone wells will become saturated again, and the “M” designated well will be a mid-depth well.

1.2 Groundwater Remediation Program

PG&E is implementing several remediation projects for groundwater chromium treatment at the site including operating ATUs in the northern and southern portions of the chromium plume area and operation of three IRZs within the plume core. Additional remedial activities include groundwater extraction and freshwater injection in the northwest area. The IRZs operate under a Notice of Applicability (NOA) issued April 20, 2016 (2016 NOA; Water Board 2016) under the General WDRs. On March 12, 2014, the Water Board adopted the ATU WDRs (Board Order No. R6V-2014-0023). These provided requirements for continued operation of the former Desert View Dairy Land Treatment Unit as an ATU, provided for continued operation of existing ATUs, and outlined provisions for constructing and operating new ATUs (Water Board 2014). The monitoring and reporting requirements for these remediation projects are separate from those associated with the GMP; however, the chromium sampling data collected for monitoring of these other remedial activities are also reviewed as part of the GMP evaluation.

1.3 Domestic Well Sampling Program

PG&E has been collecting groundwater samples from domestic and other community wells at the site as directed by the Water Board or voluntarily in response to owner requests. In the Second Quarter of 2020, domestic wells were sampled in accordance with the 2015 CAO. The 2015 CAO states that all active domestic/community wells within the CAO Monitoring and Reporting Program used during the quarter or planned for use within the next 6 months should be sampled with the following exceptions:

- Domestic/community wells located in the Northern Disputed Plume Area and within 0.5 mile downgradient or cross-gradient from any northern area monitoring well should be sampled at the following frequencies:
    - Quarterly sampling at all domestic and community wells 0.5 mile downgradient or cross-gradient from a monitoring well exhibiting Cr(VI) or total chromium (Cr[T]) detections at or above drinking water standards (Cr[VI] greater than 10 µg/L, as of the date the 2015 CAO was issued) following any sampling event
    - Semiannual sampling in the Second and Fourth Quarters of each year at all domestic and community wells 0.5 mile downgradient or cross-gradient from a monitoring well exhibiting Cr(VI) or Cr(T) detections at or above the interim maximum background levels of 3.1 or 3.2 µg/L, respectively.
- No monitoring or domestic well sampling is required for the following locations:
    - Southwest (upgradient) of the Lockhart Fault
    - On or east of Dixie Road.

- Domestic supply well monitoring in the southern plume area is required as part of Board Order R6V-2014-0023 (Water Board 2014).

Domestic supply wells were also monitored in accordance with the 2016 NOA (Water Board 2016) in the Second Quarter of 2020. Section 4.3 presents the results of domestic well sampling conducted by PG&E during the Second Quarter of 2020 (April through June), either in response to owner requests or in compliance with the 2015 CAO.

1.3.1 Domestic Well Nomenclature and Locations

Well nomenclature presented herein reflects PG&E's organization of the wells for reporting purposes and does not represent the well numbering system or well identifications assigned by the California Department of Water Resources. In general, domestic wells are named with the format "XX-XX." The first set of numbers represents the appropriate section defined by the United States System of Surveying the Public Lands. The second set of numbers represents the sequential order in which the well was incorporated into PG&E's database. As the study area has expanded into adjoining townships, sections have been duplicated, and a letter has been added to the end of the first two numbers signifying a different section. An example of this would be domestic well 16N-01 in Water Valley. A section 16 nomenclature was already in use southeast of the site, and the "N" was added to denote a new northern section 16. Following the logic above, this is the first well of the section, and therefore ends in "01."

In addition, some wells are named as "BGS-XX." These wells were sampled as part of the Groundwater Background Study Report, Hinkley Compressor Station, Hinkley, California (CH2M HILL, Inc. [CH2M] 2007) and pre-date implementation of the domestic sampling programs presented herein. The "BGS" stands for "background study."

Finally, the accuracy of the depicted domestic well locations varies throughout the site and does not always represent a coordinate obtained from a California-licensed Land Surveyor. For wells where the location is not confirmed by a licensed surveyor, a handheld global positioning system unit, or placement based on field reconnaissance, the center of the parcel is used as a default. These procedures should be considered when reviewing domestic wells, especially those located on large parcels, and when wells are used to delineate chromium concentrations such as those shown on Figures 5-4, 5-5, and 5-6.

2 SECOND QUARTER 2020 MONITORING ACTIVITIES

This section describes the groundwater monitoring conducted for the site-wide GMP and DWSP during the Second Quarter of 2020. Results of sampling performed for both programs are presented in Section 4.

2.1 Groundwater Monitoring Program

The Second Quarter of 2020 GMP monitoring event was conducted from April through June 2020. A total of 368 groundwater monitoring wells, extraction wells, and selected water supply wells were sampled during this event. Their locations are shown on Figure 2-1. The wells were sampled in accordance with the methods and procedures established for the site-wide GMP. Appendix B includes the sampling procedures, Appendix C lists the field water quality parameters measured during groundwater sampling, and Appendix D lists groundwater level measurements recorded for this event.

Groundwater samples could not be collected from 19 UA monitoring wells that are required to be sampled by PG&E under various Orders due to insufficient[1] water in the wells for groundwater purging and sample collection. The 19 wells are listed in Table 2-1. Monitoring well MW-132S continues to be inaccessible due to biological habitat. Additionally, the parcel containing monitoring well MW-54 is now under new ownership, and access to the well has been denied. Monitoring wells listed in Table 2-1 comprise all monitoring programs including wells beyond those required to be sampled under the site-wide GMP. Monitoring wells monitored for IRZ system operations are discussed in further detail in the IRZ report (Arcadis 2020f).

Two monitoring wells (SA-AW-01 and SA-AW-02) were installed in June 2020 in angled borings within the northern source area. Angled borings were required for well installation due to the presence of compressor station surface impoundments in this area. These wells were installed to investigate the persistent elevated Cr(VI) concentrations in the shallow zone of the northern source area and monitor groundwater conditions beneath surface impoundment pond 8 (Arcadis 2020e).

The laboratory analytical data were reviewed and validated to assess data quality and identify deviations from analytical requirements. All reported analytical data collected during this monitoring period are considered usable for the intended purposes of monitoring groundwater conditions.

2.2 Domestic Well Sampling Program

2.2.1 Domestic Well Sampling

During this reporting period, 34 domestic and other private supply wells were sampled in response to the 2015 CAO sampling requirements (all domestic wells sampled were within the DWSP area; semiannual sampling is required for the Water Valley study area). Figure 2-1 shows the locations of the domestic and other private supply wells, the DWSP area (which was generated using the Environmental Impact Report Mitigation Measure chromium monitoring boundary [WTR-MM-2a; Water Board 2014]), and the Northern

[1] Monitoring wells with screens containing 4 feet of water or less are generally not sampled, as they are not expected to yield representative monitoring results.

Disputed Plume Area for domestic well sampling. Tables 2-2 and 2-3 list the domestic wells that were and were not sampled during this quarter, respectively. The analytical results from this reporting period are discussed in Section 4.3. Appendix B presents the methods and procedures for sample collection at the domestic and other supply wells.

2.2.2 Removal from Sampling Program and Destruction of Domestic Wells

The 2015 CAO details the requirements that must be met to remove an inactive domestic well from the DWSP under Monitoring and Reporting Program requirement V.B. Tables 2-4 and 2-5 list the inactive domestic wells on PG&E property that have been removed from the DWSP and secured in place. When a property is in escrow or purchased by PG&E, the property is surveyed including reconnaissance of domestic wells on the property. In general, domestic wells that do not appear to be secured during the property inspection are secured with a compression cap or other means (such as a steel plate).

Destruction of domestic wells on PG&E property was previously focused on wells screened across multiple water-bearing zones (the UA and LA). Per Water Board approval (Water Board 2017b), current and future well destruction will also include the destruction of selected inactive supply wells that are not screened across multiple water-bearing zones. Well screen information is first identified reviewing information in the PG&E site database. A video camera is used to obtain well construction information when it is found to be incomplete. The resulting body of well construction information is used to evaluate whether a domestic well is screened across both aquifers and to determine how best to accomplish well destruction. Per the Water Board's requirement in the 2015 CAO Monitoring and Reporting Program Section V., PG&E will provide the Water Board with a list of inactive domestic wells that it plans to destroy at least 14 days before initiating destruction. PG&E has submitted the following notifications to date:

- Notification for Abandonment of 37 Inactive Domestic Wells Screened Across the Upper and Lower Aquifers (Phase 1), dated November 5, 2013 (PG&E 2013)
- Notification for Abandonment of 21 Inactive Domestic and Agricultural Supply Wells Screened Across the Upper and Lower Aquifers (Phase 2), dated October 23, 2014 (PG&E 2014)
- Notification for Abandonment of 23 Inactive Domestic Wells Screened Across the Upper and Lower Aquifers (Phase 3), dated June 15, 2015 (PG&E 2015a)
- Notification for Abandonment of 16 Inactive Domestic and Agricultural Supply Wells Screened Across the Upper and Lower Aquifers (Phase 4), dated October 30, 2015 (PG&E 2015b)
- Notification for Abandonment of 13 Inactive Domestic and Agricultural Supply Wells Screened Across the Upper and Lower Aquifers (Phase 5), dated March 9, 2016 (PG&E 2016)
- Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California (PG&E 2017a)
- Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California (PG&E 2017b)
- Request to Abandon Undocumented Domestic Supply Well (PG&E 2017c).
- Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California (PG&E 2017d)

- Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California (PG&E 2017e)
- Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California (PG&E 2018a)
- Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California (PG&E 2018b).
- Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California (PG&E 2019).

PG&E did not destroy any domestic or agricultural supply wells during the Second Quarter of 2020 (Table 2-6).

2.2.3 Replacement Water Supply

The 2015 CAO requires that PG&E supply interim, uninterrupted replacement water (i.e., bottled water or equivalent) and then long-term replacement water to users of affected wells. Affected wells are active domestic or community wells containing chromium, linked to PG&E's historical releases, with Cr(VI) concentrations above 10 µg/L. All levels of Cr(VI) in domestic wells in use by Hinkley residents and sampled by PG&E are below 10 µg/L (see Section 4.3). For these reasons, the bottled water and long-term replacement water programs are currently not in effect.

3 SECOND QUARTER 2020 GROUNDWATER ELEVATION AND FLOW

This section summarizes hydrogeologic conditions beneath the site including groundwater elevation, flow direction, velocity, and applicable horizontal gradient magnitudes. As described in Section 1.1.2, the aquifer system beneath the site is divided into the UA and LA by a confining clay layer referred to as the blue clay. The UA is further divided into a shallow zone and a deep zone by a second confining clay layer known as the brown clay. Where the brown clay is absent, the uppermost 15 to 30 feet of the UA is generally considered to be in the shallow zone, and deeper portions are considered part of the deep zone for the purposes of reporting. Groundwater levels have dropped more than 15 feet at many wells since 2011 due to regional drought conditions, reducing the thickness of the UA. Therefore, some wells previously considered as shallow-zone monitoring wells have gone dry. The deeper screened monitoring wells at these locations are now more representative of shallow-zone conditions. Well data presented on figures in this report reflect these changing groundwater conditions where applicable. In some cases, where the aquifer is thin (less than 30 feet thick) and the brown clay is not present, the same monitoring wells may be presented on both shallow- and deep-zone maps to provide a more complete depiction of groundwater flow. The locations of these and other hydrogeologic features that affect the flow of groundwater beneath the site (such as faults) are shown on Figure 1-2.

Hydrogeologic information specific to these zones is described below and presented on the following four figures:

- Figure 3-1 presents groundwater elevations and flow contours in the shallow zone of the UA in South Hinkley Valley.
- Figure 3-2 presents groundwater elevations and flow contours in the deep zone of the UA in South Hinkley Valley.
- Figure 3-3 presents groundwater elevations and flow contours in the UA in North Hinkley Valley and the available groundwater flow information for Water Valley.
- Figure 3-4 presents groundwater elevations and flow contours in the LA and bedrock.

Although the 2015 CAO Monitoring and Reporting Program does not require the development of figures for the shallow and deep zones of the UA in this report, they are provided herein for technical accuracy. As discussed in Section 1.2, PG&E is implementing several remediation projects for groundwater chromium treatment including freshwater injection, groundwater extraction and irrigation of extracted water at ATUs, and IRZ operation. The monitoring and reporting requirements for these remediation projects are separate from those associated with the GMP, but their operation has significant impacts on the movement of groundwater throughout South Hinkley Valley. Details of these operations are reported in recurring submittals that document UA groundwater capture efforts and quarterly reporting of remedial operations and effectiveness. The most recent quarterly reports include the following:

- Second Quarter 2020 Hydraulic Capture Monitoring Report, dated July 15, 2020 (Arcadis 2020e)
- Second Quarter 2020 Monitoring Report for the In Situ Reactive Zone and the Northwest Freshwater Injection Projects, dated July 30, 2020 (Arcadis 2020f)

- Second Quarter 2020 Agricultural Treatment Units Monitoring Report, to be submitted by August 20, 2020 (Arcadis, in progress).

The above-mentioned submittals contain details about groundwater flow specific to the areas and zones reported therein. This section provides a broader site-wide review of groundwater flow conditions.

3.1 Upper Aquifer—South Hinkley Valley

UA groundwater elevation contours and interpreted flow direction arrows for South Hinkley Valley are presented on Figures 3-1 and 3-2. Groundwater generally flows northward across South Hinkley Valley in both the shallow and deep zones and under a comparable groundwater gradient. The interpreted groundwater flow directions and calculated hydraulic gradients during this reporting period were comparable to those documented in the previous reporting period. In the shallow zone of the UA, groundwater to the east of the plume generally flows northwest under an average hydraulic gradient of 0.0029 foot/foot. Groundwater to the west of the plume generally flows northeast under an average hydraulic gradient of 0.0029 foot/foot, with an overall northward trend from the Mojave River. The groundwater flow direction in the deep zone of the UA is comparable to that in the shallow zone of the UA. Effects of PG&E's remediation projects can be seen throughout South Hinkley Valley, as groundwater is recirculated in the IRZs (southern portion of the figures), localized groundwater mounding is produced by freshwater injection in the west, and northward flow is captured by extraction south of Thompson Road.

These groundwater contours are shown at 5-foot intervals (except for a portion of the west, where 1-foot contours are shown for the shallow and deep zones of the UA) to provide an overview of groundwater flow through the South Hinkley Valley. This contouring confirms continued achievement of hydraulic capture of chromium in groundwater in South Hinkley Valley. These capture zones are shown on Figures 3-1 and 3-2 as dashed dark blue lines.

Depth to groundwater in the UA in South Hinkley Valley currently ranges from approximately 61 to 113 feet below grade, with some variability directly adjacent to remedial activities such as pumping or injection. This is consistent with the depth to groundwater documented in the previous quarter. However, groundwater levels within the remediation area and regionally have demonstrated an overall downward trend in response to ongoing drought conditions. The Mojave River (which is the primary source of recharge to the Hinkley Valley) did not flow from 2012 through 2018. A single, short-duration, low-volume flow event occurred in First Quarter of 2019 (February 16, 2019); however, little to no recharge has been observed. The last major flow events occurred during the winters of 2004/2005 and 2010/2011 (United States Geological Survey [USGS] 2019).

To develop a greater understanding of groundwater flow east and southeast of the compressor station under the current drought conditions, four multiple-depth piezometers (PZ-16A/B through PZ-19A/B) were constructed and developed in the Third and Fourth Quarters of 2018. Groundwater elevation contours include these monitoring data with additional available groundwater level data from east of the compressor station. As shown on Figures 3-1 and 3-2, potentiometric contours indicate that a capture zone (interpreted as dark blue dashed line) east of Summerset Road has formed from the operation of extraction wells along the eastern margin of the chromium plume (orange well symbols), including five extraction wells (EX-55, EX-56, EX-59, EX-60, and EX-61; which began operating in the summer of 2018) and existing extraction wells (orange well symbols in both depth intervals). Two additional extraction wells

(EX-66 and EX-67) were brought online east of the compressor station and south of Community Boulevard in April 2019. These wells are further enhancing inward gradients along the eastern chromium plume margin. The available groundwater elevation data indicate that groundwater bearing Cr(VI) at the southeastern boundary of the chromium plume may locally flow northeasterly near the Cr(VI) plume outline, but that overall groundwater flow then returns to a north to northwest flow direction and is captured at the extraction wells along Summerset Road and in the vicinity of the Community East ATU.

3.2 Upper Aquifer—North Hinkley Valley and Water Valley

UA groundwater elevation contours and flow direction arrows for North Hinkley Valley are presented on Figure 3-3. Groundwater flow in North Hinkley Valley continues the northward flow of South Hinkley Valley under an average hydraulic gradient of 0.0013 foot/foot. Depth to groundwater in North Hinkley Valley ranges from approximately 53 to 100 feet below grade under an average hydraulic gradient of 0.0019 foot/foot. Groundwater flow from North Hinkley Valley to Water Valley occurs through Hinkley Gap (Figure 1-2), a narrowing at the northern end of Hinkley Valley at Red Hill (Figure 3-3). Northward flow through Hinkley Gap is interpreted to primarily occur on the western side of Red Hill through an ancestral Mojave River channel at a rate of approximately 1,000 gallons per minute (Aquifer Science and Technology 2007). PG&E interprets flow on the western side of Red Hill to occur below the brown clay and in the deep zone of the UA (Stantec 2013).

3.3 Lower Aquifer

Regional groundwater flow in the LA and weathered bedrock generally follows the trend of the UA, as shown on Figures 3-1 and 3-2. Based on the analysis presented in the Lower Aquifer CSM Report (Arcadis 2016b), the blue clay aquitard forming the LA is not interpreted to become a confining unit east of the blue shaded area shown on Figure 3-4. The 2016 interpretation contrasts with previous reports, indicating that the LA began east of the dashed brown line, depicting the western occurrence of the blue clay. Within the blue shaded area, the LA sediments are in hydraulic communication with the UA and are now considered part of the UA. This is because the blue clay becomes thin, discontinuous, and sandy in a transitional portion along its western boundary. This transitional area, where the LA is in hydraulic communication with the UA, is shown as a blue shaded area on Figure 3-4.

As shown on Figure 3-4, gradients in and near the blue shaded area are interpreted to be affected by local UA groundwater extraction on the western boundary of the LA (near the limits of the blue clay), where both the UA and LA are affected by UA extraction near the transitional clay area at the western limits of the LA. An average hydraulic gradient of approximately 0.0020 foot/foot was calculated in the area monitored.

3.4 Groundwater Gradient and Velocity

Groundwater gradients and estimates of groundwater velocity for the UA and LA are posted, as appropriate, on Figures 3-1 through 3-4. Velocity calculations are based largely on the assumptions of hydraulic conductivity (K) used in PG&E's groundwater flow model. The reliability of K values in this model (and therefore, the reliability of these velocity calculations) depends on the available dataset for each portion of the site. Estimates of K used in the model are derived from this available dataset. The significant number of wells and substantial extraction being performed in the central portion of South

Hinkley Valley have resulted in a large dataset from which to obtain reliable K values. By contrast, little pumping test data have been collected for the western portion of the South Hinkley, North Hinkley, and Water Valleys due to the absence of remedial extraction. Calculations for groundwater velocity in these areas are, therefore, less precise. In addition, the current model domain does not extend into Water Valley, and aquifer parameters have been estimated from other information. PG&E has been updating the groundwater flow model, including expanding the model domain into Water Valley, to support the USGS' chromium background study. The K values in the updated flow model will be incorporated into groundwater velocity estimates when this work is completed.

Hydraulic conductivity is estimated to be much lower in the finer-grained western portion of South Hinkley Valley than in the comparatively coarser-grained central and eastern portions. North Hinkley Valley is also estimated to have relatively lower hydraulic conductivity due to the presence of more fine-grained sediments.

Previous modeling, tracer, and remedial system pumping tests indicate that maximum groundwater velocities in the south central Hinkley Valley generally range from 1 to 4 feet per day (Haley & Aldrich 2010; Arcadis 2016b). The velocities shown on Figures 3-1 and 3-2 are generally consistent with these findings. As noted above, the presence of finer-grained sediments in the North Hinkley and Water Valleys suggests that groundwater moves slower than the 1 to 4 feet per day estimates for the South Hinkley Valley within PG&E's remediation area.

4 SECOND QUARTER 2020 MONITORING RESULTS

This section presents the results of the GMP and DWSP chromium sampling conducted during the Second Quarter of 2020 reporting period. Groundwater samples were analyzed for Cr(VI) and/or Cr(T) using United States Environmental Protection Agency Methods SW 218.6/3500-Cr and SW 6010B/6020A, respectively. Table E-1 in Appendix E includes a database report of the chromium results from 2001 through June 2020 for wells sampled as part of the GMP. Samples collected from selected monitoring wells were also analyzed for other water quality parameters. Appendix F includes laboratory analytical reports and chain-of-custody records for the groundwater samples collected during the Second Quarter of 2020.

4.1 Upper Aquifer

Table 4-1 presents the Third Quarter of 2019 through the Second Quarter of 2020 Cr(VI) and Cr(T) analytical results for the site-wide GMP groundwater monitoring, extraction, and selected water supply wells. In addition, Table 4-1 lists the historical maximum Cr(VI) and Cr(T) results for each well. Table 4-2 lists the initial and resampling results for wells that required resampling under the 2015 CAO and additional GMP wells resampled during the quarter for other reasons.

The 2015 CAO requires that wells be resampled during the same quarter and analytical results presented within the same quarter under the following conditions:

- If sample results show a relative percent difference of 25 percent or greater between Cr(VI) and Cr(T) concentrations, and if both concentrations are less than 10 µg/L, Cr(VI) is greater than 3.1 µg/L, and Cr(T) is greater than 3.2 µg/L
- If sample results exhibit a Cr(VI)/Cr(T) difference greater than 1.0 µg/L at concentrations below 4 µg/L.

During the Second Quarter of 2020, 14 wells exhibited Cr(VI)/Cr(T) differences greater than 1.0 µg/L, and seven wells exhibited greater than 25 percent relative percent difference. These monitoring wells were resampled per the requirements in the 2015 CAO. Additionally, 18 wells were resampled for other reasons, primarily to confirm concentration changes. Collective resample results are presented in Table 4-2.

4.1.1 Evaluation of Chromium Concentrations in “Western Finger” and Western Plume Area

In accordance with the 2015 CAO, there are 15 sentry wells in the general area west of Serra Road, between Barstow-Bakersfield Highway and Acacia Street, used as sentry wells for the “western finger.” If concentrations in any of the sentry wells meet or exceed 10 µg/L for two consecutive quarters, a report documenting proposed remedial actions for the observed exceedances is required. None of the sentry wells sampled yielded concentrations greater than 10 µg/L when they were last sampled during the Second Quarter of 2020.

In addition, in accordance with the Contingency Plan for Proposed Modifications to the Action Plan for the Western Area (Arcadis 2017d), PG&E monitors four monitoring wells east of the Northwest Freshwater

Injection (NWFI) system. Monitoring wells MW-29, MW-45A, MW-47, and MW-101D are monitored for Cr(VI) and Cr(T) in accordance with the sampling frequency in the 2015 CAO to confirm that Cr(VI) and Cr(T) concentrations are not increasing above the interim maximum background values. Wells MW-29, MW-45A, and MW-47 were last sampled during the Second Quarter of 2020, and Cr(VI) concentrations remain below the interim maximum background concentration of 3.1 µg/L.

Cr(VI) concentrations at monitoring well MW-101D have consistently been greater than 3.1 µg/L since it was first sampled in June 2011. The Cr(VI) concentration at MW-101D was 3.7 µg/L in the Fourth Quarter of 2017 when the contingency plan was written. Cr(VI) was reported at a concentration of 5.3 µg/L in April 2020. Since 2017, hydraulic containment has been consistently demonstrated by an inward gradient calculated between outboard well MW-101D and inboard MW-109 (Arcadis 2020e). Therefore, the concentrations above the interim maximum background values at MW-101D are not attributable to changes associated with western area extraction operations. It is estimated that the concentrations reported for this well reflect migration of existing mass in the vicinity of this well being drawn easterly into the pumping center, as there are generally decreasing trends at other monitoring wells in this area. Contingency actions, such as increasing flow rates at the currently operated extraction wells, will be taken if Cr(VI) is detected at concentrations greater than 10 µg/L in accordance with the Revised Recommendations for Alternative Capture Metrics (Arcadis 2016c).

4.1.2 Evaluation of Chromium Concentrations in "Northern Disputed Plume Area"

The 2015 CAO also requires evaluation of monitoring results from the Northern Disputed Plume Area for the identification of "hot spots." Cr(VI) concentrations requiring preparation of a work plan to address Cr(VI) concentrations in groundwater are defined in the Section VI.C.2 (a) of the 2015 CAO as:

i. "any domestic well having Cr(VI) equal to or exceeding 10 µg/L during any one sampling event; or

ii. any monitoring, extraction, remediation well or piezometer having hexavalent chromium concentrations greater than 10 µg/L within one half mile upgradient of any active domestic well and meeting any of the following conditions (triggers):

    1. Fifty percent or more increase above Cr(VI) concentrations reported in second quarter 2015 that persist for two consecutive sampling events;

    2. Increasing statistical trend (using Mann-Kendall) over four sampling events."

No monitoring wells in the Northern Disputed Plume Area met the 2015 CAO "hot spot" criteria in the Second Quarter of 2020. Cr(VI) and Cr(T) concentrations at monitoring well MW-137S3 were 13 µg/L and 13 µg/L, respectively, during Second Quarter 2020. Due to concentrations exceeding 10 µg/L in Fourth Quarter 2019, a 10 µg/L contour was drawn around this well in Fourth Quarter 2019, and this contour was retained in Second Quarter 2020. As presented in the Fourth Quarter 2019 monitoring report, no monitoring wells within 1.75 miles up- or cross-gradient of this well yielded concentrations exceeding 10 µg/L during the Fourth Quarter. Due to the detection of chromium above 10 µg/L, domestic wells potentially located within 0.5 mile downgradient of MW-137S3 were reviewed to evaluate if hotspot treatment is required per Section VI.C.2(a) of the 2015 CAO. The location of MW-137S3 in relation to active and inactive domestic wells north of Mount General Road is shown on Figure 5-5. No domestic wells were identified within 0.5 mile downgradient; therefore, the hot spot criteria triggering preparation of a workplan to address MW-137S3 concentrations were not met. The source of chromium at MW-137S3

may be related to the presence of naturally higher chromium levels in the northern part of Hinkley Valley than those south of the Northern Disputed Plume Area. Another Northern Disputed Plume Area well (MW-154S1, located northeast of well MW-137S3) previously yielded chromium concentrations greater than 10 µg/L from March 2012 through July 2016, that appear to have been localized to the area around that well. Monitoring will continue per the 2015 CAO to confirm that the detection at MW-137S3 continues to be limited to the vicinity of this well, and that no additional domestic wells should be sampled. Well MW-137S3 will be sampled next during the Fourth Quarter 2020 sampling event.

4.2 Lower Aquifer

Tables 4-1 and 4-3 include the chromium results for groundwater monitoring and private supply wells completed in the LA and bedrock, respectively. Eighteen LA and bedrock monitoring and two LA supply wells in the site-wide GMP were sampled during the Second Quarter of 2020. Previously, Cr(VI) and/or Cr(T) concentrations have been detected at or above 3.1 and 3.2 µg/L, respectively, in five monitoring wells (MW-23C, MW-28C, MW-42C, MW-92C, and MW-100C). Since 2016 or 2017, chromium concentrations have been less than 3 µg/L at LA monitoring wells MW-23C (October 2017), MW-28C (July 2016), and MW-42C (June 2017).

Consistent with past results, monitoring wells MW-92C and MW-100C continue to exhibit Cr(VI) and Cr(T) results exceeding 3.1 and 3.2 µg/L, respectively. The Second Quarter of 2020 Cr(VI) concentration at MW-92C (15 µg/L) shows an overall decrease since April 2015 (27 µg/L; Appendix E); however, the concentration trend at this well has generally been stable during the last 5 years of monitoring. The Second Quarter of 2020 Cr(VI) concentration at MW-100C (18 µg/L) is also nearly unchanged from recent monitoring events. The Second Quarter of 2020 Cr(VI) concentration is lower than January 2015 (19 µg/L), but concentrations continue to be greater than the lowest concentration of 9.2 µg/L reported for the well in July 2017. Mass previously at MW-23C (located within the LA with a historical high concentration of 23.8 µg/L in November 2011) and MW-42C (also in the LA with 15.4 µg/L in August 2011) may be slowly migrating towards MW-92C and MW-100C (located in the transitional clay area, Figure 3-4), where it is expected be drawn into UA extraction wells.

Chromium concentrations at MW-92C and MW-100C were anticipated to decrease as mass in this area is drawn into UA extraction wells and/or reduced as lower concentration groundwater from the MW-23C and MW-42C area migrates towards these wells. Chromium concentrations at both MW-92C and MW-100C were also expected to decline as the UA groundwater in this area continues to show declining chromium concentrations to below 10 µg/L at many UA monitoring wells (Figure 5-2). However, the stagnating trends at wells MW-92C and MW-100C suggest that changes to remedial pumping wells may be needed to improve concentration trends. Operation of extraction wells EX-29 and EX-37 (and perhaps EX-30) may be impeding further concentration reductions at MW-92C and MW-100C, as these extraction wells may be creating localized capture zones that are reducing the overall clean water flushing rate towards the larger capture zone further east (IW-01 and IW-02). Therefore, on January 9, 2020, PG&E submitted an email (PG&E 2020a) to the Water Board requesting approval to conduct an 18-month pilot test that will involve turning EX-29, EX-30, and EX-37 off to assess if gradients and concentration reductions may be improved by changing the extraction well configuration in this area. At the request of the Water Board, response to comments letters were sent on February 14, 2020 and March 27, 2020 clarifying components of the pilot study (PG&E 2020b, 2020c). Approval to conduct the pilot test was received on May 12, 2020. The pilot test is scheduled to begin in Third Quarter 2020. When sufficient data have been obtained to

assess the potential benefits of limited or no extraction from wells EX-29, EX-30, and/or EX-37, PG&E will summarize the findings and propose a longer-term strategy for addressing concentrations at MW-92C and MW-100C.

As requested by the Water Board, flow rate information for the extraction wells and remedial actions conducted to date in the LA are being provided in the quarterly ATU monitoring reports. The Second Quarter 2020 Agricultural Treatment Units Monitoring Report containing this information will be submitted to the Water Board by August 20, 2020 (Arcadis, in progress).

4.3 Domestic Well Sampling

Table 4-3 presents the Cr(VI) and Cr(T) analytical results for the 34 domestic wells within the DWSP, other private supply wells sampled during this reporting period, and data from the previous three quarters. Domestic wells sampled in the Second Quarter of 2020 are shown on Figure 4-1. The laboratory analytical reports and chain-of-custody records for the domestic and other supply wells sampled during the reporting period are included in Appendix F. Cr(VI) concentrations were detected above 3.1 µg/L and/or 3.2 µg/L, respectively, in two wells (23-30 and 28N-05) during the Second Quarter of 2020.

PGE- owned well 23-30 is located south of Thompson Road, between Summerset and Mountain View Roads. This well was resampled during the Second Quarter of 2020 in accordance with the 2015 CAO because the Cr(VI) and Cr(T) difference was greater than 1 µg/L. Cr(VI) and Cr(T) concentrations in well 23-30 were 3.0 µg/L and 4.1 µg/L, respectively, during the April sampling event, and 3.2 µg/L and 3.0 during the May resampling event.

Well 28N-05 is located in the northern portion of the DWSP area in Water Valley, west of Hinkley Road and south of Sunset Road (Halsted Road). Cr(VI) and Cr(T) concentrations in well 28N-05 were 3.4 µg/L and 3.3 µg/L, respectively, during the Second Quarter of 2020. Cr(VI) and Cr(T) concentrations in 28N-05 have been above 3.1 µg/L and 3.2 µg/L, respectively, since the well was first sampled in July 2012. Cr(VI) and/or Cr(T) concentrations were not detected above 3.1 and 3.2 µg/L, respectively, in any other domestic well located within the DWSP sampled during the Second Quarter of 2020.

As required by the 2015 CAO, domestic well sampling results are used for contouring chromium in the Northern Disputed Plume Area where no monitoring well data are available within 0.5 mile of the domestic well. In addition, the 2015 CAO states the following sampling frequency:

- Quarterly sampling at all domestic and community wells 0.5 mile downgradient or cross-gradient from a monitoring well exhibiting Cr(VI) or Cr(T) detections at or above drinking water standards following any sampling event
- Semi-annual sampling in the Second and Fourth Quarters of each year at all domestic and community wells 0.5 mile downgradient or cross-gradient from a monitoring well exhibiting Cr(VI) or Cr(T) concentrations at or above the interim maximum background levels.

The Second Quarter of 2020 analytical results from monitoring wells located 0.5 mile upgradient or cross-gradient from a domestic well in the Northern Disputed Plume Area indicated that chromium concentrations were below the former drinking water standard of 10 µg/L for Cr(VI) (as of the date the 2015 CAO was issued) and the current drinking water standard of 50 µg/L for Cr(T).

Domestic wells in the Northern Disputed Plume Area located 0.5 mile downgradient from a monitoring well that exhibits chromium concentrations above the interim maximum background levels in the previous two quarters will be sampled in the Fourth Quarter of 2020 pending permission from the owners.

4.4 Statistical Analysis of Domestic Well Analytical Results

The 2015 CAO requires analysis of whether any domestic well within the domestic well sampling area contains Cr(VI) at concentrations that demonstrate an increasing trend, indicating likely future exceedances of 10 µg/L Cr(VI) within 1 year. No wells require replacement water based on the Second Quarter of 2020 data and trends.

Because criteria and methodologies for determining an “increasing trend” were not specified in the 2015 CAO, PG&E is implementing Mann-Kendall statistical trend analysis of Cr(VI) data as an initial screening tool to identify increasing trends that may warrant additional evaluation. A statistical analysis of Cr(VI) data was performed for 33 domestic wells (Table 4-4) sampled in the Second Quarter of 2020 that had a total of eight or more sample results. Of the 33 wells analyzed, results for 25 wells indicate stable (no trend) to decreasing trends, and eight wells indicate increasing trends. Trend plots were prepared for the eight wells indicating increasing trends based on the Mann-Kendall statistical trend analysis. These are included in Appendix G. Based on review of these trend graphs, Cr(VI) concentrations at these domestic wells are not expected to increase above 10 µg/L in the next year or in the future. Quarterly monitoring of these wells will continue to confirm trends.

5 OCCURRENCE AND DISTRIBUTION OF CHROMIUM IN GROUNDWATER

This section interprets and evaluates the sample results for the GMP and DWSP conducted following the requirements in the 2015 CAO during the Second Quarter of 2020 reporting period. A brief summary of the chromium distribution is included in Section 5.1. The 2015 CAO requires a presentation of chromium isoconcentration contours based on physical and chemical characteristics, as interpreted from data reported from monitoring wells and extraction wells sampled in the quarter using best professional judgment. Section 5.2 provides a professional judgement discussion of the contoured chromium distribution in the UA, where isolated areas with chromium detections greater than the interim background concentrations were not connected to the contiguously mapped isoconcentration contours. Section 5.3 discusses the Northern Disputed Plume Area. Section 5.4 compares the current UA chromium distribution to that from the previous quarter.

5.1 Chromium Distribution in Upper and Lower Aquifers

The distribution of chromium in the UA was evaluated using the Second Quarter of 2020 results in accordance with the methods specified in the 2015 CAO. Consistent with these methods, the chromium distribution figures prepared for the site-wide GMP use concentrations of 3.1 µg/L for Cr(VI) and 3.2 µg/L for Cr(T) for the outer boundary isoconcentration contour line. The extent of chromium is further delineated internally using 10, 50, and 1,000 µg/L isoconcentration contours for Cr(VI) and/or Cr(T). This information is presented on Figures 5-1 through 5-5, as described below. Contouring does not include domestic supply wells, except as described below.

Consistent with the 2015 CAO, chromium detections in the areas southwest of the projection of the Lockhart Fault, or on or east of Dixie Road, are not considered to be related to PG&E's historical operations. These areas are shown in gray on relevant figures, and concentrations therein are not evaluated for plume contouring.

Shallow and Deep Zones of the UA: Although not required by the 2015 CAO, Figures 5-1 and 5-2 present the chromium distribution specific to wells screened in the shallow or deep zones of the UA, respectively. These figures are provided to present the technical basis for the isoconcentration depiction portrayed on the composite UA map and provide a more complete presentation of the occurrence of chromium in the UA at both depth zones. Zone-specific figures showing the chromium distribution in the area south of the Barstow-Bakersfield Highway are consistent with contours previously submitted in the Second Quarter 2020 Monitoring Report for the IRZ and NWFI Projects (Arcadis 2020f), where a more robust dataset was considered during contour development. Select wells from the IRZ monitoring program and the Second Quarter of 2020 Cr(VI) and Cr(T) monitoring results are shown on Figures 5-1 and 5-2. Chromium figures from the Second Quarter 2020 Monitoring Report for the IRZ and NWFI Projects (Arcadis 2020f) are provided in Appendix H, showing the entire IRZ area dataset. Additionally, select monitoring wells with Cr(VI) and Cr(T) data from previous reporting periods were included on figures to support isoconcentration contour development in areas where the Second Quarter of 2020 monitoring data were not collected per the Monitoring and Reporting Program.

LA: Figure 5-3 shows the chromium plume outlines for the LA. Chromium migration from the UA into the LA is believed to have occurred where the blue clay is not present (Stantec 2011a, 2011b) or in the transitional clay area, where it is thin and sandy (Stantec 2011b; Arcadis 2016b). The transitional clay area is depicted as a blue shaded area on Figure 5-3. Within the blue shaded transitional area on Figure 5-3, the blue clay does not act as an aquitard, and the UA and LA groundwater are in hydraulic communication (Arcadis 2016b). Figure 5-3 also depicts an isoconcentration contour for 0.2 µg/L as required by the 2015 CAO.

Since early 2012, the vertical gradient in the LA east of the blue shaded area has been reversed (changed to upward) by essentially eliminating LA pumping in the area, initiating UA pumping at extraction wells EX-29 and EX-30, and increasing UA pumping throughout the greater area where the LA is impacted with chromium. PG&E also turned off UA extraction well EX-26 in January 2015 and began operation of an extraction well (EX-37) in March 2015 screened across the UA and LA to further improve hydraulic containment of chromium in the LA. Extraction well EX-37 is located near monitoring well MW-92C, where the highest concentrations of Cr(VI) have historically been detected in the LA. The effectiveness of extraction well EX-37, other remedial actions taken to reduce chromium concentrations, and recommendations for future actions to address chromium in the LA have been evaluated in the Annual Cleanup Status and Effectiveness Reports (Arcadis 2016a, 2017c, 2018c, 2019b, 2020c) since 2015 and the Lower Aquifer CSM Report (Arcadis 2016b).

As shown on Figure 5-2 (depicting chromium concentrations in the deep zone of the UA), chromium concentrations at wells screened across the deep zone of the UA near Santa Fe Avenue and Mountain View Road (MW-28B, EX-29, and EX-30), where chromium is present at concentrations greater than 10 µg/L in the LA (Figure 5-3), have decreased to below 10 µg/L (Tables 4-1 and Table E-1). Lower chromium concentrations in these UA wells, located above the transitional blue clay area of the LA shown on Figure 5-3, indicate favorable conditions for concentrations at monitoring wells MW-92C and MW-100C (located within the blue shaded transitional area) to begin to decline. As detailed in Section 4.2, concentrations at MW-92C and MW-100C have declined since reaching their maximum values, but recent results show generally stable trends. Concentrations at these wells were expected to slowly decrease in the future as groundwater near these wells is drawn upward into UA extraction wells and/or deep-zone UA groundwater (less than 10 µg/L) mixes with LA groundwater in the transitional blue clay area containing LA monitoring wells MW-92C and MW-100C. As discussed in Section 4.2, a pilot test that will involve turning off EX-29, EX-30, and EX-37 will be conducted beginning in the Third Quarter of 2020 to assess if gradients and concentrations at wells MW-92C and MW-100C may be improved by changing operations.

Domestic Supply Wells: Figure 5-4 presents chromium results for domestic well sampling. In accordance with the 2015 CAO, a chromium isoconcentration contour for the domestic wells was not drawn, but the maximum isoconcentration contour for the 3.1/3.2 µg/L Cr(VI)/Cr(T) interval shown on Figure 5-5 is provided for reference. As noted in Section 1.3.1, the accuracy of the depicted domestic well locations varies throughout the site and does not always represent a coordinate obtained from a California-licensed Land Surveyor.

Maximum UA Extent: Figure 5-5 presents the maximum extents of the 3.1/3.2, 10, 50, and 1,000 µg/L isoconcentration contours for Cr(VI) and/or Cr(T), respectively, in both the shallow and deep zones of the UA, as required by the 2015 CAO. The isoconcentration contours represent the maximum lateral extents, as defined by current monitoring points, but are not intended to imply that all areas within each

isoconcentration contour exhibit concentrations above the respective concentration contoured. Many areas within the plume core exhibit concentrations below these respective concentrations, as can be seen in the Second Quarter of 2020 Monitoring Report for the IRZ and NWFI Projects (Appendix H).

Maximum extent isoconcentrations represent a combination of the zone-specific shallow- and deep-zone isoconcentration contours shown on Figures 5-1 and 5-2. As indicated, the maximum outline of the 3.1 and 3.2 µg/L chromium isoconcentration contour is dashed with question marks where it is approximated and cannot be accurately delineated using existing well data. Consistent with the 2015 CAO, private domestic wells in Water Valley and north of Grasshopper Road with concentrations above 3.1 and 3.2 µg/L for Cr(VI) and Cr(T), respectively, are used for plume contouring when monitoring results are available. Private domestic wells in North and South Hinkley Valleys are not included in contour development.

The Second Quarter of 2020 maximum extents of the 3.1/3.2, 10, 50, and 1,000 µg/L chromium isoconcentration contours for Cr(VI) and/or Cr(T) were generally comparable to those from the First Quarter of 2020. Changes from the First Quarter 2020 to the Second Quarter 2020 plume outlines are discussed in Sections 5.2 through 5.4.

The highest Cr(VI) concentration reported for wells with sufficient water to be sampled during the Second Quarter of 2020 was 1,000 µg/L, measured south of Community Boulevard in the central source area at shallow-zone monitoring well PMW-02. Cr(VI) concentrations of this magnitude have not previously been detected at PMW-02. Increasing Cr(VI) concentrations observed since the First Quarter of 2019 are thought to be due to shifting hydraulic gradients from relatively recent startup of extraction well EX-67 to the east. Investigation in the northern source area is underway and will help evaluate the extent of residual mass in the vicinity of PMW-02 and SA-SM-02S. IRZ injection wells located near PMW-02 are planned for future operation to address the concentrations at PMW-02.

5.2 Best Professional Judgement Discussion of Isoconcentration Contours in Southern Plume Area

The 2015 CAO requires that chromium isoconcentration contour lines be drawn by a licensed Professional Geologist or Civil Engineer by evaluating and reporting the site-specific conditions using best professional judgement and considering the following factors at a minimum:

- Geology
- Hydrogeology
- Geochemistry
- Technical information released on the USGS background study of chromium concentrations.

Geology, hydrogeology, and geochemical conditions were considered in the development of isoconcentration contours presented on Figures 5-1 through 5-6. Domestic well data were also considered, and the differences between monitoring wells and supply wells were factored into the technical interpretation and explanation of the data. As of the date of this report, no technical information on the USGS background study was available for consideration. It should be noted that the 2015 CAO-required maximum UA extent isoconcentration map presented on Figure 5-5 does not acknowledge the complexity of the site, the appreciable thickness of the aquifer, or the changing hydrogeology throughout

the significant size of the project area (see Figure 1-2). PG&E believes that the zone-specific figures (Figures 5-1 and 5-2) present a more accurate interpretation of the distribution of chromium, which is different for the shallow and deep UA zones shown on these figures. Areas where best professional judgement has been used are discussed below. Concentrations in the following monitoring wells exceed the interim background Cr(VI) and Cr(T) concentrations of 3.1 and 3.2 µg/L, respectively, that are disconnected from the contiguous 3.1/3.2 µg/L isoconcentration contour on Figures 5-1, 5-2, and 5-5:

- In the eastern area between Alcudia and Thompson Roads east of the contiguous plume area, chromium concentrations in well MW-97S have been disconnected from the contiguous isoconcentration contour for the following reasons:
    - Monitoring well MW-97S is screened across weathered bedrock and is located cross-gradient from the contiguous plume area. In the absence of sufficient groundwater extraction to locally draw the plume cross-gradient, and considering the markedly unique geochemical signature at this well compared with other monitoring wells in the area, chromium detected in groundwater in this well should not be connected to the contiguous isoconcentration contour.
    - During the Second Quarter of 2019, monitoring well MW-97S contained total dissolved solids (TDS) at 250 milligrams per liter (mg/L), whereas most wells east of this well (MW-79S, MW-84S, and others) contain TDS at concentrations exceeding 1,000 mg/L (Arcadis 2019c). Similarly, MW-97S contained TDS at 270 mg/L during the Fourth Quarter of 2019 (Arcadis 2020a) and 220 mg/L during the Second Quarter of 2020.
    - In the Fourth Quarter of 2013, nitrate as nitrogen concentrations at monitoring well MW-97S were non-detect, whereas concentrations at monitoring wells MW-79S and MW-94S were 12.4 and 8.07 mg/L, respectively (CH2M 2014). The nitrate as nitrogen concentration at monitoring well MW-97S in the Second Quarter 2020 continued to be low at 0.17 mg/L. These data illustrate that groundwater near monitoring well MW-97S originates from a different source than the groundwater in monitoring wells MW-79S, MW-84S, and MW-94S; therefore, the chromium isoconcentration contour should not be extended around monitoring well MW-97S.
- In the area along and north of Thompson Road, chromium concentrations in wells MW-127S1, MW-206S, and MW-105S have been disconnected from the contiguous isoconcentration contour as follows:
    - The Cr(VI) and Cr(T) concentrations at MW-127S1 were 3.4 and 4.0 µg/L, respectively, which exceed the interim background thresholds. Because historical data fluctuate above and below the contouring thresholds (Table 4-1), and wells located between MW-127S1 and the contiguous plume (MW-70S, MW-84S, MW-85S, and MW-89S) exhibit concentrations below these thresholds, MW-127S1 has been disconnected from the contiguous 3.1/3.2 µg/L isoconcentration contour.
    - The Cr (VI) and Cr(T) concentrations at MW-206S were 3.5 and 4.6 µg/L, respectively, which exceeded the interim background thresholds. Because historical data fluctuate near contouring thresholds (Table 4-1), and wells located between MW-206S and the contiguous plume (MW-84S and G-1R) exhibit concentrations below these thresholds, MW-206S has been disconnected from the contiguous 3.1/3.2 µg/L isoconcentration contour.

  - The Cr(VI) and the Cr(T) concentrations at MW-105S were 3.1 and 4.2 µg/L, respectively, which exceed the interim background contouring thresholds. Because well EX-32, located between MW-105S and the contiguous plume, exhibited concentrations below the thresholds, MW-105S has been disconnected from the contiguous 3.1/3.2 µg/L isoconcentration contour.

- In the area along and north/south of Alcudia Road and east of Mountain View Road, chromium concentrations in well MW-83S have been disconnected from the contiguous isoconcentration contour as follows:

  - The Cr(VI) and the Cr(T) concentrations at MW-83S were 3.5 and 4.7 µg/L, which exceed the interim background contouring thresholds of 3.1 µg/L and 3.2 µg/L, respectively. Results in well MW-83S have exceeded both the Cr(VI) and the Cr(T) interim background contouring thresholds since First Quarter of 2019. However, Cr(VI) concentration data for numerous wells south and east of this well continue to be below the contouring thresholds (DW-03, MW-68S, MW-69S, and MW-170S). Therefore, well MW-83S was not connected to the contiguous 3.1/3.2 µg/L isoconcentration contour.

- In the area south of Alcudia Road on Mullinax Road chromium concentrations at MW-214S have been disconnected from the contiguous plume. The Cr(T) concentration exceeded the contouring threshold but the Cr(VI) was not detected at the laboratory reporting limit so well MW-214S was not connected to the contiguous 3.1/3.2 isoconcentration contour west of this well.

  At the NWFI system, near Serra Road and the Barstow Bakersfield Highway, freshwater sourced from southeast of the chromium plume is continuously injected in up to six wells. PG&E has been operating the NWFI system since March 2010 to provide a freshwater mounding effect in this area and to prevent potential westward migration of the chromium plume. Current east-to-northeast groundwater flow in this area is shown on Figures 3-1 and 3-2 at 1-foot contour intervals for more detail. Groundwater gradients in the NWFI system area demonstrate an east-northeast flow direction, which has effectively prevented westward migration of the chromium plume. Therefore, wells with Cr(VI) and Cr(T) concentrations greater than the interim background concentrations of 3.1/3.2 µg/L west of the NWFI system have not been connected to the contiguous 3.1/3.2 µg/L isoconcentration contour east of the NWFI system.

  The consistent eastward groundwater gradients have previously been reported and are supported by the decreasing chromium concentration trends at many wells east of the NWFI (CH2M 2013; CH2M and Arcadis 2013; Arcadis 2017b). Previous reporting by PG&E has suggested that the area west of the NWFI system may contain elevated levels of natural chromium not associated with the PG&E plume (CH2M and Stantec 2013). Whether chromium west of Serra Road is naturally occurring or was historically sourced from PG&E's plume, connecting chromium detections at EX-36, MW-121D, MW-153S, and MW-203D west of the NWFI system to concentrations east of the NWFI would suggest that the NWFI system and gradients created by extensive pumping east of the NWFI system are ineffective at preventing westward plume migration. This is not supported by groundwater level measurements. Wells west of the NWFI system that were disconnected from the contiguous 3.1/3.2 µg/L isoconcentration contour include the following:

  - During the Second Quarter of 2020, both Cr(VI) and Cr(T) concentrations greater than the interim background levels were reported for well MW-121D. Chromium concentrations have consistently exceeded the contouring thresholds at this well, and a bubble remains drawn around MW-121D.

- During the Second Quarter of 2020, Cr (VI) and Cr(T) concentrations at MW-153S were 2.9 and 4.1 µg/L and 3.6 and 3.9 µg/L, respectively, during the initial and resampling events. Cr(T) concentrations exceeded contouring thresholds in the Third Quarter of 2019 but fell below in the Fourth Quarter 2019. An isolated bubble was drawn around MW-153S.
- Similarly, inactive extraction well EX-36 was sampled twice during the Second Quarter of 2020 and yielded anomalous Cr(T) results compared to the Cr(VI) sample results during each sampling event. Resampling yielded Cr(VI) and Cr(T) results of 0.98 and 23 µg/L, respectively. EX-36 was formerly operated full-time (at a low flow rate of less than 1 gallon per minute) before it began to be sampled as an inactive extraction well starting in the Fourth Quarter of 2018. Before the Fourth Quarter of 2018, Cr(T) and Cr(VI) results of less than 2 µg/L were consistently reported. Extraction well EX-36 never yielded either Cr(T) or Cr(VI) concentrations exceeding the contouring threshold before the Cr(T) results for Fourth Quarter 2018. Furthermore, Cr(VI) results have remained below the contouring thresholds. For these reasons isolated 3.1/3.2 µg/L and 10 µg/L bubbles have been drawn around EX-36 instead of connecting it to MW-153S and MW-121D. Based on the consistent Cr(VI) results that remain below 3.1 µg/L, it is likely that the Cr(T) results for this inactive well are affected by particulates now that the wells is no longer in continuous operation.
- During the Second Quarter of 2020, the Cr(VI) and Cr(T) concentrations at MW-203D were non-detect and 2.4 µg/L, respectively, and 0.88 and 3.7 µg/L, respectively, during initial and resample events. Because historical data fluctuate near contouring thresholds (Table 4-1), and wells located between MW-203D and the contiguous plume (MW-164D, MW-201D, and MW-168D) exhibit concentrations below these thresholds, MW-203D has been disconnected from the contiguous 3.1/3.2 µg/L isoconcentration contour.

- In response to decreasing chromium concentrations in the Santa Fe Avenue area due to focused groundwater extraction, the contiguous 10 µg/L isoconcentration contour in the deep zone of the UA was retracted to end south of Santa Fe Avenue with a separated remnant 10 µg/L isoconcentration contour drawn north of the new contiguous plume area at Santa Fe Avenue beginning in the Second Quarter of 2019 (Figure 5-2). Data that first supported and continue to support this interpretation include the following monitoring data (see Table 4-1 and E-1):

  - During the Second Quarter of 2020, the Cr(VI) concentrations at MW-42B1 and MW-42B2 were 3.9 µg/L and 5.1 µg/L, respectively. These concentrations have steadily decreased over time from a maximum of 45.6 µg/L at MW-42B1 (August 2006) and 54.6 µg/L at MW-42B2 (January 2012).
  - During the First Quarter of 2020, Cr(VI) and Cr(T) concentrations in MW-23B were 4.1 and 3.8 µg/L, respectively. Cr(VI) concentrations at MW-23B have decreased steadily over time from a concentration of 46.0 µg/L as recently as January 2015. Well MW-23B was not sampled during the Second Quarter of 2020.
  - The Cr(VI) and Cr(T) concentrations in MW-22B were 7.5 µg/L and 7.1 µg/L in the Second Quarter 2020, respectively. Cr(VI) concentrations at MW-22B have decreased steadily over time from a maximum of 36.8 µg/L April 2013.
  - The Cr(VI) and Cr(T) concentrations in extraction well IW-01 have also decreased over time, and concentrations were less than 10 µg/L from 2019 through the Second Quarter of 2020. IW-01 is screened across both the shallow and deep zones of the UA, and concentrations at monitoring

wells in this area are below the 10 µg/L threshold at both depths (Figures 5-1 and 5-2). Chromium concentrations at adjacent extraction wells IW-02 and IW-03 have also been below the 10 µg/L threshold consistently for the past year or more.

- Extraction well EX-37 is screened across both the UA alluvium and LA weathered bedrock, where the transitional blue clay is present, allowing for hydraulic communication between both monitoring zones (Figure 5-3). Based on Cr(VI) concentration data for UA extraction and monitoring locations (EX-29, EX-30, and MW-23B) near EX-37 that are below 10 µg/L, concentrations greater than 10 µg/L reported for extraction well EX-37 are estimated to be localized and come primarily from the weathered bedrock. This is shown as an area with concentrations greater than 10 µg/L on the LA plume map (Figure 5-3). As a result, an isolated 10 µg/L contour remains around EX-37 on Figures 5-2 and 5-5 depicting the estimated concentration distribution of 10 µg/L in the Upper Aquifer.

In response to increasing chromium concentrations at CA-MW-601, the 50 µg/L isoconcentration contour has been extended north of Barstow-Bakersfield Highway. Cr(VI) and Cr(T) concentrations in CA-MW-601 have been greater than 10 µg/L since the Fourth Quarter of 2016. Cr(VI) concentrations at this well have been increasing since the Second Quarter of 2019, with concentrations of 14 µg/L increasing to 50 µg/L, respectively, in the Second Quarter of 2020. This increase is likely due to elevated Cr(VI) concentrations at the western end of the Central Area IRZ that cannot be addressed with existing site infrastructure. On June 6, 2019, PG&E submitted the 2019 Western IRZ Expansion Basis of Design with plans to delineate Cr(VI) and expand the remedial system to address Cr(VI) migrating to the west of the Central Area IRZ. On September 20, 2019, PG&E submitted a memorandum with recommended proposed modifications to Notice of Applicability of General Waste Discharge Requirements for IRZs and the Freshwater Injection System, which includes expanding the allowable IRZ operational area to include proposed IRZ well installations.

On the eastern portion of the plume, near Summerset Road and south of Carson Road, Cr(VI) concentrations at SC-MW-04D, SC-MW-05D, and SC-MW-05D increased during the First Quarter of 2020. The cause of Cr(VI) concentration increases in this area were likely attributed to a northeasterly gradient being created by southeastern SCRIA IRZ injections, coupled with a decrease in extraction rates at the Community East ATU extraction wells over the winter season. In response, IRZ injections were suspended or decreased at eastern IRZ wells, and extraction was resumed at extraction wells EX-51 and EX-52 in March 2020. These activities corresponded with a reduction in Cr(VI) and Cr(T) concentrations at SC-MW-04D, SC-MW-05D, and SC-MW-06D along Summerset Road in the Second Quarter of 2020, as reflected by the contracted 3.1/3.2 µg/L and 10 µg/L contours in this area. Cr(VI) and Cr(T) concentrations in monitoring wells SC-MW-05D and SC-MW-06D fell below 3.1/3.2 µg/L. These monitoring wells are now located to the east, outside of the 3.1/3.2 µg/L contour. The Cr(T) concentration at SC-MW-04D of 3.3 µg/L in the Second Quarter 2020 also resulted in contraction of the 10 µg/L isoconcentration contour to the west of the well. To improve hydraulic containment in this area, PG&E submitted a Basis of Design of plans to construct a new extraction well in this area on July 13, 2020 (Arcadis 2020d).

The Cr(VI) concentrations at well MW-56 fluctuated up and down from the Third Quarter 2018 through the Fourth Quarter of 2019, ranging from 7.3 to 16 µg/L, respectively. The Cr(VI) and Cr(T) concentrations in MW-56 in the Second Quarter 2020 were both 10 µg/L. Because the concentrations remained below 10 µg/L at wells to the south (such as IW-02, IW-03, and MW-22B), the 10 µg/L contour remains

disconnected from the contiguous plume to the south but has been combined with the other two wells to the north (EX-01 and MW-30B2). Extraction well EX-01 continues to yield Cr(VI) concentrations greater than 10 µg/L. Cr(VI) concentrations at well MW-30B2 decreased below 10 µg/L after yielding a Cr(VI) concentration of 29 µg/L in First Quarter 2020. Three other monitoring locations (MW-21B1, EX-02 and EX-34) north of EX-01 previously yielded concentrations greater 10 µg/L, but concentrations in these wells have also been below 10 µg/L during recent monitoring events and continue to show declining chromium trends.

In the southernmost area of the plume at the compressor station (south of Community Boulevard), the 3.1/3.2 µg/L and 10 µg/L isoconcentration contours were disconnected from the contiguous contours north of this area beginning in the Third Quarter 2019. This change was made due the observation of treatment of the chromium plume by in situ remediation in the area at monitoring wells SA-MW-26S, SA-MW-41, SA-MW-32S, SA-SM-08S, SA-SM-04S, SA-SM-05S, SA-SM-11S, SA-MW-35S, and SA-MW-36S. See Appendix H for maps showing the concentration data supporting the revised isoconcentration contour interpretation in this area.

5.3 Northern Disputed Plume Area

The Northern Disputed Plume Area includes North Hinkley Valley (Thompson Road to Red Hill) and Water Valley (north of Red Hill). As stated in previous quarterly reports, PG&E believes that applying the interim chromium background concentrations developed for South Hinkley Valley to North Hinkley Valley/Water Valley is inappropriate. Among other issues, such as sample collection from long-screen supply wells where well construction was unknown, groundwater samples collected as part of the 2007 background study (CH2M 2007) did not include wells located north of Thompson Road; therefore, applying this standard to wells north of this area is inappropriate. The USGS is currently studying these areas in detail as part of their revised background study. The results of this effort will be used to evaluate the source and levels of naturally occurring chromium concentrations north of Thompson Road.

CAO-required monitoring wells MW-219S1 and MW-219S2, located near Coon Canyon Road and Mountain General Road, were first sampled during the Fourth Quarter of 2016. Cr(VI) concentrations in MW-219S1 have fluctuated above and below the 3.1 µg/L interim background value since the well was first sampled in the Fourth Quarter of 2016. The Northern Disputed Plume Area isoconcentration contour continues to be drawn to pass slightly east of MW-219S1 (outside of) based on the Second Quarter of 2020 results. During the Fourth Quarter of 2018, monitoring wells MW-226S/D on Sonoma Street east of Mountain View Road were constructed and sampled for the first time. Both MW-226S/D were sampled during Second Quarter of 2020, and sample results continued to be below the interim background levels. Additional sampling of MW-219S1/S2 and MW-226S/D is recommended before considering the need for additional well installation in this area.

During Fourth Quarter 2019, the Cr(T) concentration at MW-197S3, located near Coon Canyon Road and Mountain General Road, was 3.9 µg/L. There was no detection of Cr(VI). Well MW-197S3 was not sampled during the Second Quarter of 2020. Neither Cr(VI) nor Cr(T) have been reported at concentrations greater than the interim contouring thresholds during previous monitoring. As a result, an isolated 3.1/3.2 µg/L bubble was added around MW-197S3.

The Cr(VI) and the Cr(T) concentrations at MW-137S3, located along Mountain View Road, were both 13 µg/L during the Second Quarter 2020. This well had contained Cr(VI) or Cr(T) concentrations above

10 µg/L during the Fourth Quarter 2019, but not historically. As a result, an isolated 10 µg/L contour was added around MW-137S3 in the Fourth Quarter of 2019 and remains. As discussed in Section 4.1.2, there are no domestic wells within 0.5 mile downgradient of well MW-137S3; therefore, no actions will be taken based on this detection. The source of chromium at MW-137S3 may be a related to the presence of chromium levels in the northern part of Hinkley Valley that are naturally higher than those south of the Northern Disputed Plume Area. Another Northern Disputed Plume Area well MW-154S1 (located northeast of well MW-137S3) previously yielded chromium concentrations greater than 10 µg/L from March 2012 through July 2016. These results appear to have been localized to the area around that well. Monitoring data for well MW-137S3 and other wells in the area will continue to be evaluated to confirm that the 10 µg/L contour remains localized to the MW-137S3 area. Well MW-137S3 will be sampled next in the Fourth Quarter of 2020.

5.4 Changes from the First Quarter of 2020 Chromium Distribution

This section compares the maximum composite chromium plume outline for the current monitoring period with the First Quarter of 2020 maximum plume outline. The extent of the 10, 50, and 1,000 µg/L contiguous isoconcentration contours for Cr(VI) and/or Cr(T), respectively, during the Second Quarter of 2020 were generally comparable to or smaller in extent than the contours presented in the First Quarter of 2020 (Arcadis 2020b). The Second Quarter of 2020 maximum composite chromium plume contour lines (3.1/3.2 µg/L) generally show slight decreases in some areas and slight increases in some areas. These changes are generally interpreted to reflect natural fluctuations in the plume boundaries as remediation progresses, and not to indicate that plume migration is occurring.

Figure 5-6 shows the maximum composite plume outline (3.1/3.2 µg/L) in the UA from the Second Quarter of 2020 sampling event (as shown on Figure 5-5) compared to the plume outline presented in the First Quarter of 2020 report (Arcadis 2020b). The areas where the Cr(VI)/Cr(T) 3.1/3.2 µg/L plume contours changed significantly between monitoring events are summarized below. Additional slight changes to the maximum plume outline not listed below are shown on Figure 5-6 and are more an artifact of combining the contours developed for the depth-specific Figures 5-1 and 5-2 than actual changes in plume geometry.

- Northern Disputed Plume Area:
    - The 3.1/3.2 Northern Disputed Plume Area isoconcentration contour was contracted at wells MW-106S and MW-113S1 based on the Second Quarter of 2020 concentrations of Cr(VI) and Cr(T), which were below the contouring threshold.
- Western Area:
    - A bubble 3.1/3.2 µg/L contour was removed from around MW-169S2 based on the Second Quarter of 2020 concentrations of Cr(VI) and Cr(T), which were below the contouring thresholds.
    - A bubble 3.1/3.2 µg/L contour was added around MW-203D based on the Second Quarter of 2020 concentration of Cr(T), which was above the contouring threshold.
    - A bubble 3.1/3.2 contour was added around MW-153S based on the Second Quarter of 2020 concentrations of Cr(VI) and Cr(T), which were above the contouring thresholds.

- Thompson Road Area:
  - The 3.1/3.2 µg/L chromium isoconcentration contour was extended to the west at EX-35 based on the Second Quarter of 2020 concentrations of Cr(VI) and Cr(T), which were above the contouring thresholds.
  - A bubble 3.1/3.2 µg/L contour was added around MW-105S. This change was based on the Second Quarter of 2020 Cr(VI) and Cr(T) concentrations, which were above the contouring thresholds.
- Alcudia Road Area:
  - The 3.1/3.2 µg/L chromium isoconcentration contour was retracted south of MW-68D based on the Second Quarter of 2020 concentrations of Cr(VI) and Cr(T) at MW-68D, which were below the contouring thresholds.
  - A bubble 3.1/3.2 µg/L contour was removed around EX-23. This change was based on the Second Quarter Cr(VI) and Cr(T) concentrations, which were below the contouring thresholds.
  - South of Alcudia Road on Mullinax Road, a 3.1/3.2 bubble contour was added to well MW-214S, where Cr(T) concentrations exceeded the contouring threshold. Cr(VI) was not detected at the laboratory reporting limit; therefore, well MW-214S was not connected to the contiguous 3.1/3.2 isoconcentration contour west of this well.
- Eastern Acacia Street on Mullinax Road:
  - The 3.1/3.2 µg/L chromium isoconcentration contour was contracted west of well MW-110S. This change was based on the Second Quarter of 2020 Cr(VI) and Cr(T) concentrations, which were below the contouring threshold.
- Frontier Road and Summerset Road Area:
  - The 3.1/3.2 µg/L contour was contracted west of SC-MW-06D and SC-MW-05D based on the Second Quarter of 2020 concentrations of Cr(VI) and Cr(T), which were below the contouring thresholds. The 10 µg/L was also contracted to the west of well SC-MW-06D.
- Compressor Station:
  - The southwestern side of the 3.1/3.2 µg/L primary contiguous contour outline was contracted north to reflect the decrease in concentrations of Cr(VI) and Cr(T) at SA-SM-08D during the Second Quarter 2020.
  - The southeast side of the 3.1/3.2 µg/L southernmost separated contour was moved to the south (expanded) to reflect the increase in chromium concentrations at BW-01S during the Second Quarter 2020.

6 PLANNED ACTIVITIES FOR THE THIRD QUARTER OF 2020

6.1 Groundwater Monitoring Program

The next site-wide groundwater monitoring is a quarterly GMP sampling event scheduled for July through September 2020 (Third Quarter of 2020). Sampling and reporting for the Third Quarter of 2020 GMP will be performed in accordance with the 2015 CAO and reported to the Water Board by November 10, 2020.

6.2 Domestic Well Program

Domestic well sampling will be conducted during the Third Quarter of 2020 in accordance with the 2015 CAO. PG&E intends to perform domestic well destruction (as described in Section 2.2) during the Third Quarter of 2020 reporting period pending Water Board approval. An update on these activities will be provided in the Third Quarter 2020 GMP Report.

6.3 CAO Well Installation and Sampling

Monitoring wells proposed for installation have been installed and sampled. Existing monitoring well MW-132S continues to not be sampled due to the presence of desert tortoise habitat. PG&E will continue to provide updates on access to MW-132S in future GMP reports.

Collection of additional monitoring data from the new monitoring wells MW-226S and MW-226D is recommended before considering the installation of additional monitoring wells in the MW-219S1/S2 area.

7 WORKS CITED

Aquifer Science and Technology. 2007. Report on the Geophysical Investigations for the Harper-Hinkley Gap Area near Hinkley, California, for the Mojave Water Agency. May.

Arcadis. 2016a. Annual Cleanup Status and Effectiveness Report, January to December 2015, Hinkley Compressor Station, Hinkley, California. February 26.

Arcadis. 2016b. Updated Conceptual Site Model and Background Chromium Concentrations for Lower Aquifer Report, PG&E Compressor Station, Hinkley, California. May 2.

Arcadis. 2016c. Revised Recommendations for Alternative Capture Metrics – Northern Agricultural Treatment Units, PG&E Hinkley Compressor Station, Hinkley, California. August 31.

Arcadis. 2017a. Implementation of Annual Sampling Frequency Evaluation under Clean-up and Abatement Order R6V-2015-0068, Pacific Gas and Electric Company Hinkley Compressor Station, Hinkley, California. January 11.

Arcadis. 2017b. Revised Implementation of Annual Sampling Frequency Evaluation under Clean-up and Abatement Order R6V-2015-0068, Pacific Gas and Electric Company Hinkley Compressor Station, Hinkley, California. January 26.

Arcadis. 2017c. Annual Cleanup Status and Effectiveness Report, January to December 2016, Hinkley Compressor Station, Hinkley, California. February 28.

Arcadis. 2017d. Contingency Plan for Proposed Modifications to the Action Plan for the Western Area, Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California. November 22.

Arcadis. 2018a. 2017 Annual Sampling Frequency Evaluation under Clean-up and Abatement Order R6V-2015-0068, Pacific Gas and Electric Company Hinkley Compressor Station, Hinkley, California. January 2.

Arcadis. 2018b. Revised 2017 Annual Sampling Frequency Evaluation under Clean-up and Abatement Order R6V-2015-0068, Pacific Gas and Electric Company Hinkley Compressor Station, Hinkley, California. January 19.

Arcadis. 2018c. Annual Cleanup Status and Effectiveness Report, January to December 2017, Hinkley Compressor Station, Hinkley, California. February 28.

Arcadis. 2019a. 2018 Annual Sampling Frequency Evaluation under Clean-up and Abatement Order R6V-2015-0068, Pacific Gas and Electric Company Hinkley Compressor Station, Hinkley, California. January 9.

Arcadis. 2019b. Annual Cleanup Status and Effectiveness Report, January to December 2018, Hinkley Compressor Station, Hinkley, California. February 28.

Arcadis. 2019c. Second Quarter 2019 Groundwater Monitoring Report and Domestic Well Sampling Results, Hinkley Compressor Station, Hinkley, California. August 10.

Arcadis 2020a. Fourth Quarter 2019 Groundwater Monitoring Report and Domestic Well Sampling Results, Hinkley Compressor Station, Hinkley, California. February 10.

Arcadis. 2020b. First Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results, Hinkley Compressor Station, Hinkley, California. May 10.

Arcadis. 2020c. Four-Year Comprehensive Cleanup Status and Effectiveness Report, Hinkley Compressor Station, Hinkley, California. March 30.

Arcadis. 2020d. Basis of Design for New Extraction Wells North of Central Area In-situ Reactive Zone and Northeast South-Central Re-Injection Areas, Hinkley Compressor Station, Hinkley, California. July 13.

Arcadis. 2020e. Second Quarter 2020 Hydraulic Capture Monitoring Report, Hinkley Compressor Station, Hinkley, California. July 15.

Arcadis. 2020f. Second Quarter 2020 Monitoring Report for the In Situ Reactive Zone and Northwest Freshwater Injection Projects, Hinkley Compressor Station, Hinkley, California. July 30.

Arcadis. In progress. Second Quarter 2020 Agricultural Treatment Units Monitoring Report. Hinkley Compressor Station, Hinkley, California. August 20.

CH2M. 2007. Groundwater Background Study Report, Hinkley Compressor Station, Hinkley, California. February 28.

CH2M. 2013. Northwest Freshwater Injection System: Summary of Permitting Requirements, Operational History, and System Effectiveness, Hinkley, California. June 25.

CH2M. 2014. Hinkley Area Nitrate Data Summary and Distribution through Fourth Quarter 2013. Results, Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California. March 11.

CH2M and Arcadis. 2013. Northwest Freshwater Injection System: Summary of Permitting Requirements, Operational History, and System Effectiveness. June 25.

CH2M and Stantec. 2013. Conceptual Site Model for Groundwater Flow and the Occurrence of Chromium in Groundwater of the Western Area, Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California. January 14.

Haley & Aldrich. 2010. Feasibility Study, Pacific Gas, and Electric Hinkley Compressor Station, Hinkley California. August 30.

PG&E. 2013. Notification for Abandonment of 37 Inactive Domestic Wells Screened Across the Upper and Lower Aquifers (Phase 1), Pacific Gas and Electric Company (PG&E) Compressor Station, Hinkley, California. November 5.

PG&E. 2014. Notification for Abandonment of 21 Inactive Domestic and Agricultural Supply Wells Screened Across the Upper and Lower Aquifers (Phase 2), Pacific Gas and Electric Company (PG&E) Compressor Station, Hinkley, California. October 23.

PG&E. 2015a. Notification for Abandonment of 23 Inactive Domestic Wells Screened Across the Upper and Lower Aquifers (Phase 3), Pacific Gas and Electric Company (PG&E) Compressor Station, Hinkley, California. June 15.

PG&E. 2015b. Notification for Abandonment of 16 Inactive Domestic and Agricultural Supply Wells Screened Across the Upper and Lower Aquifers (Phase 4), Pacific Gas and Electric Company (PG&E) Compressor Station, Hinkley, California. October 30.

PG&E. 2016. Notification for Abandonment of 13 Inactive Domestic and Agricultural Supply Wells Screened Across the Upper and Lower Aquifers (Phase 5), Pacific Gas and Electric Company (PG&E) Compressor Station, Hinkley, California. March 9.

PG&E. 2017a. Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California. March 21.

PG&E. 2017b. Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California. June 9.

PG&E. 2017c. Request to Abandon Undocumented Domestic Supply Well. Email from Iain Baker (Arcadis) to Anne Holden (Water Board) and Lisa Dernbach (Water Board). July 21.

PG&E. 2017d. Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California. July 26.

PG&E. 2017e. Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California. December 15.

PG&E. 2018a. Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California. February 23.

PG&E. 2018b. Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California. August 31.

PG&E. 2019. Continued Management of Inactive Supply Wells on Property Owned by Pacific Gas and Electric Company in Hinkley, California. December 30.

PG&E. 2020a. Email from I. Baker (PG&E) to J. Zimmerman (Water Board), S. Barker (Water Board), A. Garcia (Mojave Water) and C. Guerra (Water Board), re: Request for Approval to Perform Pilot Test of Modified Groundwater Extraction for Lower Aquifer Remediation. January 9.

PG&E. 2020b. Response to Lahontan Regional Water Quality Control Board Comments on Pacific Gas and Electric Company's (PG&E) Request for Approval to Perform Pilot Test of Modified Groundwater Extraction for Lower Aquifer Remediation, Hinkley Compressor Station, San Bernardino County. February 14.

PG&E. 2020c. Response to IRP Comments on Pacific Gas and Electric Company's (PG&E's) Request for Approval to Perform Pilot Test of Modified Groundwater Extraction for Lower Aquifer Remediation, Hinkley Compressor Station, San Bernardino County. March 27.

Stantec. 2011a. Technical Report in Response to Investigation Order No. R6V-2010-0055 for Delineation of Chromium in the Lower Aquifer, Pacific Gas & Electric Company, Hinkley, California. March 1.

Stantec. 2011b. Technical Report in Response to Investigation Order No. R6V-2011-0043 – Delineation of Chromium in the Lower Aquifer, Pacific Gas and Electric Company, Hinkley, California. August 1.

Stantec. 2011c. Technical Report – Response to Investigation Order No. R6V-2011-0043 – Delineation of Chromium in the Upper Aquifer, Pacific Gas and Electric Company, Hinkley, California. September 1.

Stantec. 2013. Compliance with Provision 1.C. of Cleanup and Abatement Order No. R6V-2008-0002-A4 and Requirements of Investigation Order No. R6V-2013-0029. October 30.

U.S. Geological Survey (USGS). 2019. National Water Information System: Web Interface. Available online at: https://nwis.waterdata.usgs.gov/nwis/dv?site_no=10262500.

Water Board. 2014. Board Order No. R6V-2014-0023 Waste Discharge Requirements for Pacific Gas and Electric Company Groundwater Remediation Project Agricultural Treatment Units WDID No. 6B360303001, Pacific Gas and Electric Company, Hinkley Compressor Station, San Bernardino County. March 12.

Water Board. 2015a. Frequently Asked Questions about Hexavalent Chromium in Drinking Water. September 25.

Water Board. 2015b. Cleanup and Abatement Order No. R6V-2015-0068 Requiring PG&E to Cleanup and Abate Waste Discharges of Total and Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit, PG&E Compressor Station, Hinkley, San Bernardino County. November 4.

Water Board. 2016. Issuance of a New Notice of Applicability of General Waste Discharge Requirements for in-Situ Remediation Zones and the Northwest Freshwater Injection System (Board Order No. R6V-2008-0014), Pacific Gas and Electric Company's Hinkley Compressor Station, San Bernardino County. April 20.

Water Board. 2017a. Email from A. Holden (Water Board) to Margaret Gentile (Arcadis), Iain Baker (PG&E), and Lisa Dernbach (Water Board) Re: Annual Sampling Frequency Evaluation. February 1.

Water Board. 2017b. Domestic Well Abandonment in Hinkley, San Bernardino County. April 17.

Water Board. 2018a. Acceptance of Annual Monitoring Well Sampling Frequency Changes for 2018, pursuant to Cleanup and Abatement Order R6V-2015-0068, Pacific Gas and Electric Company Hinkley Compressor Station, San Bernardino County. January 24.

Water Board. 2018b. Retraction of September 24, 2018 Letter to The Pacific Gas and Electric (PG&E) And Replacement with Letter Herein. Acceptance of Workplan For Investigation of Increasing Chromium Concentrations, PG&E, Hinkley Compressor Station, San Bernardino County. November 1.

Water Board. 2019a. Email from L. Dernbach (Water Board) to Iain Baker (PG&E) Re: Hinkley Annual Sampling Frequency Evaluation. January 24.

Water Board. 2020. Acceptance of December 30, 2019 Request for Inactive Supply Well Destruction in Hinkley, San Bernardino County. March 18.

TABLES

Table 1-1
Monitoring Wells and Piezometers Installed during Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Survey Date	Northing[a]	Easting[a]	Aquifer	Screen Interval (ft bgs)		Measuring Point Elevation (ft msl)	Installation Purpose
					Start Depth	End Depth		
SA-AW-01	07/01/2020	2153173.17	6813993.9	UUA	139.00	169.00	2196.99	Monitoring Underneath Pond 8
SA-AW-02	07/01/2020	2153174.86	6814258.5	UUA	138.00	168.00	2195.75	Monitoring Underneath Pond 8

[a] Horizontal Datum: California State Plane Coordinate System NAD83(CORS), Zone 5, Feet

Abbreviations:
-- = not available
ATU = Agricultural Treatment Unit
bgs = below ground surface
CAO = Cleanup and Abatement Order
CORS = continuously operating reference station
ft = feet
LUA =deep zone upper aquifer
MSL = mean sea level
NAD = North American Datum
UA = upper aquifer
UUA = shallow zone upper aquifer

Table 2-1
Survey Findings for Monitoring Wells Not Sampled during the Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Well Survey Findings
CA-MW-301	Insufficient Water
CA-MW-307S	Insufficient Water
CA-MW-501S	Insufficient Water
MW-03A	Insufficient Water
MW-132S	Biological Habitat
MW-14S	Insufficient Water
MW-179S	Insufficient Water
MW-22A1	Insufficient Water
MW-28A	Insufficient Water
MW-54	Access Denied by Property Owner
MW-63	Insufficient Water
MW-73S	Insufficient Water
SA-MW-07S	Insufficient Water
SA-MW-25S	Insufficient Water
SA-MW-36S	Insufficient Water
SA-MW-37S	Insufficient Water
SC-MW-01S	Insufficient Water
SC-MW-02S	Insufficient Water
SC-MW-03S	Insufficient Water
SC-MW-11SR	Insufficient Water
SC-MW-14S	Insufficient Water

TOTAL NUMBER OF WELLS: 21

Note:

Monitoring wells with screens containing 4 feet of water or less are generally considered to have insufficient water for sampling purposes as they are not expected to yield representative monitoring results.

Table 2-2
Domestic Wells Sampled During Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well [a]	Location Type Code	Status Code
Wells Sampled This Quarter in the CAO Domestic Well Sampling Program		
01-01A	DOM	ACT
02-02A	DOM	ACT
02-02B	DOM	ACT
02-23	DOM	ACT
22-103	DOM	ACT
22-48	DOM	ACT
22-60	DOM	ACT
22-75	DOM	ACT
22-82	DOM	ACT
25-16	DOM	ACT
27-16	DOM	ACT
27-26	DOM	ACT
27-42	DOM	ACT
27-43	DOM	ACT
27-48	DOM	ACT
27-49	DOM	ACT
28-20	DOM	ACT
28-22	DOM	ACT
28-36	DOM	ACT
28-40	DOM	ACT
28-51	DOM	ACT
28-82	DOM	ACT
28N-05	DOM	ACT
30E-01	DOM	ACT
30E-12	DOM	ACT
31E-07	DOM	ACT
34-63	DOM	ACT
34-77	DOM	ACT
36-26	DOM	ACT
36-41	DOM	ACT
BGS-48	DOM	ACT
Wells on PG&E-owned Property		
23-30	DOM	ACT
26-65	DOM	ACT
26-66	DOM	INACT

Table 2-2
Domestic Wells Sampled During Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Note:

[a] To protect the privacy of individual residents, properties are identified only by well number. Names and addresses of property owners can be supplied to the California Regional Water Quality Control Board, Lahontan Region upon request.

Abbreviations:
ACT = active
CAO = Cleanup and Abatement Order
DOM = domestic supply well
INACT = inactive
PG&E = Pacific Gas and Electric Company

Table 2-3
Survey Findings for Domestic Wells Not Sampled During the Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Location Type Code	Status Code	Well Survey Findings
Wells within the CAO Domestic Well Sampling Program			
LocID	LocationTypeCode	StatusCode	Reason
01-02	DOM	INACT	Well was inactive in Second Quarter 2020.
14-15	DOM	ACT	Unable to coordinate with owner.
15-04	DOM	INACT	Unoccupied in Second Quarter 2020.
15-07	DOM	INACT	Well was inactive in Second Quarter 2020.
15-09	DOM	INACT	Well was inactive in Second Quarter 2020.
15-10	DOM	INACT	Well was inactive in Second Quarter 2020.
15-11	DOM	INACT	Well was inactive in Second Quarter 2020.
15-12	DOM	INACT	Well was inactive in Second Quarter 2020.
15-14	DOM	INACT	Owner refused future sampling in July 2013.
22-04	DOM	INACT	Well was inactive in Second Quarter 2020.
22-09	DOM	ACT	Unable to coordinate with owner.
22-105	DOM	INACT	Well was inactive in Second Quarter 2020.
22-106	DOM	INACT	Well was inactive in Second Quarter 2020.
22-15	DOM	ACT	Unable to coordinate with owner.
22-23	DOM	INACT	Well was inactive in Second Quarter 2020.
22-26	DOM	ACT	Owner refused retrofit in January 2011.
22-30	DOM	ACT	Owner refused further sampling in March 2015.
22-44	DOM	INACT	Well was inactive in Second Quarter 2020.
22-59	DOM	ACT	Owner refused further sampling in June 2016.
22-62	DOM	INACT	Well was inactive in Second Quarter 2020.
22-63	DOM	ACT	Unable to coordinate with owner.
22-69	DOM	ACT	Owner refused future sampling in January 2015.
22-74	DOM	ACT	Unable to coordinate with owner.
22-78	DOM	ACT	Unable to coordinate with owner.
22-79	DOM	ACT	Unable to coordinate with owner.
22-81	DOM	ACT	Unable to coordinate with owner.
22-83	DOM	INACT	Owner refused future sampling in October 2014.
22-88	DOM	INACT	Retrofit has been removed. Unable to sample.
22-95	DOM	INACT	Unoccupied in Second Quarter 2020.
22-96	DOM	INACT	Unoccupied in Second Quarter 2020.
25-18	DOM	ACT	Owner refused future sampling in January 2016.
27-41	DOM	ACT	Owner refused retrofit in January 2011.
28-05	DOM	ACT	Unoccupied in Second Quarter 2020.
28-08	DOM	ACT	Unable to coordinate with owner.
28-09	DOM	ACT	Unable to coordinate with owner.
28-16	DOM	ACT	Unable to coordinate with owner.
28-17	DOM	ACT	Owner refused future sampling in October 2014.
28-21	DOM	ACT	Unable to coordinate with owner.
28-28	DOM	ACT	Owner refused future sampling in October 2014.
28-31	DOM	INACT	Unoccupied in Second Quarter 2020.
28-42	DOM	ACT	Owner refused future sampling in April 2013.
28-69	DOM	INACT	Unoccupied in Second Quarter 2020.

Table 2-3
Survey Findings for Domestic Wells Not Sampled During the Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Location Type Code	Status Code	Well Survey Findings
28-75	DOM	INACT	Well was inactive in Second Quarter 2020.
28-76	DOM	ACT	Owner refused future sampling in March 2019.
28-78	DOM	ACT	Owner refused future sampling in July 2015.
28-81	DOM	ACT	Unable to coordinate with owner.
28N-01	DOM	ACT	Owner refused future sampling in July 2014.
28N-02	DOM	ACT	Owner refused future sampling in July 2014.
28N-03	DOM	ACT	Owner refused future sampling in July 2014.
28N-04	DOM	ACT	Well was inactive in Second Quarter 2020.
28N-06	DOM	ACT	Owner refused future sampling in March 2014.
30E-11	DOM	INACT	Unoccupied in Second Quarter 2020.
33N-02	DOM	ACT	Owner refused future sampling in July 2015.
34-50	DOM	ACT	Unable to coordinate with owner.
34-53	DOM	INACT	Well was inactive in Second Quarter 2020.
BGS-25	DOM	ACT	Unable to coordinate with owner.
BGS-46	DOM	ACT	Unable to coordinate with owner.
TOTAL NUMBER OF WELLS:	**58**		

Abbreviations:
ACT = Active well
CAO = Cleanup and Abatement Order
DOM = Domestic well use
INACT = Inactive well. Well is not currently in use but could be made operational after minor testing/work.

Table 2-4
Wells Removed from the Domestic Well Sampling Program, Second Quarter 2020
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Date Destroyed	Well Within 2015 CAO?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0497-011-18	05/29/20		Y	BGS-48	DOM	INACT	No	40	10/08/19	0.081	ND (1.0)	MW-114S, MW-114D1, MW-114D2	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes

Wells on PG&E-owned property (purchased after Jan 2011) that were not included in the mandatory DWSP

None

Abbreviations:
APN = assessor's parcel number
CAO = corrective action order
Cr(T) = total chromium
Cr(VI) = hexavalent chromium
DOM = domestic
DWSP = Domestic Well Sampling Program
INACT = inactive
ND = not detected
PG&E = Pacific Gas and Electric Company
ppb = parts per billion

Reference:
California Regional Water Quality Control Board' Lahontan Region. 2015. Cleanup and Abatement Order No. R6v-2015-0068 Requiring PG&E to Cleanup and Abate Waste Discharge of Total Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit, PG&E Compressor Station, Hinkley, San Bernardino County. November 4.

= domestic well is located within 2,000 feet of a multi-level monitoring well (Group 1)
= domestic well is not located within 2,000 feet of a multi-level monitoring well. No data available to indicate Cr(VI) and Cr(T) concentrations greater than 2 ppb after September 29, 2011 (Group 2)
= domestic well is not located within 2,000 feet of a multi-level monitoring well (Group 3)

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2020
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0488-151-20	09-Aug-13	Yes	03-24	DOM	INACT	Yes	9	02-Jul-13	2.3	2.1	--	No	Well located upgradient/crossgradient of the compressor station; well is also located upgradient of the Lockhart Fault	Yes
0488-151-23	25-Feb-13	Yes	03-21	DOM	INACT	Yes	5	08-Jan-13	2.1	2	--	No	Well located upgradient/crossgradient of the compressor station; well is also located upgradient of the Lockhart Fault	Yes
0495-074-07	20-Feb-13	Yes	22-43	DOM	DES	Yes	6	03-Oct-12	0.09	ND (1)	--	Yes	Multi-level well MW-171S/D1/D2 is within 1,500 feet-2,500 feet	Yes
0495-074-07	20-Feb-13	Yes	22-66	DOM	DES	Yes	4	10-Oct-12	1.7	2.4	--	Yes	Multi-level well MW-171S/D1/D2 is within 1,500 feet-2,500 feet	Yes
0495-063-06	04-Dec-12	Yes	22-19	DOM	DES	Yes	9	04-Oct-12	1.1	1.9	--	Yes	Multi-level well MW-171S/D1/D2 is within 1,500 feet-2,500 feet	Yes
0495-064-09	31-Oct-12	Yes	22-45	DOM	DES	Yes	7	13-Jul-12	1.7	2	MW-118S*	Yes	Multi-level well MW-171S/D1/D2 is within 1,500 feet-2,500 feet	Yes
0495-031-31	21-Feb-20	Yes	24-06	DOM	INACT	No	2	20-Dec-10	0.21	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-063-02	12-Mar-19	Yes	22-70	DOM	INACT	No	8	41548	0.36	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 28, 2011 are less than 2 ppb	Yes
0495-072-10	24-Jan-19	Yes	22-90	DOM	INACT	No	3	41045	1.3	1.0	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 28, 2011 are less than 2 ppb	Yes
0495-071-05	18-May-16	Yes	22-05	WTR	DES	No					--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 28, 2011 are less than 2 ppb	Yes
0495-072-08	18-May-16	Yes	22-22	DOM	DES	No					--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 28, 2011 are less than 2 ppb	Yes
0495-063-04	26-Jun-15	Yes	22-72	DOM	DES	No					--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-062-07	08-May-15	Yes	22-67	DOM	INACT	No	1	04-Apr-13	ND (0.06)	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-113-26	07-Jan-15	Yes	09-01	DOM	INACT	No	7	08-Jul-14	0.13	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-062-08	05-Nov-14	Yes	22-68	DOM	DES	No					--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-10	18-Jun-14	Yes	22-102	DOM	DES	No	9	10-Apr-14	0.96	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-10	18-Jun-14	Yes	22-104	DOM	DES	No	8	10-Apr-14	0.46	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-20	18-Jun-14	Yes	22-47	DOM	DES	No	12	10-Apr-14	1.2	1.3	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-21	14-May-14	Yes	22-06	DOM	DES	No	13	02-Apr-14	ND (0.06)	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-103-11	06-May-14	Yes		DOM	INACT	No	7	01-Jul-13	0.58	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-064-10	25-Apr-14	Yes	22-38	DOM	INACT	No	14	02-Apr-14	ND (0.06)	ND (1.0)	MW-118S*	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-064-10	25-Apr-14	Yes	22-37	DOM	DES	No	16	02-Apr-14	0.6	ND (1.0)	MW-118S*	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-064-12	19-Feb-14	Yes	22-76	DOM	DES	No	4	07-Jan-14	1.4	1.4	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-072-09	27-Sep-13	Yes	22-91	DOM	DES	No	8	02-Jul-13	0.91	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-071-02	16-Aug-13	Yes	22-84	DOM	DES	No	2	09-Jul-12	ND (0.06)	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-071-01	15-Aug-13	Yes	22-25	DOM	DES	No	6	03-Apr-13	0.25	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-073-01	01-Aug-13	Yes	22-107	DOM	DES	No	3	12-Jul-13	0.14	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0494-111-11	03-Jul-13	Yes	28-54	DOM	DES	No	3	16-May-12	1.0	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0494-191-05	25-Jun-13	Yes	28-33	DOM	DES	No	7	04-Apr-13	0.61	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-071-08	20-Jun-13	Yes	22-86	DOM	DES	No	5	01-Apr-13	0.49	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0494-111-16	16-May-13	Yes	28-61	DOM	DES	No	7	17-Jan-13	0.42	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0494-272-03	15-May-13	Yes	28-70	DOM	DES	No	1	09-Aug-12	1.1	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-072-07	18-Apr-13	Yes	22-89	DOM	DES	No	2	07-Jan-13	0.12	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-062-03	16-Apr-13	Yes	22-61	DOM	DES	No	8	16-Jan-13	0.54	ND (1.0)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-063-05	29-Mar-13	Yes	22-18	DOM	DES	No					--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2020
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0497-081-15	28-Mar-13	Yes	BGS-06	DOM	INACT	No	9	17-Jan-13	0.13	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-062-01	07-Mar-13	Yes	22-16	DOM	DES	No	8	08-Oct-12	0.063	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-073-09	29-Jan-13	Yes	22-77	DOM	DES	No	7	07-Jan-13	1.5	1.4	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-071-06	18-Jan-13	Yes	22-87	DOM	DES	No	6	11-Jan-13	0.49	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0494-191-04	18-Jan-13	Yes	28-34	DOM	DES	No	3	04-Oct-12	0.81	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0497-081-17	16-Jan-13	Yes	06-17	DOM	INACT	No	2	08-Oct-12	0.12	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-074-03	21-Dec-12	Yes	22-33	DOM	DES	No	4	12-Jul-12	ND (0.3)	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-074-03	21-Dec-12	Yes	22-34	DOM	DES	No	5	12-Jul-12	1.4	1.4	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-074-05	20-Dec-12	Yes	22-97	DOM	DES	No	5	05-Oct-12	1	1	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-12	21-Nov-12	Yes	22-03	DOM	INACT	No	7	03-Oct-12	1.1	1	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-08	14-Nov-12	Yes	22-13	DOM	DES	No	5	03-Oct-12	0.12	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-22	05-Nov-12	Yes	22-14	DOM	DES	No	5	03-Oct-12	1.5	1.6	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-103-31	03-Oct-12	Yes	15-03	DOM	DES	No	4	06-Apr-12	0.13	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0495-061-01	21-Aug-12	Yes	22-99	DOM	DES	No	3	11-Apr-12	0.24	ND (1)	--	No	Concentrations of Cr(VI) and Cr(T) for samples collected after September 29, 2011 are less than 2 ppb	Yes
0488-112-29	24-Jan-19	Yes	02-13	DOM	INACT	No	19	8-Oct-15	ND (0.06)	ND (1.0)	MW-53*, MW-77S*, MW-77D*, MW-78S*, MW-78D*, MW-181S*, MW-181D*, MW-217S*, MW-217D*, SA-MW-43S*, SA-MW-43M*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-051-40	28-Dec-18	Yes	27-08	DOM	INACT	No	48	2-Apr-13	1.5	1.2	MW-57*, MW-57D*, MW-59*, MW-119S*, MW-119D*, MW-147S*, MW-147D*, MW-148S*, MW-201S*, MW-201D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-051-40	28-Dec-18	Yes	27-38	DOM	INACT	Yes	62	14-Jan-15	0.065	ND (1)	MW-57*, MW-57D*, MW-59*, MW-119S*, MW-119D*, MW-147S*, MW-147D*, MW-148S*, MW-201S*, MW-201D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-051-40	28-Dec-18	Yes	27-39	DOM	INACT	Yes	61	14-Jan-15	0.093	ND (1)	MW-57*, MW-57D*, MW-59*, MW-119S*, MW-119D*, MW-147S*, MW-147D*, MW-148S*, MW-201S*, MW-201D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-051-40	28-Dec-18	Yes	27-40	DOM	INACT	Yes	61	14-Jan-15	1.8	1.5	MW-57*, MW-57D*, MW-59*, MW-119S*, MW-119D*, MW-147S*, MW-147D*, MW-148S*, MW-201S*, MW-201D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-112-04	03-Jul-18	Yes	28-62	DOM	INACT	No	15	05-Oct-16	0.26	ND (1)	MW-165S*, MW-165D*, MW-202S*, MW-202D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-25	29-Jun-18	Yes	14-07	DOM	INACT	Yes	5	8-Oct-12	2.8	2.7	MW-104S1*, MW-104S2*, MW-104D*, MW-106S*, MW-106D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-11	20-Dec-16	Yes	23-27	DOM	INACT	No	9	10-Jul-12	0.069	ND (1)	C-02*, C-03*, EX-31*, EX-33*, G-2R*, G-5R*, MW-112D*, MW-112S*, MW-34*, MW-55A*, MW-55B*, MW-55C*, MW-55S*, MW-71D*, MW-71S*, MW-72D*, MW-72S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-86D*, MW-86S*, MW-87D*, MW-87S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-14	29-Jun-16	Yes	22-108	DOM	DES	No	13	05-Apr-16	0.4	ND (1)	MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-17*, MW- 170S*, MW-171D1*, MW-171D2*, MW-171S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-241-20	8-Jun-16	Yes	36-31	DOM	DES	No	13	8-Jul-15	1.4	1.3	MW-103D*, MW-103S*, MW-145D1*, MW-145D2*, MW-145S*, MW-199D1*, MW-199D2*, MW-199S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-241-20	8-Jun-16	Yes	36-42	DOM	INACT	No					MW-103D*, MW-103S*, MW-145D1*, MW-145D2*, MW-145S*, MW-199D1*, MW-199D2*, MW-199S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0495-041-03	12-May-16	Yes	23-24	DOM	DES	Yes	20	6-Apr-15	0.92	1.3	EX-32*, G-1R*, MW-117D*, MW-117S1*, MW-117S2*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-206S*, MW-69D*, MW-69S*, MW-70D*, MW-70S*, MW-83D*, MW-83S*, MW-84D*, MW-84S*, MW-85D*, MW-85S*, MW-89D*, MW-89S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-191-16	7-Apr-16	Yes	28-25	DOM	INACT	Yes	17	2-Apr-15	1.7	1.8	MW-147D*, MW-147S*, MW-201D*, MW-201S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-16	11-Mar-16	Yes	22-39	DOM	DES	No	22	22-Jan-16	ND (0.06)	ND (1.0)	MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-129S*, MW-171D1*, MW-171D2*, MW-171S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-04	10-Dec-15	Yes	23-28	DOM	DES	No	14	16-Oct-15	ND (1.0)	0.77	MW-105S, MW-105D, MW-107S, MW-107D	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-011-19	15-Aug-19	Yes	25-14	DOM	DES	No	23	15-Jul-09	0.7	ND (1.0)	C-02*, MW-34*, MW-41A*, MW-41B*, MW-41S*, MW-50A*, MW-50B*, MW-50S*, MW-86D*, MW- 86S*, MW-87D*, MW-87S*, MW-88D*. MW-88S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-031-43	15-Aug-31	Yes	34-58	DOM	DES	No	15	15-Jul-15	0.23	ND (1.0)	MW-149S*, MW-155D*, MW-155S*, MW-48*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-38	15-Sep-04	Yes	24-05	DOM	DES	No					G-1R*, MW-107D*, MW-107S*, MW-72D*, MW-72S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-84D*, MW-84S*, MW-94D*, MW-94S*, MW-97D*, MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-21	15-Jul-02	Yes	23-07	DOM	DES	Yes	17	14-Oct-09	2	2.5	DW-02*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-129S*, MW-63*, MW-83D*, MW-83S*, MW-89D*, MW-89S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-103-10	25-Jun-15	Yes	15-15	DOM	INACT	No	9	01-Oct-13	0.87	1.1	MW-173D*, MW-173S1*, MW-173S2*, MW-175D*, MW-175S1*, MW-175S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-311-21	14-May-15	Yes	33-06	WTR	DES	No					MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-311-30	12-May-15	Yes	33-30	DOM	DES	No	9	19-Jan-15	0.58	ND (1.0)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-07	08-May-15	Yes	34-48	DOM	DES	No	1	22-Aug-07	3.3	3.3	MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-153S*, MW-165D*, MW-165S*, MW-202D*. MW-202S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-021-06	20-Feb-15	Yes	36-43	DOM	DES	No	14	07-Jan-15	0.44	ND (1.0)	MW-144D1*, MW-144D2*, MW-144S*, MW-146D1*, MW-146D2*, MW-146S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-101-03	09-Feb-15	Yes	28-19	DOM	DES	No	6	08-May-14	ND (0.06)	ND (1.0)	MW-164D*, MW-164S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-272-10	27-Feb-15	Yes	28-06	DOM	DES	No	9	13-Jan-14	0.4	ND (1.0)	MW-164D*, MW-164S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-08	22-Jan-15	Yes	33-03	DOM	DES	No	13	14-Oct-14	ND (0.06)	ND (1.0)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0497-211-15	18-Dec-14	Yes	30E-05	DOM	DES	Yes	10	10-Jul-14	1.9	1.9	MW-152D1*, MW-152D2*, MW-152S*, MW-176S*, MW-187D1*, MW-187D2*, MW-187S1*, MW-190D1*, MW-190D2*, MW-190S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-58	17-Dec-14	Yes	34-06	DOM	DES	No	17	17-Jul-14	ND (0.06)	ND (1.0)	CA-MW-312D*, CA-MW-312S, CA-MW-412D*, CA-MW-412S*, MW-155D*, MW-155S*, MW-37*, MW-38A*, MW-38B*, MW-61*, MW-74D*, MW-74S, MW-75D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-39	08-Dec-14	Yes	24-03	DOM	DES	Yes	14	04-Apr-14	1.4	1.7	MW-107D*, MW-107S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-94D*, MW-94S*, MW-97D*, MW-97S*, Unk Wei	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-12	10-Oct-14	Yes	23-25	DOM	DES	Yes	17	21-Jul-14	2.7	2.9	C-01*, C-02*, C-03*, EX-31*, EX-33*, G-2R*, G-5R*, MW-112D*, MW-112S*, MW-34*, MW-55A*, MW-55B*, MW-55C*, MW-55S*, MW-71D*, MW-71S*, MW-72D*, MW-72S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-86D*, MW-86S*, MW-87D*, MW-87S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-121-28	09-Oct-14	Yes	01-17	DOM	INACT	No	11	04-Apr-14	0.6	ND (1.0)	MW-144D1*, MW-144D2*, MW-144S*, MW-52*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-05	26-Sep-14	Yes	22-55	DOM	DES	No	11	04-Apr-14	0.82	ND (1.0)	MW-156S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-021-04	18-Sep-14	Yes	36-25	DOM	INACT	No	24	02-Jul-14	1.6	1.5	MW-103D*, MW-103S*, MW-145D1*, MW-145D2*, MW-145S*, MW-146D1*, MW-146D2*, MW-146S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0495-022-09	28-Aug-14	Yes	11-10	DOM	INACT	Yes	12	09-Jul-14	3.8	3.8	MW-138S1*, MW-138S2*, MW-140S1*, MW-140S2*, MW-140S3*, MW-141D*, MW-141S1*, MW-141S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-10	22-Aug-14	Yes	34-62	DOM	DES	Yes	8	09-Jul-14	0.71	1.8	MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-153S*, MW-165D*, MW-165S*, MW-202D*, MW-202S*, MW-54*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-274-02	15-Aug-14	Yes	28-65	DOM	DES	Yes	7	09-Apr-14	4.8	4.5	MW-164D*, MW-164S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-281-03	14-Aug-14	Yes	28-74	DOM	INACT	Yes	8	09-Jul-14	2.9	3.0	MW-164D*, MW-164S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-074-04	08-Aug-14	Yes	22-53	DOM	DES	No	13	09-Jul-14	0.25	ND (1.0)	MW-171D1*, MW-171D2*, MW-171S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-022-20	31-Jul-14	Yes	11-07	DOM	INACT	No	12	02-Apr-14	ND (0.06)	ND (1.0)	MW-137S1*, MW-137S2*, MW-137S3*, MW-138S1*, MW-138S2*, MW-139S1*, MW-139S2*, MW-140S1*, MW-140S2*, MW-140S3*. MW-141D*. MW-141S1*. MW-141S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-101-06	09-Jul-14	Yes	28-58	DOM	DES	No	1	02-Dec-11	1.2	1.6	MW-164D*, MW-164S*, MW-201D*, MW-201S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-101-06	09-Jul-14	Yes	28-87	DOM	DES	No	4	03-Apr-14	0.98	ND (1.0)	MW-164D*, MW-164S*, MW-201D*, MW-201S*. MW-203D*. MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-022-07	02-Jul-14	Yes	11-09	DOM	INACT	No	6	15-Jan-14	ND (0.06)	ND (1.0)	MW-136S1*, MW-136S2*, MW-137S1*, MW-137S2*, MW-137S3*, MW-138S1*, MW-138S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-021-14	20-Jun-14	Yes	36-22	DOM	INACT	No	11	01-Apr-14	0.53	ND (1.0)	MW-144D1*, MW-144D2*, MW-144S*, MW-146D1*, MW-146D2*, MW-146S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-231-09	16-Jun-14	Yes	25-06	AGR	DES	Yes	2	19-Jul-12	2.3	2.1	MW-41A*, MW-41B*, MW-41S*, MW-49A*, MW-49B*, MW-49S*, MW-50A*, MW-50B*, MW-50S*, MW-88D*, MW-88S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-231-09	16-Jun-14	Yes	25-19	DOM	DES	Yes	1	12-Jul-12	2.9	2.8	MW-41A*, MW-41B*, MW-41S*, MW-49A*, MW-49B*, MW-49S*, MW-88D*, MW-88S*, MW-95D*. MW-95S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-111-10	13-Jun-14	Yes	28-53	DOM	DES	No	10	03-Apr-14	0.89	ND (1.0)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-021-15	13-Jun-14	Yes	36-20	DOM	INACT	No	11	01-Apr-14	0.52	ND (1.0)	MW-144D1*, MW-144D2*, MW-144S*, MW-146D1*, MW-146D2*, MW-146S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-271-05	09-Jun-14	Yes	28-79	DOM	DES	No	5	13-Jan-14	1.1	ND (1.0)	MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-101-07	06-Jun-14	Yes	28-85	DOM	DES	No	2	03-Apr-14	0.59	ND (1.0)	MW-164D*, MW-164S*, MW-201D*, MW-201S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-101-07	06-Jun-14	Yes	28-86	DOM	DES	No	5	03-Apr-14	0.48	ND (1.0)	MW-164D*, MW-164S*, MW-201D*, MW-201S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-041-34	30-May-14	Yes	27-18	DOM	INACT	No	12	10-Jul-13	0.89	ND (1.0)	MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-147D*, MW-147S*, MW-148S*, MW-153S*, MW-168D*, MW-168S*, MW-169D*, MW-169S1*, MW-169S2*, MW-201D*, MW-201S*, MW-202D*, MW-202S*, MW-57*, MW-57D*, MW-58*, MW-59*, MW-65BR, MW-66A*, MW-66BR, MW-82S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-272-04	22-May-14	Yes	28-83	DOM	INACT	Yes	5	04-Apr-14	2.2	2.2	MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-272-04	22-May-14	Yes	28-84	DOM	DES	No					MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-103-06	10-Apr-14	Yes	15-16	DOM	INACT	Yes	6	03-Apr-14	1.1	2.2	MW-175D*, MW-175S1*, MW-175S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-30	31-Mar-14	Yes	33-20	DOM	DES	No	11	07-Jan-14	0.9	ND (1.0)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-30	31-Mar-14	Yes	33-19	DOM	INACT	No	11	07-Jan-14	ND (0.06)	ND (1.0)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-102-07	24-Mar-14	Yes	28-32	DOM	DES	No	9	11-Jul-13	0.43	ND (1.0)	MW-153S*, MW-164D*, MW-164S*, MW-201D*, MW-201S*, MW-202D*, MW-202S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-15	21-Mar-14	Yes	22-29	DOM	DES	No	10	01-Apr-13	0.45	ND (1.0)	MW-117D*, MW-117S1*, MW-117S2*, MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-129S*, MW-171D1*, MW-171D2*, MW-171S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-111-02	21-Mar-14	Yes	28-26	DOM	DES	No	7	04-Oct-13	0.7	ND (1.0)	MW-164D*, MW-164S*, MW-165D*, MW-165S*, MW-202D*, MW-202S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-103-11	21-Mar-14	Yes	28-27	DOM	DES	No	4	11-Jul-12	0.49	ND (1.0)	MW-147D*, MW-147S*, MW-153S*, MW-164D*, MW-164S*, MW-201D*, MW-201S*, MW-202D*. MW-202S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-16	10-Jan-14	Yes	BGS-23	DOM	DES	Yes	13	03-Jul-13	1.5	1.3	MW-165D*, MW-165S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2020
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0497-211-16	18-Dec-13	Yes	30E-08	DOM	INACT	No	2	10-Jan-13	1.9	1.9	MW-152D1*, MW-152D2*, MW-152S*, MW-176S*, MW-187D1*, MW-187D2*, MW-187S1*, MW-190D1*, MW-190D2*, MW-190S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-43	16-Dec-13	Yes	24-11	DOM	DES	No	14	02-Oct-13	ND (0.06)	ND (1.0)	MW-112D*, MW-112S*, MW-96D*, MW-96S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-241-34	26-Nov-13	Yes	36-24	DOM	DES	No	14	11-Jan-13	0.93	1.2	MW-103D*, MW-103S*, MW-116D1*, MW-116D2*, MW-116S*, MW-199D1*, MW-199D2*, MW-199S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-07	25-Nov-13	Yes	24-07A	DOM	DES	No					MW-107D*, MW-107S*, MW-128S1*, MW-128S2*, MW-128S3*, MW-79D*, MW-79S*, MW-94D*. MW-94S*. MW-97D*. MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-07	25-Nov-13	Yes	24-07B	DOM	DES	No					MW-107D*, MW-107S*, MW-128S1*, MW-128S2*, MW-128S3*, MW-79D*, MW-79S*, MW-94D*. MW-94S*. MW-97D*. MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-07	25-Nov-13	Yes	24-07	DOM	INACT	Yes	14	02-Oct-13	2.7	2.8	MW-107D*, MW-107S*, MW-97D*, MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-051-18	22-Nov-13	Yes	27-36	DOM	INACT	Yes	15	08-Jul-13	1.9	1.7	MW-118S*, MW-119D*, MW-119S*, MW-148S*, MW-57*, MW-57D*, MW-59*, MW-65BR, MW-81S*, MW-82S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-083-04	19-Nov-13	Yes	22-35	DOM	DES	Yes	5	11-Jul-12	1.8	1.7	MW-171D1*, MW-171D2*, MW-171S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-41	14-Nov-13	Yes	22-101	DOM	DES	No	2	04-Oct-12	0.76	ND (1.0)	MW-111D*, MW-111S1*, MW-111S2*, MW-117D*, MW-117S1*, MW-117S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-156S*, MW-157S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-301-07	14-Nov-13	Yes	28-41	DOM	DES	Yes	10	04-Oct-13	0.66	1.7	MW-164D*, MW-164S*, MW-203D*, MW-203S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0497-211-12	14-Nov-13	Yes	30E-09	DOM	INACT	Yes	2	02-Oct-12	2.2	2.2	MW-152D1*, MW-152D2*, MW-152S*, MW-176S*, MW-187D1*, MW-187D2*, MW-187S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-10	13-Nov-13	Yes	02-08	DOM	DES	Yes	11	07-Oct-13	1.6	1.5	MW-149S*, MW-150S1*, MW-150S2*, MW-177D*, MW-177S*, MW-181D*, MW-181S*, MW-36*, MW-48*, MW-51*, MW-53*, MW-67A*, MW-67B*, PGE-09, SA-MW-16D*, SA-MW-16S*, SA-MW-17D*, SA-MW-17S*, SA-MW-26D*, SA-MW-26S*, SA-MW-28D, SA-MW-28S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-20	04-Nov-13	Yes	24-04	DOM	DES	Yes	14	08-Oct-13	1.3	1.4	G-1R*, MW-107D*, MW-107S*, MW-128S1*, MW-128S2*, MW-128S3*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-84D*, MW-84S*, MW-94D*, MW-94S*, MW-97D*, MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-031-15	31-Oct-13	Yes	34-76	DOM	INACT	No	10	07-Oct-13	0.12	ND (1.0)	MW-159C*, MW-159D*, MW-159S*, MW-160C*, MW-160D*, MW-160S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-041-35	29-Oct-13	Yes	27-27	DOM	DES	No	16	03-Oct-13	1.2	1.1	MW-119D*, MW-119S*, MW-121D*, MW-121S*, MW-147D*, MW-147S*, MW-148S*, MW-168D*, MW-168S*, MW-169D*, MW-169S1*, MW-169S2*, MW-45A*, MW-45B*, MW-47*, MW-47A*, MW-47BR, MW-57*, MW-57D*, MW-58*, MW-59*, MW-65BR, MW-66A*, MW-66BR, MW-81S*, MW-82S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-46	15-Oct-13	Yes	34-45	DOM	DES	Yes	13	04-Oct-13	1.5	1.4	MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-153S*, MW-165D*, MW-165S*, MW-169D*, MW-169S1*, MW-169S2*, MW-54*. MW-64A*. MW-64B*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0497-211-36	10-Oct-13	Yes	30E-06	DOM	DES	Yes	7	02-Jul-13	2.1	2.3	MW-187D1*, MW-187D2*, MW-187S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-261-37	01-Oct-13	Yes	35-04	DOM	DES	No	49	02-Jul-13	ND (0.06)	ND (1.0)	CA-MW-101*, CA-MW-101D*, CA-MW-108D*, CA-MW-108S*, CA-MW-110, CA-MW-204D*, CA-MW-204S*, CA-MW-301*, CA-MW-312D*, CA-MW-312S, CA-MW-313*, MW-149S*, MW-155D*, MW-155S*, MW-178D*, MW-178S*, MW-37*, MW-40, MW-48*, MW-67A*, MW-67B*, MW-73D*, MW-73S*, MW-74D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-261-38	01-Oct-13	Yes	35-03	DOM	DES	No	11	02-Oct-12	ND (0.06)	ND (1.0)	CA-MW-108D*, CA-MW-108S*, CA-MW-110, CA-MW-312D*, CA-MW-312S, CA-MW-313*, MW-149S*, MW-155D*, MW-155S*, MW-37*, MW-40, MW-48*, MW-67A*, MW-67B*, MW-73D*, MW-73S*, MW-74D*, MW-74S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2020
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0495-023-16	30-Sep-13	Yes	14-06	DOM	DES	Yes	10	03-Apr-13	2.4	2.4	MW-111D*, MW-111S1*, MW-111S2*, MW-113D*, MW-113S1*, MW-113S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-156S*, MW-157S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0489-082-59	27-Sep-13	Yes	27N-02	DOM	INACT	Yes	3	01-Jul-13	4.1	3.8	MW-186S1*, MW-186S2*, MW-186S3*, MW-194S1, MW-194S2, MW-194S3, MW-195S1*, MW-195S2*, MW-195S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-29	19-Sep-13	Yes	22-36	DOM	DES	No	9	01-Apr-13	1.2	ND (1.0)	MW-171D1*, MW-171D2*, MW-171S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-23	19-Sep-13	Yes	22-46	DOM	INACT	No	3	10-Jul-13	0.16	ND (1.0)	MW-126S1*, MW-126S2*, MW-171D1*, MW-171D2*, MW-171S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-24	19-Sep-13	Yes	22-58	DOM	DES	Yes	10	10-Jul-13	0.96	ND (1.0)	MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-156S*, MW-171D1*, MW-171D2*, MW-171S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-24	19-Sep-13	Yes	22-98	DOM	DES	No	4	10-Jul-13	ND (0.06)	ND (1.0)	MW-126S1*, MW-126S2*, MW-171D1*, MW-171D2*, MW-171S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-281-02	11-Sep-13	Yes	28-39	DOM	DES	Yes	5	10-Jul-13	3.0	2.4	MW-164D*, MW-164S*, MW-203D, MW-203S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-282-25	10-Sep-13	Yes	28-23	DOM	DES	No	9	01-Jul-13	1.1	ND (1.0)	MW-164D*, MW-164S*, MW-203D, MW-203S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-311-07	10-Sep-13	Yes	33-32	DOM	INACT	No	2	10-Apr-13	0.73	1.3	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-271-06	09-Sep-13	Yes	28-71	DOM	DES	No	2	19-Feb-13	0.93	ND (1.0)	MW-203D, MW-203S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-271-08	30-Aug-13	Yes	28-77	DOM	INACT	No	3	08-Jul-13	ND (0.06)	ND (1.0)	MW-203D, MW-203S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-274-01	22-Aug-13	Yes	28-35	DOM	DES	No	4	08-Jul-13	1.5	1.5	MW-164D*, MW-164S*, MW-203D, MW-203S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-041-23	19-Aug-13	Yes	27-03	DOM	INACT	Yes	31	08-Jul-13	2.0	1.8	MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-147D*, MW-147S*, MW-148S*, MW-153S*, MW-165D*, MW-165S*, MW-168D*, MW-168S*, MW-169D*, MW-169S1*, MW-169S2*, MW-201D*, MW-201S, MW-202D*, MW-202S, MW-58*, MW-59*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-041-23	19-Aug-13	Yes	27-46	DOM	INACT	No	12	08-Jul-13	0.43	ND (1.0)	MW-121D*, MW-121S*, MW-147D*, MW-147S*, MW-148S*, MW-153S*, MW-164D*, MW-164S*, MW-165D*, MW-165S*, MW-201D*, MW-201S, MW-202D*, MW-202S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-151-04	02-Aug-13	Yes	03-02	DOM	DES	No	9	02-Jul-13	1.7	1.6	MW-149S*, MW-150S1*, MW-150S2*, MW-48*, MW-51*, MW-67A*, MW-67B*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-112-32	01-Aug-13	Yes	03N-01	DOM	INACT	Yes	5	01-Jul-13	2.7	2.6	MW-130S1*, MW-130S2*, MW-161S1*, MW-161S2*, MW-161S3*, MW-174S1*, MW-174S2*, MW-174S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-112-32	01-Aug-13	Yes	03N-02	DOM	INACT	Yes	5	01-Jul-13	3.4	3.2	MW-130S1*, MW-130S2*, MW-131S1*, MW-174S1*, MW-174S2*, MW-174S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-18	27-Jun-13	Yes	02-25	DOM	DES	No	10	08-Apr-13	ND (0.06)	ND (1.0)	MW-150S1*, MW-150S2*, MW-51*, MW-53*, MW-77D*, MW-77S*, MW-78D*, MW-78S*, PGE-02, PGE-09, PGE-14*, SA-MW-26D*, SA-MW-26S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-09	22-Jul-13	Yes	33-23	DOM	DES	Yes	5	09-Jan-13	0.44	ND (1.0)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Could not be located.
0494-241-06	18-Jul-13	Yes	36-06B	DOM	INACT	No	10	09-Jul-13	1.4	1.3	MW-102D*, MW-102S*, MW-103D*, MW-103S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-273-06	10-Jul-13	Yes	28-67	DOM	DES	No	4	03-Apr-13	0.091	ND (1.0)	MW-164D*, MW-164S*, MW-203D, MW-203S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0489-211-24	10-Jul-13	Yes	28N-07	DOM	INACT	Yes	4	01-Jul-13	3.9	3.5	MW-185S1*, MW-185S2*, MW-185S3*, MW-194S1, MW-194S2, MW-194S3, MW-195S1*, MW-195S2*, MW-195S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-38	09-Jul-13	Yes	22-11	DOM	INACT	No	10	02-Jul-13	0.7	ND (1.0)	MW-111D*, MW-111S1*, MW-111S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-156S*, MW-157S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-282-24	27-Jun-13	Yes	28-80	DOM	DES	No	3	04-Apr-13	ND (0.06)	ND (1.0)	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-101-09	26-Jun-13	Yes	28-30	DOM	DES	No	2	05-Oct-12	0.48	ND (1.0)	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-011-06	24-Jun-13	Yes	02N-01	DOM	INACT	No	5	10-Jan-13	ND (0.06)	ND (1.0)	MW-166S1*, MW-166S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-282-01	20-Jun-13	Yes	28-46	DOM	DES	Yes	7	02-Apr-13	0.1	ND (1.0)	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-311-46	10-Jun-13	Yes	33-22	DOM	INACT	No	1	09-Mar-12	1.5	1.4	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0494-281-04	31-May-13	Yes	28-73	DOM	DES	Yes	3	08-Apr-13	3.0	3.0	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-282-08	29-May-13	Yes	28-47	DOM	DES	Yes	5	08-May-13	2.1	2.1	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-022-08	13-May-13	Yes	11-11	DOM	INACT	Yes	4	15-Oct-12	4.0	4.6	MW-136S1*, MW-136S2*, MW-137S1*, MW-137S2*, MW-137S3*, MW-138S1*, MW-138S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-37	03-May-13	Yes	14-14	DOM	DES	Yes	7	10-Apr-13	1.1	1.8	MW-111D*, MW-111S1*, MW-111S2*, MW-117D*, MW-117S1*, MW-117S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-156S*, MW-157S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-031-48	03-May-13	Yes	34-78	DOM	DES	No	7	03-Apr-13	1.8	1.6	MW-159C*, MW-159D*, MW-159S*, MW-160C*, MW-160D*, MW-160S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-28	26-Apr-13	Yes	24-10	DOM	DES	Yes	11	01-Oct-12	2.7	3.0	MW-112D*, MW-112S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-86D*, MW-86S*, MW-96D*. MW-96S*. MW-97D*. MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-063-08	22-Apr-13	Yes	22-17	DOM	DES	No	2	03-Oct-11	0.49	ND (1.0)	MW-118S*, MW-119D*, MW-119S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-01	DOM	DES	No	31	24-Jul-12	0.49	ND (1.0)	MW-158C*, MW-158S*, MW-37*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-54*, MW-61*, MW-64A*, MW-64B*, MW-75D*, MW-76D*. MW-76S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-02	AGR	DES	No	2	25-Oct-06	ND (0.2)	ND (1.0)	CA-MW-412D*, CA-MW-412S*, CA-MW-501D*, CA-MW-501S*, CA-MW-502*, CA-MW-503D*, CA-MW-503S*, CA-MW-601*, CA-MW-602*, CA-MW-603*, MW-08*, MW-108D*, MW-108S*, MW-37*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-61*, MW-64A*, MW-64B*, MW-75D*, MW-76D*, MW-76S*, MW-9	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-14	AGR	DES	No	2	25-Oct-06	ND (0.2)	ND (1.0)	CA-MW-601*, CA-MW-602*, CA-MW-603*, MW-08*, MW-10*, MW-108D*, MW-108S*, MW-28A*, MW-28B*, MW-28C*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-45A*, MW-45B*, MW-61*, MW-75D*, MW-76D*, MW-76S*, MW-91C*, MW-93C*, MW-98C*, WA	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-34	AGR	DES	No	9	07-Apr-11	ND (0.2)	ND (1.0)	CA-MW-601*, MW-108D*, MW-108S*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-45A*, MW-45B*, MW-54*, MW-61*, MW-64A*, MW-64B*, MW-75D*, MW-76D*, MW-76S*, MW-93C*, MW-98C*, WA-MW-01A, WA-MW-01B, WA-MW-02A, WA-MW-02B, WA-MW-03A, WA-MW-03B, WA-MW-04A, WA-MW-04B	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-35	AGR	DES	No	2	17-Dec-09	ND (0.2)	ND (1.0)	CA-MW-601*, MW-37*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-54*, MW-61*, MW-64A*, MW-64B*, MW-75D*, MW-76D*, MW-76S*, MW-93C*, WA-MW-01A, WA-MW-01B, WA-MW-02A, WA-MW-02B, WA-MW-03A, WA-MW-03B, WA-MW-04A	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-36	AGR	DES	No	1	17-Dec-09	ND (0.2)	ND (1.0)	MW-158C*, MW-158S*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-54*, MW-61*, MW-64A*, MW-64B*, MW-75D*, MW-76D*, MW-76S*. MW-93C*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-37	AGR	DES	No	1	17-Dec-09	ND (0.2)	ND (1.0)	MW-122D*, MW-122S*, MW-158C*, MW-158S*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-54*, MW-64A*, MW-64B*, MW-75D*. MW-76D*. MW-76S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-64	AGR	DES	No	4	24-Jul-12	1.3	1.2	CA-MW-412D*, CA-MW-412S*, CA-MW-501D*, CA-MW-501S*, MW-08*, MW-155D*, MW-155S*, MW-37*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-61*, MW-64A*, MW-64B*. MW-75D*. MW-76D*. MW-76S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-35	22-Apr-13	Yes	34-51	AGR	DES	No	2	13-May-10	ND (0.2)	ND (1.0)	MW-158C*, MW-158S*, MW-38A*, MW-38B*, MW-44A*, MW-44B*, MW-54*, MW-61*, MW-64A*, MW-64B*, MW-75D*, MW-76D*, MW-76S*, MW-93C*, WA-MW-01A, WA-MW-01B, WA-MW-02A, WA-MW-02B, WA-MW-03A, WA-MW-03B	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2020
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0488-112-30	10-Apr-13	Yes	02-05	DOM	DES	No	48	08-Jan-13	0.42	ND (1.0)	FW-01*, FW-02*, MB-A2, MW-17*, MW-39*, MW-53*, MW-77D*, MW-77S*, MW-78D*, MW-78S*, PGE-01, PGE-02, PGE-03, PGE-04, PGE-05, PGE-09, PGE-14*, SA-SM-05D, SA-SM-05S*, SM-05	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-282-03	10-Apr-13	Yes	28-10	DOM	DES	Yes	3	09-Jan-13	1.5	1.5	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-13	04-Apr-13	Yes	33-02	DOM	DES	No	7	14-Jan-13	0.13	ND (1.0)	MW-165D*, MW-165S*, MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-45	03-Apr-13	Yes	23-35	DOM	DES	Yes	7	11-Jan-13	0.74	ND (1.0)	MW-117D*, MW-117S1*, MW-117S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-156S*, MW-172S1*, MW-172S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-15	28-Mar-13	Yes	14-12	DOM	DES	Yes	9	17-Jan-13	2.9	3.1	MW-111D*, MW-111S1*, MW-111S2*, MW-113D*, MW-113S1*, MW-113S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-156S*, MW-157S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-12	28-Mar-13	Yes	22-10	DOM	DES	Yes	7	08-Jan-13	2	1.9	MW-117D*, MW-117S1*, MW-117S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-156S*, MW-171D1, MW-171D2, MW-171S, MW-172S1, MW-172S2	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-12	28-Mar-13	Yes	22-31	DOM	INACT	Yes	9	08-Jan-13	0.17	ND (1)	MW-117D*, MW-117S1*, MW-117S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-156S*, MW-171D1, MW-171D2, MW-171S, MW-172S1, MW-172S2	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-06	27-Mar-13	Yes	02-01	DOM	DES	No	9	08-Jan-13	ND (0.06)	ND (1)	MW-149S*, MW-150S1*, MW-150S2*, MW-36*, MW-48*, MW-51*, MW-67A*, MW-67B*, MW-73D*, MW-73S*, SA-MW-28D, SA-MW-28S, SC-MW-11D*, SC-MW-11S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-112-24	27-Mar-13	Yes	04N-02	DOM	INACT	Yes	5	03-Oct-12	0.64	ND (1)	MW-130S1*, MW-130S2*, MW-161S1*, MW-161S2*, MW-161S3*, MW-174S1, MW-174S2, MW-174S3	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-112-24	27-Mar-13	Yes	04N-03	DOM	INACT	Yes	5	01-Oct-12	3.4	3.6	MW-130S1*, MW-130S2*, MW-161S1*, MW-161S2*, MW-161S3*, MW-174S1, MW-174S2, MW-174S3	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-074-06	27-Mar-13	Yes	22-54	DOM	DES	No	7	10-Jan-13	1.4	1.3	MW-171D1, MW-171D2, MW-171S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-273-15	26-Mar-13	Yes	28-45	DOM	DES	Yes	3	03-Apr-12	1.5	1.5	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-32	25-Mar-13	Yes	BGS-51	DOM	DES	No	7	13-Jul-12	ND (0.06)	ND (1)	MW-114D1*, MW-114D2*, MW-114S*, MW-96D*, MW-96S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-031-64	05-Mar-13	Yes	34-17	DOM	DES	No	2	06-Sep-12	0.081	ND (1)	MW-159C*, MW-159D*, MW-159S*, MW-160C*, MW-160D*, MW-160S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-33	01-Mar-13	Yes	BGS-15	DOM	DES	No	10	14-Jan-13	0.064	ND (1)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-39	22-Feb-13	Yes	22-57	DOM	DES	No	7	11-Jan-13	1	ND (1)	MW-111D*, MW-111S1*, MW-111S2*, MW-123S1*, MW-123S2*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-156S*, MW-157S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-301-06	21-Feb-13	Yes	28-55	DOM	INACT	No	2	27-Jun-12	ND (0.06)	ND (1)	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-301-06	21-Feb-13	Yes	28-63	DOM	INACT	No	3	04-Oct-12	1.1	1.3	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-282-26	20-Feb-13	Yes	28-68	DOM	DES	No	2	17-Oct-12	1.6	1.5	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-311-26	20-Feb-13	Yes	BGS-01	DOM	DES	No	10	15-Jan-13	0.5	ND (1)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-102-05	06-Feb-13	Yes	28-18	DOM	DES	No	1	02-Dec-11	1	1.5	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-17	28-Jan-13	Yes	24-12	DOM	DES	Yes	8	17-Jan-13	2.2	2.2	MW-112D*, MW-112S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-86D*, MW-86S*, MW-87D*. MW-87S*. MW-96D*. MW-96S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-112-28	25-Jan-13	Yes	04N-01	DOM	INACT	No	4	01-Oct-12	0.47	ND (1)	MW-130S1*, MW-130S2*, MW-131S1*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-031-46	18-Jan-13	Yes	34-56	DOM	DES	No	7	05-Oct-12	0.25	ND (1)	MW-155D*, MW-155S*, MW-37*, MW-48*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-11	08-Jan-13	Yes	14-10	DOM	DES	Yes	7	04-Oct-12	3.3	3.3	MW-104D*, MW-104S1*, MW-104S2*, MW-106D*, MW-106S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2020
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0495-023-06	28-Dec-12	Yes	14-03	DOM	INACT	Yes	2	02-Oct-12	2.9	3	MW-139S1*, MW-139S2*, MW-140S1*, MW-140S2*, MW-140S3*, MW-141, MW-142S1*, MW-142S2*, MW-142S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Could not be located.
0495-023-06	28-Dec-12	Yes	14-11	DOM	INACT	Yes	8	02-Oct-12	3.1	3.2	MW-104D*, MW-104S1*, MW-104S2*, MW-111D*, MW-111S1*, MW-111S2*, MW-113D*, MW-113S1*, MW-113S2*, MW-142S1*, MW-142S2*. MW-142S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-272-08	27-Dec-12	Yes	28-43	DOM	DES	No	3	09-May-12	1.3	1	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-041-37	20-Dec-12	Yes	27-02	DOM	DES	Yes	7	09-Jan-12	1.6	1.7	EX-06, EX-08, EX-10*, EX-17*, MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-147D*, MW-147S*, MW-148S*, MW-153S*, MW-168D*, MW-168S*, MW-169D*, MW-169S1*, MW-169S2*, MW-45A*, MW-45B*, MW-47*, MW-47A*, MW-47BR, MW-54*, MW-57*, MW-57D*, MW-58*, MW-59*, MW-65BR	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-041-37	20-Dec-12	Yes	27-07	DOM	DES	No	9	17-Jul-12	1.2	1.2	EX-05*, EX-06, EX-08, EX-09*, EX-10*, EX-17*, MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-147D*, MW-147S*, MW-148S*, MW-153S*, MW-168D*, MW-168S*, MW-169D*, MW-169S1*, MW-169S2*, MW-45A*, MW-45B*, MW-47*, MW-47A*, MW-47BR, MW-54*, MW-57*, MW-57D*, MW-58*,	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-282-09	17-Dec-12	Yes	28-48	DOM	DES	No	3	04-Oct-12	0.097	ND (1)	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-39	17-Dec-12	Yes	34-19	DOM	INACT	No	6	05-Oct-12	0.39	ND (1)	MW-122D*, MW-122S*, MW-165D*, MW-165S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-13	13-Dec-12	Yes	02-19	DOM	DES	No	9	08-Oct-12	ND (0.06)	ND (1)	MW-02, MW-149S*, MW-150S1*, MW-150S2*, MW-36*, MW-48*, MW-51*, MW-67A*, MW-67B*, MW-73D*, MW-73S*, SA-MW-11D*, SA-MW-11S*, SA-MW-16D*, SA-MW-16S*, SA-MW-17D*, SA-MW-17S*, SA-MW-18D*, SA-MW-18S*, SA-MW-26D*, SA-MW-26S*, SA-MW-28D, SA-MW-28S, SC-MW-11D*, SC	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-40	13-Dec-12	Yes	23-36	DOM	DES	Yes	4	11-Jul-12	1.5	1.4	MW-111D*, MW-111S1*, MW-111S2*, MW-117D*, MW-117S1*, MW-117S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-156S*, MW-157S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-26	12-Dec-12	Yes	02-27	DOM	INACT	Yes	3	28-Nov-11	1.6	2.2	MW-150S1*, MW-150S2*, MW-53*, PGE-14*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-12	04-Dec-12	Yes	14-04	DOM	DES	Yes	5	04-Apr-12	3.2	3.2	MW-104D*, MW-104S1*, MW-104S2*, MW-106D*, MW-106S*, MW-113D*, MW-113S1*, MW-113S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0497-211-13	30-Nov-12	Yes	30E-02	DOM	DES	Yes	6	02-Oct-12	2.1	2.1	MW-152D1*, MW-152D2*, MW-152S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-08	30-Nov-12	Yes	BGS-10	DOM	DES	Yes	10	04-Oct-12	1.4	2.4	MW-121D*, MW-121S*, MW-122D*, MW-122S*, MW-153S*, MW-165D*, MW-165S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-312-05	15-Nov-12	Yes	33-18	DOM	DES	No	6	05-Oct-12	0.44	ND (1)	MW-167D*, MW-167S1*, MW-167S2*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-101-04	08-Nov-12	Yes	28-57	DOM	DES	No	5	04-Oct-12	0.62	ND (1)	MW-164D*, MW-164S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-01	31-Oct-12	Yes	34-44	DOM	DES	Yes	9	04-Oct-12	1.7	1.9	MW-122D*, MW-122S*, MW-158C*, MW-158S*, MW-54*, MW-64A*, MW-64B*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-064-06	09-Oct-12	Yes	22-40	DOM	INACT	Yes	9	17-Jul-12	0.39	ND (1)	MW-118S*, MW-119D*, MW-119S*, MW-57*, MW-57D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0497-211-14	09-Oct-12	Yes	BGS-22	DOM	DES	No	9	05-Oct-12	0.89	1.2	MW-152D1*, MW-152D2*, MW-152S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-051-43	20-Sep-12	Yes	22-56	DOM	INACT	Yes	5	12-Jul-12	0.78	ND (1)	MW-123S1*, MW-123S2*, MW-125S1*, MW-125S2*, MW-156S*, MW-157S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-09	19-Sep-12	Yes	02-24	DOM	DES	No	7	18-Jul-12	1	1.1	MW-149S*, MW-150S1*, MW-150S2*, MW-36*, MW-48*, MW-51*, MW-67A*, MW-67B*, SA-MW-16D*, SA-MW-16S*, SA-MW-26D*, SA-MW-26S*, SA-MW-28D, SA-MW-28S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-01	30-Aug-12	Yes	14-13	DOM	INACT	Yes	4	25-Apr-12	3.1	2.9	MW-137S1*, MW-137S2*, MW-137S3*, MW-139S1*, MW-139S2*, MW-140S1*, MW-140S2*, MW-140S3*, MW-141, MW-142S1*, MW-142S2*. MW-142S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

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Wells Removed from the Domestic Well Sampling Program through First Quarter 2020
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0488-112-07	03-Aug-12	Yes	02-21	DOM	INACT	Yes	10	03-Apr-14	0.92	1.1	MW-02, MW-149S*, MW-150S1*, MW-150S2*, MW-177D*, MW-177S*, MW-36*, MW-40, MW-48*, MW-51*, MW-67A*, MW-67B*, MW-73D*, MW-73S*, SA-MW-11D*, SA-MW-11S*, SA-MW-16D*, SA-MW-16S*, SA-MW-17D*, SA-MW-17S*, SA-MW-18D*, SA-MW-18S*, SA-MW-26D*, SA-MW-26S*, SA-MW-28D	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-051-12	01-Aug-12	Yes	27-21	DOM	INACT	Yes	7	04-Oct-11	1.8	2.2	EX-09*, EX-10*, MW-118S*, MW-119D*, MW-119S*, MW-148S*, MW-47*, MW-47A*, MW-47BR, MW-57*, MW-57D*, MW-59*, MW-65BR, MW-81S*, MW-82S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-231-02	13-Jul-12	Yes	25-04	DOM	DES	Yes	5	10-Jan-12	ND (0.06)	ND (1)	LIGHTLE, MW-102D*, MW-102S*, MW-116D1*, MW-116D2*, MW-116S*, MW-95D*, MW-95S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-13	12-Jul-12	Yes	14-01	DOM	INACT	No	6	11-Jul-12	0.12	ND (1)	MW-104D*, MW-104S1*, MW-104S2*, MW-113D*, MW-113S1*, MW-113S2*, MW-142S1*, MW-142S2*, MW-142S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0488-112-04	26-Mar-12	Yes	02-22	DOM	INACT	No	5	04-Jan-12	0.27	ND (1)	MW-149S*, MW-150S1*, MW-150S2*, MW-48*, MW-51*, MW-67A*, MW-67B*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-023-02	13-Mar-12	Yes	14-05	DOM	INACT	Yes	3	20-Jul-12	0.14	ND (1)	MW-139S1*, MW-139S2*, MW-140S1*, MW-140S2*, MW-140S3*, MW-142S1*, MW-142S2*, MW-142S3*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-10	27-Dec-11	Yes	23-03	DOM	INACT	No					C-01*, C-02*, C-03*, EX-31*, EX-33*, G-1R*, G-2R*, G-5R*, MW-112D*, MW-112S*, MW-55A*, MW-55B*, MW-55C*, MW-55S*, MW-70D*, MW-70S*, MW-71D*, MW-71S*, MW-72D*, MW-72S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-86D*, MW-86S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-20	21-Dec-11	Yes	23-01	AGR	DES	No					DW-03*, EX-13, EX-24*, EX-25*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-129S*, MW-170S*, MW-62A*, MW-62B*, MW-62C*, MW-63*, MW-69D*, MW-69S*, MW-70D*, MW-70S*, MW-83D*, MW-83S*, MW-85D*, MW-85S*, MW-89D*, MW-89S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-20	21-Dec-11	Yes	23-18	DOM	DES	No	2	17-Feb-10	1.02	1.22	MW-117D*, MW-117S1*, MW-117S2*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-83D*, MW-83S*, MW-85D*, MW-85S*, MW-89D*, MW-89S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-031-40	20-Dec-11	Yes	34-10	DOM	DES	No	1	06-Dec-07	ND (0.2)	ND (1)	CA-MW-312D*, CA-MW-312S, MW-149S*, MW-155D*, MW-155S*, MW-37*, MW-40, MW-48*, MW-61*, MW-73D*, MW-73S*, MW-74D*, MW-74S	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-29	06-Dec-11	Yes	24-02	DOM	DES	Yes	9	06-Oct-11	3.2	3	MW-112D*, MW-112S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-86D*, MW-86S*, MW-96D*, MW-96S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-18	21-Oct-11	Yes	23-20	DOM	DES	No	6	05-Oct-11	0.31	ND (1)	C-01*, DW-02*, DW-03*, EX-13, EX-23*, EX-24*, EX-25*, EX-28*, MW-127S1*, MW-127S2*, MW-129S*, MW-170S*, MW-62A*, MW-62B*, MW-62C*, MW-63*, MW-68C*, MW-68D*, MW-68S*, MW-69D*, MW-69S*, MW-70D*, MW-70S*, MW-83D*, MW-83S*, MW-89D*, MW-89S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-52	04-Oct-11	Yes	34-08	DOM	DES	No	5	06-Jul-11	ND (0.2)	ND (1)	MW-155D*, MW-155S*, MW-158C*, MW-158S*, MW-37*, MW-38A*, MW-38B*, MW-61*, MW-74D*, MW-74S, MW-75D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-37	26-Sep-11	Yes	24-09	DOM	DES	No	6	08-Jul-11	3.5	3	EX-31*, G-1R*, G-2R*, MW-107D*, MW-107S*, MW-128S1*, MW-128S2*, MW-128S3*, MW-71D*, MW-71S*, MW-72D*, MW-72S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-84D*, MW-84S*, MW-94D*, MW-94S*, MW-97D*, MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-011-18	23-Sep-11	Yes	25-17	DOM	DES	No	4	08-Jul-11	2.5	2	MW-110D*, MW-110S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-30	09-Sep-11	Yes	24-08	DOM	DES	No	7	16-Aug-11	3	2.9	MW-112D*, MW-112S*, MW-96D*, MW-96S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-55	09-Sep-11	Yes	34-05	DOM	DES	No	2	08-Mar-11	1.1J	1.5	CA-MW-110, CA-MW-301*, CA-MW-312D*, CA-MW-312S, CA-MW-313*, CA-MW-401*, CA-MW-412D*, CA-MW-412S*, MW-155D*, MW-155S*, MW-37*, MW-38A*, MW-38B*, MW-40, MW-61*, MW-73D*, MW-73S*, MW-74D*, MW-74S, MW-75D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-50	29-Aug-11	Yes	34-43	DOM	DES	No	4	06-Jul-11	ND (0.2)	ND (1)	MW-155D*, MW-155S*, MW-158C*, MW-158S*, MW-37*, MW-61*, MW-64A*, MW-64B*, MW-75D*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2020
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
0494-211-08	12-Aug-11	Yes	26-49	DOM	DES	No	7	08-Jul-11	4.6	4	C-02*, C-03*, C-04*, MW-32B1*, MW-32B2*, MW-32S*, MW-34*, MW-41S*, MW-50A*, MW-50B*, MW-50S*, MW-86D*, MW-86S*, MW-87D*, MW-87S*, MW-88D*, MW-88S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-34	03-Aug-11	Yes	23-32	DOM	DES	No	5	05-Apr-11	0.81	1	C-03*, EX-31*, EX-33*, G-1R*, G-2R*, G-5R*, MW-112D*, MW-112S*, MW-55A*, MW-55B*, MW-55C*, MW-55S*, MW-71D*, MW-71S*, MW-72D*, MW-72S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-86D*, MW-86S*, MW-94D*, MW-94S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-04	26-Jul-11	Yes	23-26	DOM	DES	No	5	05-Apr-11	ND (1)	ND (1)	EX-32*, G-1R*, G-2R*, MW-117D*, MW-117S1*, MW-117S2*, MW-127S1*, MW-127S2*, MW-128S1*, MW-128S2*, MW-128S3*, MW-69D*, MW-69S*, MW-70D*, MW-70S*, MW-71D*, MW-71S*, MW-83D*, MW-83S*, MW-84D*, MW-84S*, MW-85D*, MW-85S*, MW-89D*, MW-89S*, MW-94D*, MW-94S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-29	21-Jul-11	Yes	23-22	DOM	DES	No	5	05-Apr-11	3.9	4.3	EX-31*, EX-32*, EX-33*, G-1R*, G-2R*, MW-107D*, MW-107S*, MW-128S1*, MW-128S2*, MW-128S3*, MW-70D*, MW-70S*, MW-71D*, MW-71S*, MW-72D*, MW-72S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-84D*, MW-84S*, MW-85D*, MW-85S*, MW-94D*, MW-94S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-011-02	29-Jun-11	Yes	25-07	DOM	DES	No	6	05-Apr-11	3.2	3	MW-34*, MW-41A*, MW-41B*, MW-41S*, MW-50A*, MW-50B*, MW-50S*, MW-86D*, MW-86S*, MW-87D*, MW-87S*, MW-88D*, MW-88S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-24	27-Jun-11	Yes	23-13	DOM	DES	No	6	05-Apr-11	0.75	1.3	MW-117D*, MW-117S1*, MW-117S2*, MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-129S*, MW-85D*, MW-85S*, MW-89D*, MW-89S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-24	27-Jun-11	Yes	23-14	AGR	DES	No	4		1.1	1.5	MW-117D*, MW-117S1*, MW-117S2*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-85D*, MW-85S*, MW-89D*, MW-89S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-041-24	27-Jun-11	Yes	23-31	AGR	DES	No	1	17-Feb-10	0.41	ND (1)	MW-117D*, MW-117S1*, MW-117S2*, MW-125S1*, MW-125S2*, MW-126S1*, MW-126S2*, MW-127S1*, MW-127S2*, MW-129S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-211-06	27-Jun-11	Yes	26-50	DOM	DES	No	6	06-Apr-11	2.4	2.6	C-02*, C-03*, C-04*, EX-31*, G-5R*, MW-112D*, MW-112S*, MW-32B1*, MW-32B2*, MW-32S*, MW-34*, MW-50A*, MW-50B*, MW-50S*, MW-55A*, MW-55B*, MW-55C*, MW-55S*, MW-72D*, MW-72S*, MW-86D*, MW-86S*, MW-87D*, MW-87S*, MW-88D*, MW-88S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
	13-May-11	Yes	25-12	DOM	DES	No	4	05-Apr-11	1.6	1.4	C-02*, C-03*, C-04*, MW-32B2*, MW-32S*, MW-34*, MW-50A*, MW-50B*, MW-50S*, MW-86D*, MW-86S*, MW-87D*, MW-87S*, MW-88D*, MW-88S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-34	02-Jun-11	Yes	23-29	DOM	DES	No	1	02-Feb-11	0.87	1	MW-111D*, MW-111S1*, MW-111S2*, MW-117D*, MW-117S1*, MW-117S2*, MW-123S1*, MW-123S2*, MW-124D*, MW-124S1*, MW-124S2*, MW-125S1*, MW-125S2*, MW-156S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-201-36	30-May-12	Yes	34-31	DOM	INACT	No	4	18-Jan-12	0.18	ND (1)	MW-158C*, MW-158S*, MW-64A*, MW-64B*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-05	27-May-11	Yes	23-06	DOM	DES	No					EX-32*, G-1R*, G-2R*, MW-107D*, MW-107S*, MW-128S1*, MW-128S2*, MW-128S3*, MW-71D*, MW-71S*, MW-79D*, MW-79S*, MW-80D*, MW-80S*, MW-84D*, MW-84S*, MW-94D*, MW-94S*, MW-97D*, MW-97S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0495-031-05	27-May-11	Yes	23-08	AGR	DES	No					EX-32*, G-1R*, MW-105D*, MW-105S*, MW-107D*, MW-107S*, MW-128S1*, MW-128S2*, MW-128S3*, MW-84D*, MW-84S*, MW-94D*, MW-94S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes
0494-011-21	13-May-11	Yes	25-11	DOM	DES	No	6	05-Apr-11	2.3	2.8	C-02*, C-03*, MW-112D*, MW-112S*, MW-34*, MW-50A*, MW-50B*, MW-50S*, MW-86D*, MW-86S*, MW-87D*, MW-87S*, MW-88D*, MW-88S*	Yes	There is at least one multi-level monitoring well within 2,000 feet	Yes

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2020
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

APN	PG&E Purchase Date	Well Within Mandatory DWSP?	Well ID	Well Type	Well Status	Cr(VI) or Cr(T)>=2 ppb after Sept 29, 2011?	Number of Samples (not incl. field duplicates)	Most Recent Sample Date	Most Recent Cr(VI) Concentration (ppb)	Most Recent Cr(T) Concentration (ppb)	Monitoring Wells Located Within 2,000 feet	Multi-level Well Within 2,000 feet?	Rationale for Removal	Secured?
Wells on PG&E-owned property (purchased after Jan 2011) that were not included in the mandatory DWSP														
0488-112-44	10-Dec-18	No	02-28	DOM	INACT									Yes
0488-151-22	19-Nov-18	No	03-17	DOM	INACT									Yes
0494-051-40	28-Dec-18	No	27-13	DOM	INACT									Yes
0494-051-40	28-Dec-18	No	27-15	DOM	ABN									Yes
0494-051-40	28-Dec-18	No	27-37	DOM	ABN									Yes
0494-031-19	19-May-17	No	34-39	DOM	ABN									Yes
0494-251-10	6-Apr-18	Yes	35-28	DOM	ABN									Yes
0494-031-38	26-Mar-18	Yes	34-11A	DOM	INACT									Yes
0495-063-03	23-Oct-17	No	22-71	DOM	INACT									Yes
0494-031-70	18-May-17	Yes	34-66	DOM	INACT									Yes
0494-031-69	18-May-17	Yes	34-29	DOM	INACT									Yes
0494-031-68	12-Apr-17	Yes	34-65	DOM	INACT									Yes
0494-201-22		Yes	34-38	DOM	ABN								Destroyed during California Department of Transportation construction	
0497-081-39	29-Feb-16	Yes	06-20	DOM	INACT									Yes
0494-111-07	06-Nov-15	Yes	28-72	DOM	DES									Yes
0494-011-19	19-Aug-15	Yes	25-15	DOM	ABN									Yes
0495-041-23	02-Jul-15	Yes	23-34	DOM	ABN									Could not be located.
0494-311-21	14-May-15	Yes	33-06	WTR	DES									Yes
0494-021-11	14-May-14	Yes	36-14	DOM	DES									Yes
0494-021-11	14-May-14	Yes	36-15	WTR	INACT									Yes
0494-021-11	14-May-14	Yes	36-16	AGR	INACT									Yes
0494-231-03	08-May-14	Yes	25-05	DOM	DES									Yes
0495-072-05	29-Jan-14	Yes	21-01	WTR	ABN									Could not be located.
0494-241-34	26-Nov-13	Yes	LIGHTLE	WTR	INACT									Could not be located.
0495-051-24	19-Sep-13	Yes	22-01	AGR	DES									Yes
0494-271-08	30-Aug-13	Yes	28-07	WTR	DES									Yes
0494-241-03	06-Aug-13	Yes	36-23	AGR	INACT									Yes
0488-151-04	02-Aug-13	Yes	03-03	WTR	INACT									Could not be located.
0488-151-04	02-Aug-13	Yes	03-18	DOM	DES									Could not be located.
0494-241-06	18-Jul-13	Yes	36-06A	DOM	ABN									Could not be located.
0494-241-06	18-Jul-13	Yes	36-06	WTR	INACT									Yes
0494-191-05	25-Jun-13	Yes	28-04	AGR	DES									Yes
0494-221-50	20-Jun-13	Yes	26-38	AGR	DES									Could not be located.
0494-211-10	20-Jun-13	Yes	26-48	AGR	DES									Yes
0494-221-50	20-Jun-13	Yes	26-55	DOM	DES									Could not be located.
0494-201-19	05-Jun-13	Yes	34-40	DOM	DES									Could not be located.
0494-201-19	05-Jun-13	Yes	34-41	DOM	DES									Could not be located.
0494-201-35	22-Apr-13	Yes	34-52	AGR	DES									Yes
0488-112-26	12-Dec-12	Yes	02-04	WTR	DES									Yes
0494-221-15	14-Aug-12	Yes	26-21	DOM	DES									Yes
0494-211-11	14-Aug-12	Yes	26-34	AGR	DES									Yes
0494-211-11	14-Aug-12	Yes	26-35	AGR	DES									Yes
0494-211-11	14-Aug-12	Yes	26-36	AGR	DES									Yes
0494-011-09	02-Nov-11	Yes	25-09	WTR	ABN									Could not be located.
0495-041-18	21-Oct-11	Yes	23-21	DOM	DES									Could not be located.
0494-201-52	04-Oct-11	Yes	34-42	DOM	DES									Yes
0494-201-50	29-Aug-11	Yes	34-07	DOM	DES									Yes
0495-041-34	03-Aug-11	Yes	23-33	DOM	ABN									Could not be located.
0494-011-02	29-Jun-11	Yes	25-13	DOM	DES									Yes
0494-211-06	27-Jun-11	Yes	26-69	DOM	ABN									Yes
0494-211-04	11-Apr-11	Yes	26-70	WTR	ABN									Could not be located.

Table 2-5
Wells Removed from the Domestic Well Sampling Program through First Quarter 2020
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Abbreviations:

* Indicates the well has been sampled after 12/1/2011
ABN = abandoned
AGR = agricultural well
APN = assessor's parcel number
Cr(T) = total chromium
Cr(VI) = hexavalent chromium
DES = destroyed
DOM = domestic well
DWSP = Domestic Well Sampling Program
INACT = inactive
ND (X.XX) = non-detect, value in paranthesis is the reporting limit value
PG&E = Pacific Gas and Electric Company
ppb = parts per billion
WTR = water well

Reference:

California Regional Water Quality Control Board' Lahontan Region. 2015. Cleanup and Abatement Order No. R6v-2015-0068 Requiring PG&E to Cleanup and Abate Waste Discharge of Total Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit, PG&E Compressor Station, Hinkley, San Bernardino County. November 4.

= domestic well is located within 2,000 feet of a multi-level monitoring well (Group 1)
= domestic well is not located within 2,000 feet of a multi-level monitoring well. Cr(VI) and Cr(T) concentrations after September 29, 2011 are below 2 ppb (Group 2)
= domestic well is not located within 2,000 feet of a multi-level monitoring well (Group 3)

Table 2-6
Former Domestic and Agricultural Supply Wells Destroyed by PG&E, Second Quarter 2020
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Location Type Code	Abandonment Date
None		
Total number of wells:	0	

Abbreviations:

PG&E = Pacific Gas and Electric Company

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
26-65	07/08/2019	ND (0.06)	218.6LL	ND (1.0)				
	10/08/2019	ND (0.06)	218.6LL	ND (1.0)				
	01/15/2020	ND (0.06)	218.6LL	ND (1.0)				
	04/09/2020	ND (0.06)	218.6LL	ND (1.0)	0.26	09/11/2013	5.0	07/22/2003
	04/09/2020 dup	ND (0.06)	218.6LL	ND (1.0)				
26-66	07/08/2019	ND (0.06)	218.6LL	ND (1.0)				
	10/08/2019	ND (0.06)	218.6LL	ND (1.0)				
	01/15/2020	ND (0.06)	218.6LL	ND (1.0)				
	04/09/2020	ND (0.06)	218.6LL	ND (1.0)	0.57	10/14/2015	2.2	08/23/2005
BW-01D	07/10/2019	7.2	218.6	6.9				
	10/21/2019	3.4	218.6	3.7				
	01/13/2020	2.3	218.6	3.2				
	04/09/2020	2.2	218.6	2.5	17.0	01/10/2019	20.0	01/10/2019
BW-01S	07/10/2019	13	218.6	13				
	10/21/2019	2.6	218.6	3.2				
	01/14/2020	1.1	218.6	2.0				
	04/09/2020	6.2	218.6	6.5				
	06/02/2020	9.8	218.6	9.5	19.0	05/08/2019	19.0	05/08/2019
C-01	10/17/2019	1.6	218.6	1.6				
	04/14/2020	1.4	218.6	1.5	7.1	10/10/2014	7.6	04/10/2014
C-02	10/10/2019	3.2	218.6	3.6				
	10/10/2019 dup	3.2	218.6	3.6				
	04/07/2020	4.3	218.6	4.1	14.7	10/25/2011	14.0	04/19/2012
C-03	10/10/2019	1.8	218.6	1.5				
	04/07/2020	1.8	218.6	1.7	12.8	10/25/2011	12.3	01/27/2012
C-04	10/22/2019	2.5	218.6	2.4				
	04/14/2020	0.43	218.6	ND (1.0)	7.9	10/10/2014	7.6	04/10/2014
CA-MW-107D	07/15/2019	ND (0.2)	218.6	1.9				
	11/04/2019	ND (0.2)	218.6	2.8				
	12/03/2019	ND (0.2)	218.6	ND (1.0)				
	01/07/2020	ND (0.2)	218.6	2.5				
	04/16/2020	ND (0.2)	218.6	ND (1.0)	170	04/09/2014	202	05/06/2009
CA-MW-302D	07/12/2019	120	218.6	120				
	01/09/2020	120	218.6	130	120	01/09/2020	130	01/09/2020
CA-MW-310S	07/18/2019	0.91	218.6	ND (1.0)				
	01/09/2020	ND (0.2)	218.6	ND (1.0)	12.0	02/04/2016	11.0	01/12/2017

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
CA-MW-312D	07/18/2019	50	218.6	47				
	07/18/2019 dup	49	218.6	47				
	11/04/2019	39	218.6	42				
	01/09/2020	60	218.6	65				
	04/24/2020	42	218.6	41	79.0	04/14/2017	76.0	04/14/2017
CA-MW-313R	07/19/2019	230	218.6	230				
	11/04/2019	190	218.6	220				
	01/09/2020	180	218.6	210				
	04/24/2020	140	218.6	140	250	04/30/2018	280	04/30/2018
CA-MW-317S	07/12/2019	1.7	218.6	1.7	8.7	11/03/2010	8.2	11/03/2010
CA-MW-402S	07/12/2019	57	218.6	55				
	01/09/2020	25	218.6	24	93.0	05/09/2017	93.0	10/19/2017
CA-MW-405D	07/15/2019	30	218.6	30				
	01/09/2020	24	218.6	25	97.0	11/05/2013	91.0	02/03/2014
CA-MW-411S	07/15/2019	0.28	218.6	1.0				
	01/10/2020	ND (0.2)	218.6	ND (1.0)	73.0	08/04/2011	70.0	08/04/2011
CA-MW-412D	07/19/2019	81	218.6	77				
	11/05/2019	76	218.6	77				
	01/10/2020	57	218.6	57				
	04/24/2020	73	218.6	75	88.0	10/19/2017	86.0	01/11/2019
CA-MW-412D2	07/18/2019	ND (0.2)	218.6	ND (1.0)				
	11/04/2019	ND (0.2)	218.6	ND (1.0)				
	01/10/2020	ND (0.2)	218.6	1.3				
	04/24/2020	ND (0.2)	218.6	ND (1.0)	ND (0.2)	04/24/2020	1.3	01/10/2020
CA-MW-510D	08/05/2019	0.45	218.6	ND (1.0)				
	11/06/2019	0.4	218.6	4.3				
	02/03/2020	0.47	218.6	1.0				
	05/04/2020	0.39	218.6	1.1	32.0	11/07/2011	28.0	11/07/2011
DW-02	07/10/2019	1.7	218.6	5.1				
	09/05/2019	2.0	218.6	2.0				
	10/15/2019	1.8	218.6	1.7				
	01/06/2020	2.0	218.6	2.0				
	04/17/2020	1.7	218.6	2.8	2.4	10/11/2017	12.6	04/19/2006
DW-03	10/15/2019	2.0	218.6	2.2				
	10/15/2019 dup	2.0	218.6	2.2				
	04/09/2020	2.2	218.6	2.2	2.4	05/05/2011	6.7	04/19/2006
	04/09/2020 dup	2.2	218.6	2.2				

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
EX-02	07/09/2019	6.5	218.6	5.8				
	10/10/2019	5.1	218.6	5.5				
	01/09/2020	5.8	218.6	5.4				
	04/07/2020	5.1	218.6	5.3	23.0	10/17/2014	23.6	11/09/2004
EX-03	10/17/2019	1.7	218.6	3.2				
	12/05/2019	0.45	218.6	ND (1.0)				
	04/24/2020	0.34	218.6	1.5				
	06/05/2020	0.67	218.6	1.9	34.0	06/21/2007	32.8	08/13/2007
EX-04	07/11/2019	1.7	218.6	1.9				
	10/17/2019	1.8	218.6	2.1				
	01/15/2020	2.0	218.6	2.2				
	04/14/2020	1.4	218.6	2.5				
	04/14/2020 dup	1.4	218.6	2.5				
	06/05/2020	1.3	218.6	2.1	24.6	06/04/2008	27.5	06/04/2008
EX-05	10/17/2019	1.4	218.6	1.6				
	04/14/2020	1.2	218.6	1.2	10.2	03/31/2011	10.1	06/16/2011
EX-15	10/17/2019	1.1	218.6	1.2				
	04/16/2020	0.94	218.6	ND (1.0)	48.5	08/19/2010	47.2	11/10/2009
EX-16	10/18/2019	1.2	218.6	2.0				
	04/23/2020	0.6	218.6	ND (1.0)	57.0	12/14/2006	56.5	12/14/2006
EX-17	10/25/2019	ND (0.2)	218.6	ND (1.0)				
	04/23/2020	ND (0.2)	218.6	ND (1.0)	ND (0.2)	04/23/2020	ND (1.0)	04/23/2020
EX-20	10/17/2019	1.8	218.6	2.2				
	10/17/2019 dup	1.8	218.6	2.2				
	04/16/2020	1.3	218.6	1.7	61.2	06/02/2008	63.2	06/02/2008
EX-21	10/18/2019	ND (0.2)	218.6	ND (1.0)				
	05/08/2020	ND (0.2)	218.6	ND (1.0)	45.3	08/19/2010	40.0	08/19/2010
EX-22	07/09/2019	42	218.6	39				
	10/10/2019	31	218.6	34				
	01/09/2020	31	218.6	31				
	04/16/2020	36	218.6	34	53.0	04/09/2019	52.0	04/09/2019
EX-23	10/15/2019	1.7	218.6	3.2				
	10/15/2019 dup	1.7	218.6	2.9				
	12/05/2019	5.9	218.6	5.3				
	04/24/2020	2.2	218.6	2.8	6.0	09/15/2010	5.8	01/27/2011
	04/24/2020 dup	2.2	218.6	2.9				
EX-25	10/15/2019	2.9	218.6	2.9				
	04/07/2020	2.9	218.6	2.9	9.5	09/12/2011	9.9	09/12/2011

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Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
EX-27	10/15/2019	4.0	218.6	4.1				
	04/07/2020	4.7	218.6	4.8	9.8	01/08/2015	9.1	10/09/2013
EX-29	07/09/2019	7.3	218.6	7.0				
	10/15/2019	5.8	218.6	6.5				
	01/09/2020	7.3	218.6	7.1				
	04/16/2020	7.1	218.6	6.7	39.5	06/14/2012	41.5	08/09/2012
EX-30	07/09/2019	3.2	218.6	2.9				
	10/15/2019	2.6	218.6	2.7				
	01/09/2020	2.5	218.6	2.5				
	04/16/2020	2.3	218.6	2.2	47.0	01/08/2014	44.0	01/31/2013
EX-31	07/11/2019	4.1	218.6	6.2				
	09/05/2019	4.6	218.6	6.1				
	10/17/2019	3.8	218.6	6.0				
	10/17/2019 dup	3.9	218.6	6.0				
	12/05/2019	5.4	218.6	5.3				
	01/14/2020	5.9	218.6	5.9				
	01/14/2020 dup	5.8	218.6	5.8				
	04/16/2020	3.7	218.6	5.6				
	06/04/2020	3.1	218.6	5.5	6.2	10/03/2017	6.2	07/11/2019
EX-32	10/17/2019	0.5	218.6	ND (1.0)				
	03/10/2020	0.82	218.6	ND (1.0)				
	04/16/2020	2.1	218.6	2.0	2.5	01/25/2013	2.9	10/11/2012
	04/16/2020 dup	2.1	218.6	2.1				
EX-33	07/11/2019	2.5	218.6	2.5				
	07/11/2019 dup	2.5	218.6	2.4				
	10/17/2019	2.7	218.6	2.6				
	10/17/2019 dup	2.7	218.6	2.6				
	01/14/2020	2.8	218.6	2.6				
	01/14/2020 dup	2.8	218.6	2.6				
	04/16/2020	2.8	218.6	2.5	7.8	06/14/2012	7.8	06/14/2012
EX-34	07/09/2019	8.6	218.6	7.9				
	10/15/2019	7.9	218.6	8.1				
	01/09/2020	7.4	218.6	6.9				
	04/07/2020	6.8	218.6	7.1	26.0	10/13/2015	27.0	07/13/2015
EX-35	10/17/2019	1.5	218.6	1.4				
	04/07/2020	3.9	218.6	3.8	4.1	10/04/2017	4.5	05/07/2013
	04/07/2020 dup	3.8	218.6	4.0				
EX-36	10/17/2019	0.98	218.6	13				
	12/06/2019	1.6	218.6	33 J				
	05/08/2020	0.25	218.6	5.4				
	06/04/2020	0.98	218.6	23	2.0	05/15/2014	34.0	10/17/2018

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
EX-37	07/09/2019	11	218.6	11				
	10/15/2019	11	218.6	14				
	02/03/2020	14	218.6	14				
	04/16/2020	14	218.6	38	20.0	02/05/2015	38.0	04/16/2020
EX-38	07/09/2019	65	218.6	62				
	10/15/2019	56	218.6	58				
	01/15/2020	45	218.6	44				
	04/16/2020	32	218.6	31	65.0	07/09/2019	62.0	07/09/2019
EX-39	07/09/2019	300	218.6	290				
	10/15/2019	120	218.6	130				
	04/24/2020	120	218.6	130	330	01/18/2018	340	01/18/2018
EX-40	07/11/2019	790	218.6	770	1000	01/16/2018	1100	01/16/2018
EX-41	04/09/2020	0.54	218.6	2.8	27.0	01/17/2017	32.0	10/10/2017
EX-42	07/09/2019	64	218.6	53				
	07/09/2019 dup	66	218.6	61				
	10/15/2019	78	218.6	75				
	10/15/2019 dup	77	218.6	79				
	01/15/2020	74	218.6	71				
	04/09/2020	90	218.6	90	260	01/07/2016	280	01/07/2016
EX-45	07/09/2019	440	218.6	430	560	10/10/2017	560	10/10/2017
EX-50	07/09/2019	130	218.6	120				
	10/15/2019	54	218.6	59				
	10/15/2019 dup	55	218.6	59				
	01/09/2020	40	218.6	40				
	05/05/2020	69	218.6	69	720	03/31/2015	750	07/10/2015
	05/05/2020 dup	70	218.6	67				
EX-51	07/24/2019	48	218.6	45				
	03/10/2020	53	218.6	49				
	04/09/2020	70	218.6	70	70.0	04/09/2020	70.0	04/09/2020
EX-52	07/09/2019	15	218.6	16				
	10/15/2019	12	218.6	13				
	01/15/2020	13	218.6	13				
	04/09/2020	14	218.6	14	20.0	10/08/2015	18.0	07/12/2018
EX-53	07/09/2019	14	218.6	12				
	10/15/2019	12	218.6	13				
	01/09/2020	12	218.6	12				
	04/16/2020	12	218.6	11	21.0	10/10/2017	20.0	10/10/2017
EX-54	01/15/2020	100	218.6	96	160	04/11/2019	160	04/11/2019

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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
EX-55	07/16/2019	80	218.6	74				
	11/07/2019	69	218.6	73				
	11/07/2019 dup	69	218.6	70				
	01/15/2020	73	218.6	68				
	04/16/2020	72	218.6	67	80.0	07/16/2019	74.0	07/16/2019
	04/16/2020 dup	71	218.6	69				
EX-56	07/11/2019	13	218.6	12				
	10/15/2019	12	218.6	12				
	01/09/2020	13	218.6	12				
	01/09/2020 dup	13	218.6	12				
	04/09/2020	13	218.6	13	52.0	03/01/2018	27.0	07/12/2018
EX-59	07/11/2019	33	218.6	30				
	10/15/2019	31	218.6	32				
	01/09/2020	28	218.6	27				
	04/09/2020	36	218.6	36	36.0	04/09/2020	36.0	04/09/2020
EX-60D	07/11/2019 [a]	240	218.6	240				
	10/17/2019 [a]	240	218.6	260				
	01/09/2020 [a]	220	218.6	220 J				
	04/09/2020 [a]	260	218.6	290	260	04/09/2020	290	04/09/2020
EX-61D	07/11/2019 [a]	110	218.6	100				
	10/17/2019 [a]	100	218.6	100				
	01/09/2020 [a]	81	218.6	82				
	04/09/2020 [a]	110	218.6	110	110	04/09/2020	110	04/09/2020
EX-62	07/11/2019	5.8	218.6	5.3				
	10/17/2019	5.0	218.6	5.2				
	10/17/2019 dup	5.0	218.6	5.3				
	01/09/2020	4.2	218.6	4.5				
	04/09/2020	5.0	218.6	5.0	5.8	07/11/2019	5.6	04/09/2019
FW-01	07/16/2019	0.75	218.6	ND (1.0)				
	01/15/2020	0.72	218.6	ND (1.0)	1.1	02/06/2015	1.9	10/27/2011
	01/15/2020 dup	0.71	218.6	ND (1.0)				
FW-02	07/16/2019	0.92	218.6	ND (1.0)				
	01/15/2020	0.91	218.6	ND (1.0)	1.1	01/03/2017	1.6	02/08/2012
FW-03	07/16/2019	ND (0.2)	218.6	ND (1.0)				
	01/16/2020	ND (0.2)	218.6	ND (1.0)	0.36	01/18/2018	ND (1.0)	01/16/2020
	01/16/2020 dup	0.2	218.6	ND (1.0)				
FW-04	07/16/2019	ND (0.2)	218.6	ND (1.0)				
	01/15/2020	0.24	218.6	ND (1.0)	0.31	01/21/2016	ND (1.0)	01/15/2020
G-1R	10/17/2019	0.66	218.6	ND (1.0)				
	04/23/2020	ND (0.2)	218.6	ND (1.0)	5.1	03/09/2011	5.4	03/09/2011

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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
G-2R	10/17/2019	1.4	218.6	1.2				
	10/17/2019 dup	1.4	218.6	1.1				
	04/09/2020	1.5	218.6	1.5	6.9	07/09/2015	7.0	07/09/2015
	04/09/2020 dup	1.6	218.6	1.5				
G-5R	10/17/2019	1.2	218.6	1.4				
	04/09/2020	1.4	218.6	1.5	6.6	09/12/2011	6.8	10/25/2011
IW-01	07/11/2019	9.6	218.6	8.6				
	10/10/2019	8.6	218.6	8.9				
	01/09/2020	7.5	218.6	7.5				
	04/14/2020	7.2	218.6	6.8	60.0	03/04/1998	63.0	02/08/2000
IW-02	07/11/2019	7.1	218.6	6.7				
	10/10/2019	6.9	218.6	7.1				
	10/10/2019 dup	6.8	218.6	7.3				
	01/10/2020	8.3	218.6	7.9				
	04/14/2020	7.5	218.6	6.9	82.0	10/08/1997	90.0	10/03/1995
	04/14/2020 dup	7.4	218.6	6.9				
IW-03	10/10/2019	4.2	218.6	4.3				
	04/14/2020	4.1	218.6	3.8	6.0	12/11/2014	6.2	08/08/2013
MW-01	07/24/2019	ND (0.2)	218.6	ND (1.0)				
	10/23/2019	ND (0.2)	218.6	ND (1.0)				
	01/23/2020	ND (0.2)	218.6	ND (1.0)				
	04/22/2020	ND (0.2)	218.6	ND (1.0)	990	07/21/2015	1490	08/23/2005
MW-03	07/25/2019	19	218.6	18				
	10/24/2019	16	218.6	17				
	01/23/2020	18	218.6	16				
	01/23/2020	18	7199	---				
	04/22/2020	17	218.6	16	110	05/01/1988	140	08/11/1994
MW-04	07/11/2019	130	218.6	120 J				
	11/08/2019	13	218.6	15				
	01/16/2020	14	218.6	13				
	04/13/2020	1.4	218.6	13	410	01/06/2017	460	01/21/2016
MW-05	10/21/2019	1.3	218.6	1.6				
	04/13/2020	1.4	218.6	1.7	10.0	05/01/1988	7.0	02/18/2004
MW-09	10/21/2019	1.5	218.6	1.4				
	04/13/2020	1.6	218.6	1.6	52.0	02/20/2004	56.9	12/01/2003
MW-10	07/25/2019	9.3	218.6	9.1				
	10/24/2019	8.9	218.6	9.7				
	02/04/2020	5.7	218.6	5.4				
	04/20/2020	6.7	218.6	6.1	100	05/01/1988	93.0	11/16/1998

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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-11B	07/11/2019	0.86	218.6	4.0				
	11/08/2019	59	218.6	59				
	01/16/2020	15	218.6	23				
	01/16/2020 dup	13	218.6	21				
	04/13/2020	0.25	218.6	1.1	3700	05/01/1988	4200	05/01/1988
	04/13/2020 dup	0.23	218.6	1.1				
MW-11C	10/22/2019	ND (0.2)	218.6	ND (1.0)	ND (0.2)	10/22/2019	2.0	12/07/2001
MW-12B	07/17/2019	4.7	218.6	4.8	47.6	07/29/2011	46.9	07/29/2011
MW-13	07/17/2019	1.6	218.6	1.3	110	02/07/2013	310	02/23/1994
MW-14A	08/05/2019	1.6	218.6	1.5				
	08/05/2019 dup	1.6	218.6	1.5				
	02/03/2020	1.9	218.6	1.9	140	02/23/1999	190	10/05/1995
MW-14B	10/22/2019	23	218.6	24				
	04/17/2020	24	218.6	26	46.2	07/29/2011	120	02/27/1996
MW-14C	10/22/2019	ND (0.2)	218.6	ND (1.0)	20.0	05/01/1988	2.9	02/20/2004
MW-15	07/25/2019	230	218.6	220				
	10/24/2019	290	218.6	340				
	01/23/2020	160	218.6	160				
	04/22/2020	120	218.6	140	2600	05/01/1988	4700	10/04/1995
MW-16	07/12/2019	2.1	218.6	1.8				
	07/12/2019 dup	2.1	218.6	1.9				
	11/08/2019	2.9	218.6	3.3				
	12/03/2019	1.4	218.6	1.6				
	01/21/2020	1.4	218.6	1.3				
	04/17/2020	0.93	218.6	1.0	811	07/29/1997	930	10/07/1997
MW-17	07/11/2019	58	218.6	58				
	11/06/2019	76	218.6	76				
	01/21/2020	84	218.6	79				
	04/17/2020	100	218.6	99	162	05/02/2011	164	05/02/2011
MW-17D	07/11/2019	3.0	218.6	3.4				
	09/05/2019	2.4	218.6	2.9				
	01/20/2020	1.7	218.6	1.7	3.0	07/11/2019	3.4	07/11/2019
MW-18	07/11/2019	5.0	218.6	4.7				
	01/20/2020	2.0	218.6	2.2	162	08/09/2007	284	11/12/2002
MW-20	07/25/2019	ND (0.2)	218.6	1.1				
	10/24/2019	ND (0.2)	218.6	ND (1.0)				
	01/23/2020	ND (0.2)	218.6	ND (1.0)				
	04/22/2020	ND (0.2)	218.6	ND (1.0)	1790	05/02/2011	2400	04/09/1997
	04/22/2020 dup	ND (0.2)	218.6	ND (1.0)				

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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-21A	07/10/2019	1.4	218.6	1.5				
	10/16/2019	1.0	218.6	1.2				
	01/08/2020	1.1	218.6	1.3				
	04/08/2020	1.1	218.6	1.3	4.1	01/14/2016	5.5	01/14/2016
MW-21B1	07/10/2019	6.0	218.6	5.6				
	10/16/2019	5.0	218.6	5.4				
	01/08/2020	5.1	218.6	4.9				
	04/08/2020	4.9	218.6	5.1	37.9	10/11/2005	37.0	10/11/2005
MW-21C	10/16/2019	ND (0.2)	218.6	ND (1.0)				
	04/08/2020	ND (0.2)	218.6	ND (1.0)	2.3	09/24/2002	55.7	11/12/2002
MW-22B	10/18/2019	8.1	218.6	7.9				
	04/13/2020	7.5	218.6	7.1	36.8	04/08/2013	38.4	01/14/2014
MW-23B	07/10/2019	4.6	218.6	4.4				
	10/24/2019	3.3	218.6	3.4				
	01/16/2020	4.1	218.6	3.8				
	04/13/2020	4.2	218.6	4.3	64.9	06/24/2003	68.8	04/17/2003
MW-23C	10/24/2019	0.64	218.6	ND (1.0)				
	04/13/2020	0.5	218.6	ND (1.0)	23.8	11/07/2011	26.2	04/17/2012
MW-27A	10/22/2019	10	218.6	9.8				
	04/15/2020	12	218.6	11	24.5	02/20/2004	35.4	12/01/2003
MW-27B	10/22/2019	5.9	218.6	5.7				
	04/15/2020	5.3	218.6	5.7	15.5	02/08/2005	20.2	02/08/2005
MW-28B	10/18/2019	2.0	218.6	2.2				
	04/13/2020	4.1	218.6	4.0	64.0	10/16/2007	61.6	04/13/2007
MW-28C	10/18/2019	0.52	218.6	ND (1.0)				
	04/13/2020	0.4	218.6	ND (1.0)	11.3	04/25/2012	12.2	04/25/2012
MW-29	10/16/2019	1.1	218.6	1.7				
	04/14/2020	0.95	218.6	1.7	25.8	02/04/2009	27.0	02/13/2008
MW-31	07/10/2019	2.1	218.6	1.9				
	10/11/2019	1.9	218.6	1.9				
	01/06/2020	2.0	218.6	2.4				
	04/23/2020	2.1	218.6	2.6	34.1	04/09/2007	37.8	04/09/2007
MW-31C	10/11/2019	1.7	218.6	1.6				
	04/10/2020	1.7	218.6	1.7	2.1	11/16/2009	2.1	10/17/2018
MW-32B1	07/09/2019	3.8	218.6	3.5				
	10/16/2019	3.4	218.6	3.5				
	01/06/2020	3.6	218.6	3.5				
	04/08/2020	3.5	218.6	3.4	17.1	04/15/2013	17.4	04/15/2013

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-32S	07/09/2019	1.2	218.6	2.1				
	07/09/2019 dup	1.2	218.6	2.0				
	10/16/2019	0.87	218.6	2.7				
	01/06/2020	0.98	218.6	4.5				
	03/04/2020	0.9	218.6	3.0				
	04/08/2020	1.0	218.6	2.0	4.9	04/09/2013	5.7	04/08/2016
MW-34	10/22/2019	ND (0.2)	218.6	ND (1.0)				
	04/08/2020	ND (0.2)	218.6	ND (1.0)	0.46	07/15/2003	4.0	02/22/2006
MW-36	07/11/2019	15	218.6	13				
	09/05/2019	25	218.6	26				
	11/06/2019	9.1	218.6	8.4				
	01/15/2020	17	218.6	15				
	03/03/2020	10	218.6	9.1				
	04/16/2020	9.3	218.6	9.0	440	10/20/2015	460	10/20/2015
MW-37	07/09/2019	1.5	218.6	1.5				
	11/06/2019	0.64	218.6	1.1				
	11/06/2019 dup	0.67	218.6	1.3				
	01/15/2020	0.76	218.6	2.0				
	03/05/2020	0.76	218.6	1.4				
	04/15/2020	0.86	218.6	3.1	1.6	01/05/2017	3.9	01/13/2014
	04/15/2020 dup	0.84	218.6	2.7				
MW-38B	07/09/2019	11	218.6	10				
	11/06/2019	7.1	218.6	7.4				
	01/15/2020	7.7	218.6	7.9				
	04/15/2020	6.8	218.6	7.5	51.5	02/20/2004	47.6	04/28/2004
MW-39	07/11/2019	ND (0.2)	218.6	ND (1.0)				
	01/15/2020	ND (0.2)	218.6	ND (1.0)				
	04/22/2020	ND (0.2)	218.6	ND (1.0)	25.0	07/23/2015	24.0	07/20/2016
MW-39D	07/11/2019	0.35	218.6	ND (1.0)				
	11/07/2019	ND (0.2)	218.6	1.6				
	01/15/2020	ND (0.2)	218.6	ND (1.0)				
	04/23/2020	ND (0.2)	218.6	ND (1.0)	41.0	10/17/2018	43.0	01/23/2018
MW-41S	07/10/2019	9.8	218.6	11				
	10/23/2019	9.6	218.6	11				
	01/14/2020	7.7	218.6	8.7				
	04/10/2020	9.8	218.6	9.6	12.6	10/04/2012	14.0	04/11/2016
MW-42B1	10/16/2019	3.3	218.6	3.7				
	04/10/2020	3.9	218.6	4.5	45.6	08/14/2006	42.8	04/19/2006
MW-42B2	10/16/2019	4.7	218.6	5.0				
	04/10/2020	5.1	218.6	5.4	54.6	01/13/2012	54.4	01/24/2013

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Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-42C	10/16/2019	2.0	218.6	3.4				
	12/05/2019	0.22	218.6	1.7				
	04/10/2020	1.8	218.6	2.2	15.4	08/08/2011	16.0	05/06/2011
MW-43	10/15/2019	2.4	218.6	2.9				
	04/23/2020	2.4	218.6	2.6	28.4	06/18/2007	29.1	04/12/2007
MW-44B	10/21/2019	1.3	218.6	1.9				
	04/15/2020	1.4	218.6	2.0	41.2	02/08/2005	45.6	04/14/2005
MW-45A	10/24/2019	1.0	218.6	1.2				
	10/24/2019 dup	0.96	218.6	1.3				
	04/14/2020	0.74	218.6	1.2	59.9	02/13/2008	55.2	08/10/2009
MW-45B	10/24/2019	1.2	218.6	1.6				
	04/14/2020	1.2	218.6	1.8	4.8	04/07/2008	5.8	02/13/2008
MW-47	10/18/2019	1.3	218.6	2.0				
	05/07/2020	1.3	218.6	1.6	18.1	08/18/2005	18.2	08/18/2005
MW-49A	10/24/2019	4.6	218.6	5.3				
	04/15/2020	4.7	218.6	5.7	4.9	10/27/2010	12.2	09/01/2004
MW-49B	10/24/2019	1.9	218.6	2.6				
	04/15/2020	2.1	218.6	2.5	2.9	12/07/2006	10.1	02/08/2005
MW-49S	10/24/2019	4.0	218.6	4.3				
	04/15/2020	4.3	218.6	5.2	5.2	02/01/2017	5.6	02/01/2017
MW-50B	07/10/2019	7.8	218.6	8.2				
	10/24/2019	6.9	218.6	7.5				
	01/10/2020	7.6	218.6	7.2				
	04/07/2020	6.9	218.6	6.8	8.2	01/10/2018	8.2	07/10/2019
MW-50S	07/10/2019	13	218.6	13				
	10/24/2019	13	218.6	14				
	01/10/2020	12	218.6	12				
	04/07/2020	13	218.6	13	17.0	04/07/2016	19.0	04/07/2016
MW-54	10/25/2019	0.84	218.6	1.9				
	12/05/2019	0.88	218.6	2.6	3.5	06/12/2008	5.1	02/22/2006
MW-55A	07/10/2019	1.1	218.6	1.1				
	10/16/2019	0.9	218.6	ND (1.0)				
	01/07/2020	0.22	218.6	ND (1.0)				
	04/07/2020	0.68	218.6	ND (1.0)	1.8	11/03/2016	2.2	04/13/2005
MW-55C	10/16/2019	ND (0.2)	218.6	ND (1.0)				
	04/07/2020	ND (0.2)	218.6	ND (1.0)	0.56	05/13/2010	ND (1.0)	04/07/2020

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Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-55S	07/10/2019	2.3	218.6	3.1				
	10/16/2019	2.1	218.6	3.0				
	01/07/2020	2.1	218.6	2.7				
	04/07/2020	1.9	218.6	2.5	3.2	01/13/2011	4.4	05/05/2011
MW-56	10/25/2019	11	218.6	11				
	12/05/2019	16	218.6	15				
	04/07/2020	10	218.6	10	16.0	12/05/2019	15.0	12/05/2019
MW-57	10/25/2019	1.5	218.6	2.4				
	04/10/2020	1.4	218.6	1.8	3.1	08/08/2011	5.0	02/14/2008
MW-57D	10/25/2019	1.8	218.6	2.2				
	04/10/2020	1.9	218.6	2.2	2.9	10/04/2013	3.4	04/17/2012
MW-58	10/18/2019	0.39	218.6	ND (1.0)				
	05/07/2020	0.47	218.6	1.6				
	05/07/2020 dup	0.46	218.6	1.5				
	06/05/2020	ND (0.49)	218.6	ND (1.0)	2.1	01/25/2006	3.6	10/26/2010
MW-59	10/18/2019	1.3	218.6	1.8	2.2	06/01/2011	3.7	02/14/2008
MW-62A	10/15/2019	1.6	218.6	2.2				
	04/09/2020	1.4	218.6	1.9	20.1	05/05/2011	20.9	05/05/2011
	04/09/2020 dup	1.4	218.6	2.1				
MW-62C	10/15/2019	ND (0.2)	218.6	ND (1.0)				
	04/09/2020	ND (0.2)	218.6	ND (1.0)	0.10	11/01/2011	ND (1.0)	04/09/2020
MW-63	07/10/2019	0.88	218.6	2.2				
	10/15/2019	1.1	218.6	2.0				
	01/08/2020	1.1	218.6	1.5	1.8	06/10/2008	2.9	08/10/2009
MW-66A	07/10/2019	3.7	218.6	4.1				
	10/25/2019	3.4	218.6	3.8				
	04/24/2020	3.3	218.6	4.1	4.1	07/19/2017	4.2	04/09/2019
MW-67B	07/10/2019	0.55	218.6	1.9				
	11/06/2019	0.4	218.6	2.5				
	01/10/2020	0.51	218.6	1.6				
	04/06/2020	0.56	218.6	ND (1.0)	0.84	08/05/2010	2.5	11/06/2019
MW-68C	10/16/2019	ND (0.2)	218.6	ND (1.0)				
	04/08/2020	ND (0.2)	218.6	ND (1.0)	0.37	02/15/2010	2.2	11/16/2009
MW-68D	07/09/2019	1.7	218.6	2.0				
	10/16/2019	1.9	218.6	1.8				
	01/06/2020	1.7	218.6	3.4				
	03/04/2020	1.7	218.6	3.3				
	04/08/2020	1.2	218.6	1.6	12.0	10/10/2014	12.0	04/11/2014

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Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-68S	07/09/2019	1.7	218.6	2.9				
	10/16/2019	1.9	218.6	2.4				
	01/06/2020	1.8	218.6	3.4				
	03/04/2020	1.5	218.6	3.2				
	04/08/2020	1.7	218.6	2.1	2.3	04/04/2019	6.0	01/08/2016
MW-69D	10/16/2019	1.3	218.6	2.8				
	12/03/2019	1.7	218.6	1.9				
	04/09/2020	1.5	218.6	1.8	1.8	05/13/2010	2.8	10/16/2019
MW-69S	10/16/2019	0.34	218.6	ND (1.0)				
	04/09/2020	0.3	218.6	ND (1.0)	2.2	10/14/2015	16.0	07/11/2016
	04/09/2020 dup	0.34	218.6	ND (1.0)				
MW-70D	07/08/2019	1.5	218.6	1.4				
	07/08/2019 dup	1.5	218.6	1.5				
	10/22/2019	1.5	218.6	1.7				
	01/06/2020	1.2	218.6	1.6				
	04/08/2020	0.77	218.6	ND (1.0)	4.6	01/25/2011	4.8	10/28/2010
MW-70S	07/08/2019	1.2	218.6	1.0				
	10/22/2019	1.2	218.6	1.3				
	10/22/2019 dup	1.2	218.6	1.4				
	01/06/2020	1.1	218.6	2.2				
	05/06/2020	0.72	218.6	1.6	2.4	08/03/2010	3.6	01/20/2015
MW-71D	07/08/2019	0.063	218.6LL	ND (1.0)				
	10/11/2019	0.12	218.6LL	ND (1.0)				
	01/07/2020	0.4	218.6	1.5				
	04/08/2020	0.068	218.6LL	ND (1.0)	3.7	01/25/2011	3.4	01/25/2011
MW-71S	07/08/2019	0.77	218.6	1.4				
	10/11/2019	0.7	218.6	1.4				
	01/07/2020	0.67	218.6	1.3				
	04/08/2020	0.72	218.6	2.5	4.8	01/24/2013	5.6	01/24/2013
MW-72S	07/09/2019	5.7	218.6	5.8				
	10/11/2019	4.5	218.6	5.5				
	10/11/2019 dup	4.4	218.6	5.3				
	05/06/2020	4.3	218.6	4.4	7.2	10/28/2010	6.7	06/01/2011
	05/06/2020 dup	4.4	218.6	4.3				
MW-73D	07/10/2019	1.1	218.6	1.2				
	11/07/2019	0.92	218.6	2.5				
	01/14/2020	1.0	218.6	1.5				
	04/16/2020	1.1	218.6	3.2				
	06/04/2020	1.0	218.6	1.7	1.1	04/16/2020	3.2	04/16/2020

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Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-74D	07/11/2019	3.3	218.6	3.2				
	11/07/2019	3.0	218.6	4.4				
	01/14/2020	3.5	218.6	3.9				
	04/16/2020	3.7	218.6	4.0	21.0	07/20/2015	19.0	07/20/2015
MW-74D2	07/11/2019	0.51	218.6	1.1				
	11/07/2019	0.43	218.6	1.5				
	01/14/2020	0.55	218.6	ND (1.0)				
	04/16/2020	0.34	218.6	ND (1.0)	0.63	04/11/2019	1.5	11/07/2019
MW-75D	07/10/2019	0.72	218.6	ND (1.0)				
	11/06/2019	0.28	218.6	ND (1.0)				
	01/14/2020	0.86	218.6	ND (1.0)				
	04/24/2020	0.9	218.6	ND (1.0)	1.9	08/05/2010	3.5 J	01/30/2012
MW-76S	10/25/2019	1.2	218.6	7.0				
	12/04/2019	1.7	218.6	1.7				
	04/09/2020	1.2	218.6	1.7	7.8	08/05/2010	7.0	10/25/2019
MW-78D	07/11/2019	1.6	218.6	1.8				
	01/15/2020	1.6	218.6	1.6	3.0	07/24/2017	2.9	07/24/2017
MW-78S	07/11/2019	0.83	218.6	ND (1.0)				
	11/07/2019	0.78	218.6	1.1				
	01/15/2020	1.1	218.6	1.1				
	04/16/2020	1.2	218.6	1.3	6.9	06/07/2018	6.7	05/01/2018
MW-79S	07/09/2019	7.0	218.6	7.4				
	10/11/2019	6.0	218.6	8.3				
	12/03/2019	7.7	218.6	7.6				
	04/07/2020	7.1	218.6	7.4	7.7	12/03/2019	8.3	10/11/2019
MW-80S	07/09/2019	0.82	218.6	ND (1.0)				
	10/11/2019	ND (0.2)	218.6	ND (1.0)				
	02/03/2020	1.4 J	218.6	1.3				
	02/03/2020 dup	1.1 J	218.6	1.0				
	04/09/2020	1.4	218.6	1.3	9.8	10/10/2017	9.2	10/10/2017
MW-83D	07/09/2019	1.6	218.6	2.8				
	07/09/2019 dup	1.6	218.6	3.0				
	10/11/2019	2.1	218.6	2.4				
	01/07/2020	2.0	218.6	3.0				
	04/23/2020	2.3	218.6	2.5	2.6	11/02/2011	3.3	10/09/2018
MW-83S	07/09/2019	4.8	218.6	5.0				
	10/11/2019	5.4	218.6	5.9				
	01/07/2020	4.4	218.6	5.3				
	03/05/2020	4.3	218.6	5.7				
	04/23/2020	3.5	218.6	4.7	5.4	10/11/2019	5.9	10/11/2019

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Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-84D	07/08/2019	0.11	218.6LL	ND (1.0)				
	10/16/2019	0.16	218.6LL	ND (1.0)				
	01/07/2020	0.19	218.6LL	ND (1.0)				
	04/13/2020	ND (0.06)	218.6LL	ND (1.0)	0.40	10/09/2014	ND (1.0)	04/13/2020
MW-84S	07/08/2019	2.0	218.6	1.9				
	10/16/2019	1.9	218.6	2.5				
	01/07/2020	1.9	218.6	2.0				
	04/13/2020	1.9	218.6	3.1	2.3	02/03/2012	3.8	04/24/2012
MW-85D	07/08/2019	ND (0.06)	218.6LL	ND (1.0)				
	10/16/2019	ND (0.06)	218.6LL	ND (1.0)				
	01/07/2020	ND (0.06)	218.6LL	1.2				
	04/13/2020	ND (0.06)	218.6LL	ND (1.0)	0.76	01/25/2011	1.2	01/07/2020
MW-85S	07/18/2019	1.4	218.6	1.3				
	10/16/2019	1.4	218.6	1.4				
	01/07/2020	1.5	218.6	1.8				
	04/13/2020	1.1	218.6	1.9	1.8	10/14/2015	2.4	04/07/2016
MW-86D	08/06/2019	1.8	218.6	1.8				
	10/22/2019	1.9	218.6	1.9				
	04/08/2020	1.9	218.6	3.1	1.9	04/08/2020	4.4	05/04/2011
MW-86S	08/06/2019	4.7	218.6	4.4				
	10/22/2019	4.5	218.6	5.0				
	04/08/2020	4.2	218.6	4.6	7.4	08/02/2010	7.5	08/02/2010
MW-87D	10/22/2019	1.7	218.6	2.0				
	04/09/2020	1.7	218.6	2.1	3.6	07/07/2015	4.0	07/31/2013
MW-87S	10/22/2019	2.2	218.6	3.2				
	04/09/2020	2.3	218.6	2.4	3.8	06/22/2010	4.3	04/12/2017
MW-88D	10/22/2019	1.7	218.6	3.2				
	12/03/2019	0.65	218.6	ND (1.0)				
	04/24/2020	1.1	218.6	1.6	1.7	10/22/2019	3.2	10/22/2019
MW-88S	10/22/2019	5.7	218.6	5.6				
	04/24/2020	4.3	218.6	3.9	6.1	04/05/2019	7.1	01/08/2016
MW-89D	07/11/2019	0.36	218.6	ND (1.0)				
	10/22/2019	0.66	218.6	ND (1.0)				
	01/07/2020	0.72	218.6	ND (1.0)				
	04/06/2020	0.52	218.6	ND (1.0)	0.99	01/27/2011	1.6	05/05/2011
MW-89S	07/11/2019	2.4	218.6	2.2				
	10/22/2019	2.1	218.6	2.6				
	01/07/2020	2.2	218.6	2.5				
	04/06/2020	1.9	218.6	3.1	4.7	07/10/2012	4.9	04/10/2012

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-90C	12/03/2019	ND (0.2)	218.6	ND (1.0)				
	05/06/2020	ND (0.2)	218.6	ND (1.0)	ND (0.2)	05/06/2020	1.4	04/29/2011
MW-91C	10/25/2019	ND (0.2)	218.6	ND (1.0)				
	04/13/2020	ND (0.2)	218.6	ND (1.0)	ND (0.2)	04/13/2020	ND (1.0)	04/13/2020
MW-92C	07/10/2019	18	218.6	18				
	10/18/2019	18	218.6	19				
	01/16/2020	25	218.6	24				
	03/04/2020	19	218.6	21				
	04/13/2020	15	218.6	19	41.8	08/09/2011	41.2	02/03/2012
MW-93C	10/25/2019	ND (0.2)	218.6	ND (1.0)				
	04/14/2020	ND (0.2)	218.6	ND (1.0)	0.37	07/20/2015	ND (1.0)	04/14/2020
MW-94D	10/11/2019	3.6	218.6	4.5	4.7	04/04/2018	6.1	04/04/2018
MW-94S	10/11/2019	6.4	218.6	6.9				
	03/03/2020	6.1	218.6	6.7				
	04/07/2020	6.1	218.6	6.0	7.3	01/13/2015	7.8	05/05/2011
MW-95S	10/21/2019	6.4	218.6	7.5				
	04/15/2020	7.0	218.6	8.0	8.8	04/13/2015	11.5	10/08/2012
MW-96S	10/11/2019	2.3	218.6	2.8				
	05/07/2020	2.5	218.6	2.5	3.1	04/15/2014	3.9	01/05/2016
MW-97S	10/11/2019	6.7	218.6	11				
	12/03/2019	4.0	218.6	5.8				
	04/07/2020	7.1	218.6	6.9	8.2	04/10/2019	22.7	05/05/2011
MW-98C	10/18/2019	ND (0.2)	218.6	ND (1.0)				
	04/14/2020	ND (0.2)	218.6	ND (1.0)	0.34	10/21/2015	ND (1.0)	04/14/2020
MW-99C	10/16/2019	ND (0.2)	218.6	ND (1.0)				
	04/10/2020	ND (0.2)	218.6	ND (1.0)	0.56	07/20/2015	1.2	06/07/2011
MW-100C	07/10/2019	18	218.6	18				
	10/15/2019	14	218.6	15				
	01/10/2020	17	218.6	18				
	04/23/2020	18	218.6	18	19.0	01/19/2015	21.0	07/25/2014
MW-101D	07/10/2019	5.7	218.6	8.6				
	09/03/2019	5.2	218.6	5.3				
	10/18/2019	5.8	218.6	6.0				
	01/10/2020	5.4	218.6	6.2				
	04/14/2020	5.3	218.6	5.3	16.4	06/16/2011	18.2	06/16/2011
MW-102D	10/21/2019	2.4	218.6	3.3				
	12/03/2019	2.6	218.6	2.9				
	04/15/2020	2.5	218.6	3.0	2.8	07/23/2014	3.3	10/21/2019

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-103D	05/07/2020	1.0	218.6	2.1				
	06/04/2020	1.2	218.6	2.2	1.8	07/14/2014	3.0	07/15/2013
MW-104D	10/22/2019	ND (0.2)	218.6	ND (1.0)	0.59	08/03/2011	3.6	10/05/2017
	10/22/2019 dup	ND (0.2)	218.6	ND (1.0)				
MW-104S1	07/09/2019	3.7	218.6	3.9				
	10/22/2019	3.3	218.6	3.4				
	04/07/2020	3.3	218.6	3.6	4.8	08/11/2011	4.5	10/25/2011
MW-104S2	10/22/2019	2.8	218.6	3.1	3.3	10/08/2014	3.9	08/03/2011
MW-105D	07/09/2019	ND (0.06)	218.6LL	ND (1.0)				
	10/10/2019	ND (0.06)	218.6LL	ND (1.0)				
	10/10/2019 dup	ND (0.06)	218.6LL	ND (1.0)				
	01/07/2020	ND (0.06)	218.6LL	ND (1.0)				
	04/06/2020	ND (0.06)	218.6LL	ND (1.0)	0.35	07/11/2016	ND (1.0)	04/06/2020
MW-105S	07/09/2019	3.0	218.6	3.2				
	09/03/2019	3.0	218.6	3.3				
	10/10/2019	2.8	218.6	3.7				
	10/10/2019 dup	2.8	218.6	3.5				
	01/07/2020	2.6	218.6	3.2				
	04/06/2020	3.1	218.6	4.2	3.1	04/06/2020	4.2	04/06/2020
	04/06/2020 dup	3.1	218.6	3.5				
MW-106D	10/14/2019	ND (0.2)	218.6	ND (1.0)	0.65	08/03/2011	1.2	01/04/2016
MW-106S	10/14/2019	3.0	218.6	3.1				
	10/14/2019 dup	3.0	218.6	3.4				
	04/06/2020	2.7	218.6	2.8	3.2	02/07/2018	3.7	10/05/2017
	04/06/2020 dup	2.7	218.6	2.8				
MW-107D	10/11/2019	ND (0.2)	218.6	ND (1.0)	1.9	01/19/2015	2.2	10/09/2017
MW-107S	10/11/2019	0.58	218.6	1.1				
	04/07/2020	2.4	218.6	2.8	2.6	04/19/2017	8.0	10/01/2018
MW-108D	07/10/2019	6.7	218.6	6.3				
	10/18/2019	3.4	218.6	4.4				
	10/18/2019 dup	3.3	218.6	4.4				
	12/03/2019	3.5	218.6	3.7				
	01/16/2020	3.2	218.6	3.5				
	04/13/2020	2.6	218.6	2.9	46.3	07/11/2013	49.2	07/11/2013

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-109	07/10/2019	5.1	218.6	5.0				
	10/24/2019	2.6	218.6	27				
	12/03/2019	4.5	218.6	4.7				
	01/13/2020	4.4	218.6	5.8				
	03/04/2020	4.1	218.6	3.7				
	04/13/2020	5.0	218.6	4.7	26.0	01/15/2015	27.0	10/24/2019
MW-110S	10/21/2019	1.9	218.6	3.4				
	12/04/2019	5.0	218.6	5.4				
	05/06/2020	2.2	218.6	2.3	7.6	07/11/2011	8.2	07/11/2011
MW-111D	10/10/2019	ND (0.2)	218.6	ND (1.0)	0.67	09/13/2011	4.7	07/05/2011
	10/10/2019 dup	ND (0.2)	218.6	ND (1.0)				
MW-111S1	10/10/2019	2.3	218.6	2.4	3.6	09/14/2011	4.4	11/15/2011
MW-111S2	10/10/2019	2.4	218.6	2.3				
	10/10/2019 dup	2.4	218.6	2.2				
	04/15/2020	2.1	218.6	2.7	3.7	08/12/2011	3.5	09/14/2011
	04/15/2020 dup	2.1	218.6	2.8				
MW-112S	10/11/2019	3.0	218.6	4.2				
	12/03/2019	3.3	218.6	3.4				
	04/07/2020	3.0	218.6	3.4	3.4	10/25/2011	4.2	10/11/2019
MW-113D	10/09/2019	ND (0.2)	218.6	ND (1.0)	0.94	10/25/2011	ND (1.0)	10/09/2019
MW-113S1	10/09/2019	2.9	218.6	3.4				
	12/03/2019	3.1	218.6	2.8				
	04/07/2020	2.9	218.6	3.0	3.2	01/12/2015	4.6	02/01/2012
MW-113S2	10/09/2019	2.6	218.6	2.8	4.0	09/15/2011	4.2	10/25/2011
MW-116D1	10/21/2019	1.8	218.6	2.0				
	04/13/2020	1.6	218.6	2.3	1.8	10/21/2019	3.4	01/12/2016
MW-117D	10/10/2019	ND (0.2)	218.6	ND (1.0)	1.3	10/26/2011	7.2	07/09/2015
MW-117S1	10/10/2019	2.8	218.6	3.9				
	12/04/2019	3.6	218.6	3.8				
	02/03/2020	1.9	218.6	2.4				
	04/07/2020	1.5	218.6	1.6	3.6	12/04/2019	5.0	04/06/2016
MW-117S2	10/10/2019	1.4	218.6	1.1				
	04/07/2020	1.4	218.6	2.0	57.5	08/01/2011	52.2	08/01/2011
MW-118S	07/10/2019	2.7	218.6	3.3				
	09/03/2019	2.0	218.6	2.5				
	10/23/2019	2.1	218.6	2.5				
	02/03/2020	2.3	218.6	2.4				
	04/10/2020	2.7	218.6	2.9	2.8	10/11/2017	3.8	01/05/2017

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Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-121D	07/10/2019	3.9	218.6	4.1				
	10/17/2019	3.7	218.6	4.5				
	04/10/2020	3.8	218.6	4.0	4.0	06/05/2019	5.2	04/09/2019
MW-121S	10/17/2019	2.6	218.6	2.7				
	10/17/2019 dup	2.7	218.6	2.8				
	04/10/2020	2.9	218.6	2.8	11.1	08/17/2011	11.7	08/17/2011
MW-122D	10/10/2019	ND (0.2)	218.6	ND (1.0)				
	04/14/2020	ND (0.2)	218.6	1.6	0.24	10/27/2011	1.6	04/14/2020
MW-123S1	10/10/2019	1.6	218.6	1.8	2.3	11/17/2011	4.2	10/04/2017
	10/10/2019 dup	1.6	218.6	1.8				
MW-123S2	10/10/2019	1.9	218.6	1.8				
	04/06/2020	2.0	218.6	2.8 J				
	04/06/2020 dup	2.0	218.6	6.5 J				
	06/05/2020	1.9	218.6	2.5	2.0	04/06/2020	6.5	04/06/2020
MW-124D	10/10/2019	0.98	218.6	ND (1.0)	2.4	01/14/2015	2.2	01/14/2015
	10/10/2019 dup	0.98	218.6	ND (1.0)				
MW-124S1	10/10/2019	2.7	218.6	2.8				
	10/10/2019 dup	2.6	218.6	2.9				
	04/06/2020	2.6	218.6	3.1	2.8	10/03/2018	3.5	04/01/2019
MW-124S2	10/10/2019	1.8	218.6	1.8				
	04/06/2020	2.0	218.6	2.2 J	2.8	11/17/2011	3.2	10/27/2011
	04/06/2020 dup	2.0	218.6	2.1				
MW-125S1	10/10/2019	2.1	218.6	2.6				
	10/10/2019 dup	2.0	218.6	2.6				
	04/06/2020	2.2	218.6	2.8	2.4	01/14/2015	2.8	04/06/2020
	04/06/2020 dup	2.1	218.6	2.6				
MW-125S2	10/10/2019	1.5	218.6	1.8	1.6	10/10/2019	2.4	10/06/2017
	10/10/2019 dup	1.6	218.6	1.9				
MW-126S1	10/11/2019	2.3	218.6	3.3				
	12/04/2019	2.9	218.6	3.1				
	04/07/2020	2.8	218.6	3.1	4.8	08/01/2011	4.6	08/01/2011
MW-126S2	10/10/2019	1.4	218.6	1.8				
	10/10/2019 dup	1.4	218.6	1.8				
	04/07/2020	1.5	218.6	1.9	2.6	10/01/2018	4.4	11/29/2018
	04/07/2020 dup	1.5	218.6	2.0				

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Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-127S1	07/08/2019	3.3	218.6	3.5				
	09/03/2019	3.2	218.6	3.7				
	10/09/2019	2.9	218.6	6.1				
	12/04/2019	3.7	218.6	3.6				
	01/06/2020	3.4	218.6	4.2				
	03/03/2020	3.3	218.6	3.6				
	04/07/2020	3.5	218.6	4.0				
	06/05/2020	3.4	218.6	4.0	9.2	08/01/2011	10.0	08/01/2011
MW-127S2	07/08/2019	1.7	218.6	1.6				
	10/09/2019	1.4	218.6	1.8				
	01/06/2020	1.6	218.6	4.3				
	03/03/2020	1.4	218.6	1.8				
	04/06/2020	1.7	218.6	1.8	1.7	04/06/2020	4.3	01/06/2020
MW-128S1	10/11/2019	9.0	218.6	11				
	12/05/2019	12	218.6	12				
	01/07/2020	12	218.6	12				
	03/05/2020	8.7	218.6	8.7				
	03/05/2020	8.2	218.6	8.4				
	04/06/2020	7.5	218.6	7.9	20.1	07/27/2011	17.8	07/27/2011
MW-128S2	10/11/2019	2.7	218.6	3.5				
	03/04/2020	2.9	218.6	4.0				
	04/06/2020	3.1	218.6	3.8	4.2	08/11/2011	4.1	09/15/2011
MW-128S3	10/11/2019	1.6	218.6	2.2				
	03/03/2020	1.5	218.6	2.0				
	04/06/2020	1.6	218.6	2.1	2.1	10/27/2011	2.3	04/07/2016
MW-130S1	10/08/2019	3.6	218.6	5.0				
	12/04/2019	4.0	218.6	3.9				
	04/08/2020	3.2	218.6	5.1				
	06/03/2020	3.6	218.6	4.0	6.2	03/15/2012	6.1	03/15/2012
MW-130S2	10/08/2019	3.3	218.6	5.4				
	12/04/2019	3.9	218.6	3.6	3.9	12/04/2019	5.4	10/08/2019
MW-131S1	10/08/2019	2.2	218.6	8.1				
	12/04/2019	2.6	218.6	2.6				
	04/08/2020	2.3	218.6	5.5				
	06/04/2020	2.5	218.6	3.2	2.9	04/10/2013	8.1	10/08/2019
MW-133S1	07/23/2019	8.7	218.6	8.5				
	10/25/2019	7.8	218.6	8.1				
	04/20/2020	7.6	218.6	7.2	9.8	07/11/2014	9.9	07/11/2014

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Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-135S1	10/23/2019	3.5	218.6	5.3				
	12/05/2019	4.3	218.6	3.9				
	06/04/2020	3.5	218.6	3.7	4.3	12/05/2019	6.5	07/19/2012
MW-135S2	10/23/2019	2.7	218.6	3.1	3.2	07/08/2015	7.7	06/04/2014
MW-136S1	10/08/2019	3.6	218.6	4.0				
	04/08/2020	3.6	218.6	5.6				
	06/04/2020	4.0	218.6	4.2	4.0	06/04/2020	5.6	04/08/2020
MW-136S2	10/08/2019	ND (0.2)	218.6	ND (1.0)	0.08	10/13/2015	ND (1.0)	10/08/2019
MW-137S1	10/09/2019	4.3	218.6	5.4	6.1	11/21/2011	8.2	12/09/2011
MW-137S2	10/09/2019	4.3	218.6	5.1	4.8	04/03/2019	6.0	10/18/2017
MW-137S3	10/09/2019	8.9	218.6	11				
	12/04/2019	11	218.6	11				
	04/09/2020	13	218.6	13	13.0	04/09/2020	13.0	04/09/2020
MW-138S1	10/09/2019	4.5	218.6	4.6				
	04/09/2020	4.5	218.6	5.0	6.4	03/15/2012	7.3	02/23/2012
MW-138S2	10/09/2019	4.5	218.6	4.6	6.7	04/17/2014	6.8	10/05/2017
MW-139S1	10/09/2019	3.5	218.6	3.8				
	04/09/2020	3.3	218.6	3.5	12.6	04/26/2012	13.2	04/26/2012
MW-139S2	10/09/2019	1.2	218.6	1.1	2.2	10/07/2014	2.5	10/07/2014
MW-140S1	10/09/2019	4.6	218.6	5.2				
	10/09/2019 dup	4.3	218.6	6.0				
	12/04/2019	4.9	218.6	4.5				
	04/09/2020	4.8	218.6	4.8	4.9	12/04/2019	6.2	04/08/2016
MW-140S2	10/09/2019	3.6	218.6	4.5	4.2	01/14/2015	4.5	10/09/2019
MW-140S3	10/09/2019	3.2	218.6	3.4	3.6	07/08/2015	3.8	10/04/2017
MW-141D	10/09/2019	ND (0.2)	218.6	ND (1.0)	1.3	10/12/2015	ND (1.0)	10/09/2019
MW-141S1	10/09/2019	3.5	218.6	4.2	3.8	04/18/2014	7.2	10/04/2017
MW-141S2	10/09/2019	3.9	218.6	3.9				
	04/24/2020	4.1	218.6	4.4	4.2	01/05/2016	5.0	04/08/2016
MW-142S1	10/09/2019	2.7	218.6	3.4	9.0	04/24/2012	9.8	04/24/2012
	10/09/2019 dup	2.6	218.6	3.1				
MW-142S2	10/09/2019	2.6	218.6	3.1	3.3	04/04/2018	3.5	04/05/2016
MW-142S3	10/09/2019	2.8	218.6	3.0				
	04/07/2020	2.6	218.6	2.6	3.5	07/30/2012	4.0	07/30/2012

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-147D	10/17/2019	1.8	218.6	2.5				
	04/14/2020	ND (0.2)	218.6	23				
	06/04/2020	1.7	218.6	2.0	2.1	10/19/2015	23.0	04/14/2020
MW-147S	10/17/2019	2.1	218.6	2.4				
	04/14/2020	2.4	218.6	4.0				
	06/05/2020	ND (2.1)	218.6	2.4	4.1	04/04/2013	4.8	04/04/2013
MW-148S	10/17/2019	1.7	218.6	1.7				
	10/17/2019 dup	1.7	218.6	1.9				
	05/08/2020	1.9	218.6	2.1	2.3	10/09/2013	3.3	04/11/2018
MW-153S	10/17/2019	3.0	218.6	3.7				
	12/05/2019	2.7	218.6	2.5				
	04/09/2020	2.9	218.6	4.1				
	06/05/2020	3.6	218.6	3.9	7.6	10/17/2013	7.7	10/17/2013
MW-154S1	07/23/2019	7.2	218.6	6.8				
	10/25/2019	7.1	218.6	7.4				
	04/20/2020	6.2	218.6	5.8	22.0	11/09/2012	21.0	11/09/2012
MW-154S2	10/08/2019	2.0	218.6	2.1	2.4	01/26/2012	3.0	01/14/2014
MW-155D	07/11/2019	ND (0.2)	218.6	ND (1.0)				
	11/08/2019	ND (0.2)	218.6	1.3				
	01/16/2020	ND (0.2)	218.6	ND (1.0)				
	04/15/2020	ND (0.2)	218.6	1.1	ND (0.2)	04/15/2020	3.1	04/18/2018
MW-155S	07/11/2019	1.1	218.6	1.8				
	11/08/2019	1.3	218.6	2.2				
	01/16/2020	1.1	218.6	2.5				
	04/15/2020	1.2	218.6	1.6	1.3	11/08/2019	3.7	01/18/2018
MW-156S	10/07/2019	0.81	218.6	1.6				
	04/06/2020	1.1	218.6	2.2	1.8	06/05/2012	2.2	04/06/2020
MW-157S	10/07/2019	1.5	218.6	2.5				
	04/06/2020	1.7	218.6	2.3	2.5	06/05/2012	3.4	04/26/2012
MW-158CR	10/21/2019	ND (0.2)	218.6	ND (1.0)	0.08	07/16/2015	ND (1.0)	10/21/2019
MW-161S1	10/08/2019	3.3	218.6	4.0				
	04/14/2020	3.4	218.6	3.5	3.5	10/16/2015	4.0	10/08/2019
MW-161S2	10/08/2019	3.1	218.6	3.4	3.4	10/18/2018	4.6	04/02/2019
MW-161S3	10/08/2019	0.55	218.6	ND (1.0)	1.7	10/22/2012	2.1	07/17/2014
MW-162S1	10/08/2019	3.8	218.6	3.9				
	04/14/2020	3.7	218.6	4.8				
	06/03/2020	3.1	218.6	4.3	5.2	10/22/2012	11.0	04/03/2018
MW-162S2	10/08/2019	ND (0.2)	218.6	ND (1.0)	2.0	10/22/2012	2.6	04/04/2016

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-162S3	10/09/2019	ND (0.2)	218.6	ND (1.0)	0.77	04/04/2013	2.0	10/10/2013
MW-164D	10/17/2019	ND (0.2)	218.6	ND (1.0)				
	04/09/2020	ND (0.2)	218.6	ND (1.0)	2.1	12/05/2012	3.0	12/05/2012
MW-164S	10/17/2019	1.6	218.6	2.1				
	04/09/2020	1.5	218.6	1.7	2.5	07/15/2015	8.0	07/20/2016
MW-166S1	10/08/2019	0.46	218.6	1.0				
	04/24/2020	0.35	218.6	1.0	0.46	10/08/2019	12.0	01/05/2016
MW-166S2	10/08/2019	ND (0.2)	218.6	ND (1.0)	0.21	07/11/2013	20.0	10/02/2017
MW-168D	10/17/2019	0.75	218.6	4.2				
	12/04/2019	0.84	218.6	1.2	1.2	12/05/2012	4.2	10/17/2019
MW-168S	10/17/2019	1.5	218.6	2.0				
	04/14/2020	1.3	218.6	1.6	1.6	04/09/2019	2.0	10/17/2019
MW-169D	10/17/2019	ND (0.2)	218.6	ND (1.0)	0.28	07/11/2013	ND (1.0)	10/17/2019
	10/17/2019 dup	ND (0.2)	218.6	ND (1.0)				
MW-169S2	10/17/2019	1.5	218.6	2.6				
	12/05/2019	1.4	218.6	3.6				
	04/14/2020	1.5	218.6	2.0	3.6	02/21/2013	5.2	04/09/2019
MW-170S	07/10/2019	1.7	218.6	2.0				
	10/15/2019	1.3	218.6	3.2				
	12/06/2019	1.2	218.6	3.2				
	01/06/2020	1.3	218.6	4.1				
	04/16/2020	1.6	218.6	2.2	2.3	12/06/2012	4.1	01/06/2020
	04/16/2020 dup	1.6	218.6	2.2				
MW-171D1	10/10/2019	ND (0.2)	218.6	2.6				
	12/05/2019	ND (0.2)	218.6	5.0	0.52	03/19/2013	5.0	12/05/2019
MW-171D2	10/10/2019	ND (0.2)	218.6	ND (1.0)	0.09	10/16/2015	2.0	07/16/2013
MW-171S	10/10/2019	1.7	218.6	4.2				
	12/05/2019	2.1	218.6	2.4				
	04/07/2020	2.2	218.6	2.7	2.6	01/15/2015	4.2	10/10/2019
MW-172S1	10/09/2019	1.9	218.6	2.3				
	04/07/2020	2.1	218.6	2.3	3.1	04/05/2017	4.1	03/02/2016
MW-172S2	10/09/2019	0.27	218.6	ND (1.0)				
	04/07/2020	ND (0.2)	218.6	1.2	0.83	10/08/2014	2.1	10/13/2017
MW-173D	10/10/2019	0.83	218.6	ND (1.0)	1.0	03/11/2013	1.4	01/20/2014
MW-173S1	07/11/2019	3.6	218.6	4.1				
	10/10/2019	3.6	218.6	3.6				
	04/07/2020	3.5	218.6	3.6	4.9	04/08/2013	5.5	01/24/2018

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-173S2	10/10/2019	3.0	218.6	3.0	3.2	10/03/2013	3.3	10/11/2016
MW-174S1	07/09/2019	3.5	218.6	3.6				
	10/08/2019	3.3	218.6	3.4				
	04/08/2020	4.5	218.6	5.5	4.5	04/08/2020	5.5	04/08/2020
MW-174S2	10/08/2019	2.2	218.6	2.3	2.4	06/06/2019	3.7	04/02/2019
MW-174S3	10/08/2019	2.4	218.6	2.7	2.7	06/01/2016	4.1	04/06/2016
MW-175D	10/23/2019	2.5	218.6	2.9	3.2	10/08/2015	4.4	04/07/2017
MW-175S1	10/23/2019	3.0	218.6	3.3				
	04/15/2020	3.2	218.6	3.8	3.8	04/17/2014	4.2	04/17/2014
MW-175S2	10/23/2019	3.0	218.6	3.3	3.3	01/14/2015	3.8	04/06/2016
MW-177D	07/12/2019	1.8	218.6	1.8				
	11/06/2019	1.4	218.6	2.0				
	01/21/2020	1.9	218.6	2.0				
	04/15/2020	1.6	218.6	1.9	1.9	01/21/2020	2.7	01/09/2017
MW-177S	07/12/2019	0.89	218.6	1.1				
	11/06/2019	0.8	218.6	2.3				
	01/21/2020	0.83	218.6	1.1				
	04/15/2020	0.52	218.6	3.7				
	06/04/2020	1.8	218.6	2.2	1.8	06/04/2020	3.8	01/17/2018
MW-178D	07/15/2019	120	218.6	120				
	11/06/2019	45	218.6	62				
	01/17/2020	46	218.6	52				
	01/17/2020 dup	41	218.6	51				
	05/06/2020	79	218.6	79	290	07/15/2014	300	10/14/2016
	05/06/2020 dup	87	218.6	85				
MW-178S	07/15/2019	100	218.6	99				
	10/22/2019	84	218.6	85				
	01/17/2020	110	218.6	130 J				
	05/06/2020	130	218.6	120	270	10/21/2013	220	01/06/2015
	05/06/2020 dup	120	218.6	120				
MW-179D	07/15/2019	27	218.6	25				
	11/06/2019	24	218.6	24				
	01/15/2020	22	218.6	22				
	04/21/2020	23	218.6	23	32.0	04/12/2019	34.0	04/12/2019
MW-179S	11/06/2019	6.3	218.6	6.7	7.7	04/12/2019	8.4	04/12/2019

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Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-180RD	07/12/2019	22	218.6	26				
	07/12/2019 dup	20	218.6	25				
	11/06/2019	6.7	218.6	7.9				
	01/20/2020	11	218.6	13				
	03/05/2020	11	218.6	12				
	04/17/2020	4.7	218.6	6.9	290	01/07/2014	210	07/21/2016
MW-180RS	07/12/2019	65	218.6	66				
	11/06/2019	1.7	218.6	2.5				
	01/20/2020	80	218.6	79				
	04/17/2020	59	218.6	61	170	01/11/2017	170	01/11/2017
MW-181D	07/12/2019	1.1	218.6	ND (1.0)				
	01/20/2020	1.1	218.6	1.3	1.3	10/08/2013	1.3	01/20/2020
MW-181S	07/12/2019	0.82	218.6	ND (1.0)				
	01/20/2020	0.85	218.6	ND (1.0)	0.93	08/02/2013	1.5	07/12/2018
MW-182D	08/06/2019	3.0	218.6	4.3				
	09/03/2019	3.2	218.6	3.5				
	11/06/2019	2.4	218.6	3.6				
	02/03/2020	2.4	218.6	2.5				
	05/05/2020	2.4	218.6	3.2	42.0	04/09/2014	9.2	07/21/2016
MW-182S	08/06/2019	2.2	218.6	2.8				
	11/06/2019	4.0	218.6	4.7				
	02/03/2020	3.7	218.6	4.8				
	05/05/2020	3.8	218.6	4.4	41.0	07/02/2013	7.8	01/10/2017
MW-183D	08/06/2019	5.6	218.6	5.5				
	11/06/2019	4.6	218.6	4.8				
	02/03/2020	9.0	218.6	9.4				
	05/05/2020	1.8	218.6	2.0	37.0	04/12/2017	40.0	01/10/2017
MW-183S	08/06/2019	3.2	218.6	3.4				
	11/06/2019	2.6	218.6	2.9				
	11/06/2019 dup	2.6	218.6	2.9				
	02/03/2020	4.8	218.6	5.6				
	05/05/2020	5.5	218.6	6.6	42.0	01/10/2017	44.0	01/10/2017
MW-184S1	10/14/2019	1.9	218.6	2.4				
	10/14/2019 dup	1.9	218.6	2.2				
	05/07/2020	2.4	218.6	2.3	5.2	01/14/2014	6.4	01/14/2014
MW-184S2	10/14/2019	3.7	218.6	4.5				
	02/04/2020	4.0	218.6	5.4				
	03/04/2020	3.9	218.6	4.7				
	05/07/2020	3.9	218.6	4.5	4.2	04/02/2019	5.4	02/04/2020
MW-184S3	10/14/2019	4.5	218.6	5.6	4.9	07/11/2017	6.7	10/11/2018

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Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-185S1	10/07/2019	4.4	218.6	4.5				
	04/14/2020	4.5	218.6	4.7	8.4	07/17/2014	9.2	07/17/2014
MW-185S2	10/07/2019	3.7	218.6	4.5	4.3	07/24/2013	5.5	10/06/2015
MW-185S3	10/07/2019	3.8	218.6	4.2	4.4	07/17/2014	4.9	07/17/2014
MW-186S1	10/07/2019	4.6	218.6	5.7				
	06/03/2020	4.5	218.6	5.2	5.5	04/10/2014	9.0	04/10/2014
MW-186S2	10/07/2019	2.6	218.6	3.8				
	12/02/2019	3.7	218.6	14				
	02/03/2020	3.3	218.6	7.9				
	03/04/2020	3.4	218.6	5.5				
	04/14/2020	3.4	218.6	4.6	3.7	12/02/2019	14.0	12/02/2019
MW-186S3	10/07/2019	3.9	218.6	6.0				
	12/02/2019	4.3	218.6	4.6	4.3	12/02/2019	7.2	04/04/2016
MW-188S1	10/08/2019	6.4	218.6	7.0				
	04/14/2020	6.7	218.6	6.8	7.3	10/06/2014	11.0	04/02/2015
MW-188S2	10/08/2019	1.7	218.6	2.1	3.3	10/18/2018	5.2	04/03/2015
MW-188S3	10/08/2019	4.2	218.6	4.9	4.7	01/12/2015	8.3	04/04/2016
MW-193S1	10/08/2019	3.9	218.6	5.3				
	12/02/2019	4.6	218.6	4.7	4.7	01/12/2015	5.7	07/06/2016
MW-193S2	10/08/2019	3.6	218.6	4.2	42.4	01/22/2014	42.0	01/22/2014
MW-193S3	10/08/2019	6.7	218.6	7.5				
	04/14/2020	0.49	218.6	1.3	275	01/24/2014	270	01/24/2014
MW-194S1	10/14/2019	3.5	218.6	6.2				
	12/02/2019	2.8	218.6	2.9				
	04/24/2020	3.2	218.6	4.3				
	06/03/2020	3.2	218.6	5.1	21.0	09/30/2013	20.7	09/30/2013
MW-194S2	10/14/2019	ND (0.2)	218.6	ND (1.0)	4.9	04/09/2014	6.9	04/09/2014
MW-194S3	10/14/2019	ND (0.2)	218.6	ND (1.0)	2.8	10/15/2013	2.7	10/15/2013
MW-195S1	10/08/2019	4.8	218.6	4.8				
	04/14/2020	4.0	218.6	7.2				
	06/03/2020	4.9	218.6	4.8	6.5	10/15/2013	7.3	10/15/2013
MW-195S2	10/08/2019	3.7	218.6	4.7	4.6	01/12/2015	7.3	01/22/2014
MW-195S3	10/08/2019	1.0	218.6	3.3				
	12/02/2019	0.58	218.6	1.2	3.4	03/06/2014	6.4	01/22/2014
MW-196S1	10/07/2019	3.6	218.6	3.8				
	04/14/2020	4.2	218.6	4.1	14.0	03/09/2015	14.0	02/17/2015

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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-196S2	10/07/2019	3.5	218.6	3.9	35.0	12/09/2014	32.0	12/09/2014
MW-196S3	10/07/2019	ND (0.2)	218.6	ND (1.0)	54.0	10/07/2014	49.0	10/07/2014
MW-197S1	10/09/2019	1.4	218.6	2.5				
	04/14/2020	2.3	218.6	2.4	2.3	04/14/2020	9.1	10/03/2017
MW-197S2	10/09/2019	ND (0.2)	218.6	ND (1.0)	0.14	10/13/2015	ND (1.0)	10/09/2019
MW-197S3	10/09/2019	ND (0.2)	218.6	3.9	1.7	10/11/2013	3.9	10/09/2019
MW-200S1	10/23/2019	0.88	218.6	1.5	4.2	01/20/2014	5.3	04/20/2016
MW-200S2	10/23/2019	ND (0.2)	218.6	2.8				
	12/05/2019	ND (0.2)	218.6	ND (1.0)	0.21	04/17/2014	2.8	10/23/2019
MW-200S3	10/23/2019	0.77	218.6	1.0				
	04/15/2020	1.1	218.6	1.3	1.1	04/15/2020	1.3	04/15/2020
MW-201D	10/24/2019	0.5	218.6	ND (1.0)	0.67	10/15/2018	1.3	01/21/2015
MW-201S	10/17/2019	1.1	218.6	2.3				
	12/05/2019	0.95	218.6	1.8				
	04/09/2020	0.96	218.6	2.4				
	06/04/2020	1.0	218.6	1.3	2.9	07/10/2014	2.8	07/10/2014
MW-202S	10/17/2019	1.6	218.6	2.5				
	04/14/2020	1.3	218.6	3.1				
	06/04/2020	1.4	218.6	2.9	2.0	01/21/2015	3.1	04/14/2020
MW-203D	10/17/2019	0.63	218.6	1.9				
	12/05/2019	2.4	218.6	3.1				
	04/15/2020	ND (0.2)	218.6	2.4				
	06/03/2020	0.88	218.6	3.7	10.2	10/15/2013	9.3	10/15/2013
MW-204D	10/23/2019	0.44	218.6	ND (1.0)	0.69	10/16/2015	ND (1.0)	10/23/2019
MW-204S1	10/23/2019	3.1	218.6	3.4	3.4	04/20/2016	3.7	11/27/2018
MW-204S2	10/23/2019	3.7	218.6	3.9				
	06/04/2020	3.6	218.6	3.6	4.2	04/20/2016	4.9	04/20/2016
MW-205S1	10/07/2019	3.8	218.6	3.9	4.0	10/02/2017	4.6	10/05/2016
MW-205S2	10/07/2019	3.9	218.6	3.9				
	05/07/2020	4.0	218.6	4.0	4.2	06/01/2016	5.6	03/02/2016
MW-205S3	10/07/2019	3.5	218.6	3.7	4.4	07/06/2015	4.9	10/05/2016

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Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-206S	07/15/2019	3.1	218.6	3.0				
	10/16/2019	2.7	218.6	3.5				
	12/05/2019	3.1	218.6	4.5				
	01/07/2020	3.1	218.6	4.7				
	03/05/2020	3.2	218.6	5.4				
	04/16/2020	3.5	218.6	5.7				
	06/05/2020	3.5	218.6	4.6	3.6	10/09/2017	7.8	11/28/2017
MW-207S1	10/09/2019	5.4	218.6	6.1	12.0	04/03/2015	12.0	04/03/2015
	10/09/2019 dup	5.5	218.6	6.2				
MW-207S2	07/10/2019	4.1	218.6	3.9				
	10/09/2019	3.7	218.6	4.8				
	12/05/2019	3.9	218.6	4.4				
	01/15/2020	4.0	218.6	3.7				
	04/14/2020	4.0	218.6	4.0	4.1	07/10/2019	4.8	10/09/2019
MW-208S	10/21/2019	710	218.6	780				
	01/07/2020	630	218.6	670				
	04/20/2020	570	218.6	580	3300	07/20/2015	3400	07/20/2015
MW-209S	07/12/2019	46	218.6	46				
	07/12/2019 dup	45	218.6	45				
	10/21/2019	43	218.6	48				
	01/07/2020	45	218.6	43				
	04/17/2020	30	218.6	29	98.0	12/18/2014	86.0	07/20/2015
	04/17/2020 dup	30	218.6	30				
MW-210S	07/12/2019	76	218.6	83				
	10/21/2019	29	218.6	31				
	01/07/2020	40	218.6	38				
	04/17/2020	28	218.6	27	140	10/17/2018	140	10/17/2018
MW-211S	07/12/2019	4.6	218.6	4.4				
	10/21/2019	3.0	218.6	3.2				
	01/07/2020	5.0	218.6	4.9				
	01/07/2020 dup	4.9	218.6	4.7				
	03/06/2020	4.6	218.6	4.8				
	04/17/2020	3.7	218.6	4.1	16.0	04/17/2018	15.0	04/17/2018
MW-212S1	10/08/2019	3.2	218.6	3.3				
	04/14/2020	3.3	218.6	3.5	3.8	03/03/2015	5.5	01/05/2016
MW-212S2	10/09/2019	2.1	218.6	5.3				
	12/05/2019	2.6	218.6	2.8	3.2	07/07/2016	11.0	04/06/2016
MW-213D	10/15/2019	ND (0.2)	218.6	ND (1.0)				
	04/16/2020	ND (0.2)	218.6	ND (1.0)	0.79	11/01/2016	1.2	01/12/2017

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-213S	07/10/2019	3.4	218.6	3.9				
	10/15/2019	3.3	218.6	4.1				
	04/16/2020	3.1	218.6	4.0	5.4	07/25/2017	5.8	10/17/2017
MW-214D	10/15/2019	ND (0.2)	218.6	ND (1.0)				
	04/10/2020	ND (0.2)	218.6	ND (1.0)	ND (0.2)	04/10/2020	ND (1.0)	04/10/2020
MW-214S	10/15/2019	2.9	218.6	4.2				
	12/05/2019	2.6	218.6	2.7				
	04/10/2020	3.7	218.6	3.5				
	06/05/2020	ND (3.4)	218.6	3.8	3.7	04/10/2020	4.2	10/15/2019
MW-215D	10/15/2019	0.95	218.6	2.2				
	12/05/2019	2.0	218.6	1.8				
	04/10/2020	2.2	218.6	2.1	2.2	04/10/2020	2.7	10/17/2017
MW-215S	10/15/2019	ND (0.2)	218.6	ND (1.0)				
	04/10/2020	0.52	218.6	ND (1.0)	1.5	11/01/2016	1.9	11/01/2016
MW-216D	10/15/2019	2.3	218.6	2.8				
	04/10/2020	2.5	218.6	2.7	2.6	04/05/2019	3.2	10/17/2017
MW-216S	10/15/2019	1.8	218.6	2.2				
	04/10/2020	1.9	218.6	2.3	2.2	12/06/2016	3.4	04/18/2018
MW-217D	07/22/2019	ND (0.2)	218.6	ND (1.0)				
	07/22/2019 dup	ND (0.2)	218.6	ND (1.0)				
	10/24/2019	ND (0.2)	218.6	ND (1.0)				
	01/15/2020	ND (0.2)	218.6	ND (1.0)				
	04/16/2020	ND (0.2)	218.6	ND (1.0)	ND (0.2)	04/16/2020	1.7	07/25/2017
MW-217S	07/22/2019	0.38	218.6	ND (1.0)				
	10/24/2019	0.97	218.6	2.4				
	12/05/2019	1.1	218.6	1.3				
	01/15/2020	0.6	218.6	ND (1.0)				
	01/15/2020 dup	0.41	218.6	ND (1.0)				
	04/16/2020	0.52	218.6	ND (1.0)	9.1	11/01/2017	8.7	11/01/2017
MW-218D	07/16/2019	0.45	218.6	ND (1.0)				
	10/24/2019	0.43	218.6	ND (1.0)				
	01/14/2020	0.44	218.6	ND (1.0)				
	04/16/2020	0.43	218.6	ND (1.0)	0.45	07/16/2019	ND (1.0)	04/16/2020
MW-218S	07/16/2019	1.2	218.6	1.2				
	10/24/2019	0.91	218.6	1.7				
	01/14/2020	0.86	218.6	1.3				
	04/16/2020	0.88	218.6	1.4	1.4	10/18/2018	2.6	12/06/2016

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
MW-219S1	07/09/2019	4.0	218.6	3.8				
	10/09/2019	3.7	218.6	3.5				
	01/15/2020	4.0	218.6	3.8				
	04/24/2020	3.4	218.6	3.7				
	05/07/2020	3.7	218.6	3.8	4.2	12/08/2016	4.6	12/08/2016
MW-219S2	10/09/2019	0.51	218.6	ND (1.0)	1.4	12/08/2016	1.5	12/08/2016
MW-220D	10/07/2019	0.35	218.6	ND (1.0)				
	01/14/2020	0.33	218.6	ND (1.0)				
	01/14/2020 dup	0.33	218.6	ND (1.0)				
	04/06/2020	0.2	218.6	ND (1.0)	0.36	08/08/2017	27.0	04/01/2019
	04/06/2020 dup	ND (0.2)	218.6	ND (1.0)				
MW-220S	01/14/2020	0.38	218.6	ND (1.0)				
	06/02/2020	ND (0.2)	218.6	ND (1.0)	0.38	01/14/2020	ND (1.0)	06/02/2020
MW-221S	07/16/2019	5.5	218.6	5.2				
	10/11/2019	5.3	218.6	6.2				
	01/15/2020	5.4	218.6	5.3				
	04/24/2020	5.5	218.6	5.8	5.5	04/24/2020	6.2	10/11/2019
MW-226D	07/09/2019	ND (0.2)	218.6	ND (1.0)				
	10/14/2019	ND (0.2)	218.6	1.2				
	04/06/2020	ND (0.2)	218.6	ND (1.0)	0.47	01/15/2019	1.2	10/14/2019
MW-226S	07/09/2019	2.8	218.6	2.8				
	10/14/2019	2.5	218.6	3.3				
	12/05/2019	2.8	218.6	2.5				
	04/06/2020	2.5	218.6	2.8	2.8	12/05/2019	3.3	10/14/2019
MW-30B2	07/10/2019	8.4	218.6	8.6				
	10/16/2019	18	218.6	18				
	01/16/2020	29	218.6	27				
	04/10/2020	5.8	218.6	5.8	192	10/11/2004	180	10/11/2004
PGE-06	07/26/2019	0.94	218.6	ND (1.0)	0.94	07/26/2019	1.2	02/12/2019
PMW-02	07/24/2019	380	218.6	390				
	10/23/2019	560	218.6	660				
	01/23/2020	740	218.6	750				
	01/23/2020 dup	760	218.6	750				
	04/23/2020	1,000	218.6	1,100	1000	04/23/2020	1100	04/23/2020
PMW-03	07/25/2019	ND (0.2)	218.6	ND (1.0)				
	10/23/2019	ND (0.2)	218.6	9.8				
	01/22/2020	ND (0.2)	218.6	1.7				
	04/23/2020	ND (0.2)	218.6	2.8	3890	02/17/2003	5800	04/10/1997

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
PMW-04	07/24/2019	ND (0.2)	218.6	1.8				
	01/22/2020	ND (0.2)	218.6	6.2	1230	05/22/2002	1430	05/22/2002
PMW-05	07/25/2019	1.8	218.6	19				
	10/25/2019	3.3	218.6	22				
	01/22/2020	10	218.6	28				
	04/23/2020	0.22	218.6	2.2	3000	03/07/2018	4000	08/24/2005
PT2-MW-10	07/24/2019	ND (0.2)	218.6	1.9				
	07/24/2019 dup	ND (0.2)	218.6	1.6				
	11/07/2019	ND (0.2)	218.6	11				
	01/16/2020	ND (0.2)	218.6	5.0				
	04/17/2020	ND (0.2)	218.6	3.1	832	01/31/2011	880	11/09/2011
SA-MW-01S	07/16/2019	0.83	218.6	3.1				
	11/05/2019	2.6	218.6	9.0				
	01/20/2020	2.2	218.6	6.5				
	04/15/2020	ND (0.2)	218.6	31	1400	02/08/2012	1400	08/11/2011
	04/15/2020 dup	ND (0.2)	218.6	28				
SA-MW-04S	07/16/2019	ND (0.2)	218.6	8.0				
	11/07/2019	ND (0.2)	218.6	16				
	01/20/2020	ND (0.2)	218.6	4.1	677	02/04/2010	635	04/14/2009
SA-MW-05D	07/26/2019	350	218.6	390				
	11/04/2019	310	218.6	350				
	11/04/2019 dup	320	218.6	360				
	01/20/2020	280	218.6	290				
	01/20/2020 dup	290	218.6	310				
	04/15/2020	290	218.6	290	9030	08/12/2010	8210	11/05/2009
	04/15/2020 dup	280	218.6	300				
SA-MW-06S	07/25/2019	110	218.6	110				
	07/25/2019 dup	110	218.6	100				
	11/07/2019	110	218.6	110				
	01/20/2020	130	218.6	140				
	04/15/2020	170	218.6	180	1930	02/03/2010	1740	11/03/2009
	04/15/2020 dup	160	218.6	180				
SA-MW-07D	07/23/2019	450	218.6	450				
	11/07/2019	420	218.6	460				
	01/21/2020	270	218.6	270				
	04/15/2020	290	218.6	300	1720	06/23/2008	1690	06/23/2008
	04/15/2020 dup	290	218.6	300				
SA-MW-09S	07/24/2019	ND (0.2)	218.6	4.2				
	11/07/2019	1.3	218.6	7.2				
	01/21/2020	ND (0.2)	218.6	4.0				
	04/20/2020	0.46	218.6	5.7	1030	05/28/2008	1000	05/28/2008

Table 4-1
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Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
SA-MW-10D	07/25/2019	220	218.6	210				
	11/07/2019	480	218.6	520				
	01/21/2020	2,800	218.6	3,100				
	04/20/2020	410	218.6	400	3200	10/02/2013	3100	01/21/2020
SA-MW-11D	07/18/2019	18	218.6	16				
	01/21/2020	78	218.6	75	160	10/03/2013	137	08/17/2010
SA-MW-11S	07/18/2019	530	218.6	510				
	11/05/2019	470	218.6	470				
	01/21/2020	520	218.6	510				
	04/17/2020	430	218.6	440	1380	10/15/2008	1090	06/08/2009
SA-MW-15D	07/17/2019	63	218.6	59				
	01/10/2020	70	218.6	70	414	10/15/2008	290	02/11/2009
SA-MW-16S	11/07/2019	110	218.6	110				
	01/22/2020	99	218.6	100				
	04/20/2020	96	218.6	90	407	08/11/2010	390	08/07/2014
SA-MW-17S	07/16/2019	310	218.6	290				
	11/05/2019	300	218.6	300				
	01/22/2020	300	218.6	300				
	04/20/2020	320	218.6	310	320	04/20/2020	330	04/18/2019
SA-MW-18D	07/16/2019	4.6	218.6	7.7				
	01/22/2020	0.7	218.6	1.3	210	07/10/2017	220	07/10/2017
SA-MW-20D	07/25/2019	ND (0.2)	218.6	1.2				
	11/07/2019	ND (0.2)	218.6	ND (1.0)				
	01/22/2020	ND (0.2)	218.6	ND (1.0)				
	04/21/2020	ND (0.2)	218.6	2.9	3070	08/13/2010	2690	05/19/2010
SA-MW-25D	07/18/2019	0.81	218.6	1.1				
	11/07/2019	0.72	218.6	2.3				
	01/17/2020	0.84	218.6	1.1				
	04/21/2020	0.77	218.6	2.4	1.2	08/13/2010	2.4	04/21/2020
SA-MW-25S	07/18/2019	0.66	218.6	1.4				
	07/18/2019 dup	0.68	218.6	1.3				
	11/07/2019	0.48	218.6	2.6				
	01/17/2020	0.7	218.6	1.7	19.0	04/19/2019	20.0	01/15/2019
SA-MW-26D	07/18/2019	0.91	218.6	ND (1.0)				
	11/06/2019	0.6	218.6	5.5				
	01/17/2020	0.94	218.6	1.1				
	04/21/2020	0.9	218.6	1.5	1.2	04/10/2014	5.5	11/06/2019

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
SA-MW-26S	07/18/2019	ND (0.2)	218.6	ND (1.0)				
	11/05/2019	ND (0.2)	218.6	ND (1.0)				
	11/05/2019 dup	ND (0.2)	218.6	ND (1.0)				
	01/17/2020	ND (0.2)	218.6	ND (1.0)				
	04/21/2020	ND (0.2)	218.6	ND (1.0)	384	03/21/2011	390	04/10/2014
	04/21/2020 dup	ND (0.2)	218.6	ND (1.0)				
SA-MW-27D	07/22/2019	2.3	218.6	2.4				
	11/07/2019	ND (0.2)	218.6	ND (1.0)				
	01/17/2020	2.5	218.6	2.6				
	04/21/2020	2.7	218.6	3.2				
	06/04/2020	2.6	218.6	2.9	2.7	04/21/2020	3.2	04/21/2020
SA-MW-34D	07/22/2019	0.77	218.6	1.1	0.77	07/22/2019	2.0	08/09/2017
SA-MW-34S	07/22/2019	46	218.6	44				
	11/07/2019	28	218.6	31				
	01/17/2020	37	218.6	36				
	04/21/2020	1.5	218.6	7.2	58.0	11/06/2017	58.0	11/06/2017
SA-MW-35D	07/24/2019	15	218.6	15				
	01/17/2020	7.8	218.6	7.2	17.0	01/16/2019	19.0	01/16/2019
SA-MW-35S	07/24/2019	0.43	218.6	ND (1.0)	4.3	10/13/2016	4.4	10/13/2016
SA-MW-36D	07/23/2019	2.8	218.6	2.9				
	02/04/2020	8.7	218.6	8.9	8.7	02/04/2020	8.9	02/04/2020
SA-MW-36S	07/23/2019	ND (0.2)	218.6	ND (1.0)				
	11/07/2019	ND (0.2)	218.6	ND (1.0)	22.0	10/13/2016	22.0	10/13/2016
SA-MW-37D	07/23/2019	7.7	218.6	7.6				
	07/23/2019 dup	7.7	218.6	7.5				
	11/04/2019	5.2	218.6	7.0				
	02/04/2020	5.9	218.6	5.8				
	04/21/2020	5.9	218.6	7.1	15.0	10/14/2016	17.0	10/14/2016
SA-MW-38D	07/19/2019	380	218.6	370				
	11/04/2019	330	218.6	370 J				
	02/04/2020	370	218.6	400				
	02/04/2020 dup	360	218.6	400				
	04/21/2020	360	218.6	360	380	07/19/2019	400	02/04/2020
	04/21/2020 dup	360	218.6	350				
SA-MW-38S	07/19/2019	120	218.6	110				
	11/04/2019	130	218.6	140				
	02/04/2020	260	218.6	250				
	04/21/2020	240	218.6	240	260	02/04/2020	250	02/04/2020

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Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
SA-MW-39D	07/19/2019	470	218.6	500				
	11/04/2019	290	218.6	340				
	01/23/2020	400	218.6	420				
	04/21/2020	630	218.6	640	1000	10/31/2017	990	10/31/2017
SA-MW-39S	07/19/2019	110	218.6	120				
	11/04/2019	110	218.6	170				
	01/23/2020	190	218.6	200				
	04/21/2020	200	218.6	210	200	04/21/2020	220	01/15/2019
SA-RW-25	07/16/2019	80	218.6	75				
	11/08/2019	89	218.6	85				
	01/15/2020	75	218.6	74				
	04/16/2020	82	218.6	79	250	07/19/2013	120	07/17/2018
SA-SM-01S	02/06/2020	ND (0.2)	218.6	2.8				
	04/22/2020	ND (0.2)	218.6	2.5	1200	01/10/2013	1300	10/17/2012
SA-SM-02S	07/23/2019	1,400	218.6	1,300				
	02/06/2020	910	218.6	960				
	02/06/2020 dup	840	218.6	920				
	04/22/2020	730	218.6	700	2600	05/01/2012	2700	07/27/2011
SA-SM-03SR	07/23/2019	ND (0.2)	218.6	21				
	11/06/2019	ND (0.2)	218.6	3.7				
	02/06/2020	ND (0.2)	218.6	21				
	04/22/2020	ND (0.2)	218.6	13	190	07/28/2017	210	07/28/2017
SA-SM-08D	07/23/2019	ND (0.2)	218.6	5.9				
	11/06/2019	ND (0.2)	218.6	4.1				
	02/06/2020	6.8	218.6	17				
	02/06/2020 dup	6.4	218.6	17				
	04/22/2020	ND (0.2)	218.6	2.5	840	08/06/2015	890	08/06/2015
SA-SM-11D	07/23/2019	ND (0.2)	218.6	1.3				
	02/06/2020	ND (0.2)	218.6	2.5	170	08/13/2010	159	12/11/2008
SC-MW-01D	07/22/2019	ND (0.2)	218.6	1.6				
	07/22/2019 dup	ND (0.2)	218.6	1.7				
	11/05/2019	0.7	218.6	1.9				
	01/23/2020	0.71	218.6	1.5				
	04/08/2020	0.69	218.6	1.1	3.9	06/05/2018	3.8	04/30/2018
SC-MW-02D	07/22/2019	6.2	218.6	6.4				
	11/05/2019	3.9	218.6	5.1				
	02/05/2020	5.1	218.6	5.3				
	02/05/2020 dup	5.0	218.6	5.4				
	04/08/2020	4.3	218.6	5.4	255	08/05/2010	258	08/27/2009

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Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
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Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
SC-MW-03D	07/22/2019	4.3	218.6	4.5				
	11/05/2019	4.7	218.6	4.8				
	02/05/2020	2.4	218.6	2.6				
	04/08/2020	1.4	218.6	1.6	411	11/03/2010	480	08/06/2015
SC-MW-04D	07/22/2019	1.6	218.6	2.0				
	11/05/2019	2.2	218.6	3.2				
	12/02/2019	7.1	218.6	7.0				
	01/24/2020	9.3	218.6	9.1				
	03/02/2020	10	218.6	9.9				
	04/08/2020	2.7	218.6	3.1				
	06/01/2020	2.3	218.6	3.3	14.2	02/04/2011	12.6	02/04/2011
SC-MW-04S	07/24/2019	1.1	218.6	1.1				
	11/05/2019	1.1	218.6	1.4				
	01/24/2020	1.1	218.6	1.0				
	04/08/2020	1.0	218.6	1.1	1.2	05/03/2016	1.7	05/03/2016
SC-MW-05D	07/25/2019	1.2	218.6	1.8				
	11/05/2019	2.2	218.6	2.6				
	01/24/2020	6.9	218.6	6.9				
	03/02/2020	4.3	218.6	4.4				
	04/08/2020	1.4	218.6	2.2				
	06/01/2020	1.2	218.6	1.9	6.9	01/24/2020	6.9	01/24/2020
SC-MW-06D	07/25/2019	1.0	218.6	2.2				
	11/05/2019	1.5	218.6	1.7				
	01/24/2020	17	218.6	16				
	03/02/2020	43	218.6	40				
	04/08/2020	1.1	218.6	1.9				
	06/01/2020	1.3	218.6	1.7	43.0	03/02/2020	40.0	03/02/2020
SC-MW-06S	07/26/2019	1.1	218.6	1.3				
	07/26/2019 dup	1.2	218.6	1.3				
	11/05/2019	1.2	218.6	1.8				
	01/24/2020	1.3	218.6	1.9				
	04/08/2020	1.4	218.6	1.7	3.1	02/02/2011	3.1	02/02/2011
SC-MW-07D	07/25/2019	1.4	218.6	3.3				
	09/04/2019	1.4	218.6	2.6				
	11/05/2019	1.5	218.6	1.7				
	11/05/2019 dup	1.5	218.6	1.7				
	01/24/2020	1.6	218.6	1.7				
	04/15/2020	1.6	218.6	2.1	1.6	04/15/2020	3.3	07/25/2019

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
SC-MW-07S	07/25/2019	1.9	218.6	2.6				
	11/05/2019	1.9	218.6	2.1				
	01/24/2020	1.8	218.6	2.2				
	04/15/2020	2.0	218.6	3.1	2.0	04/15/2020	3.1	04/15/2020
SC-MW-08S	07/25/2019	2.4	218.6	2.6				
	02/05/2020	2.1	218.6	2.9	2.4	07/25/2019	3.5	08/07/2017
SC-MW-09D	07/23/2019	2.2	218.6	4.0				
	09/04/2019	2.0	218.6	2.8				
	11/05/2019	2.4	218.6	2.6				
	02/05/2020	2.0	218.6	2.4				
	04/15/2020	1.7	218.6	2.2	4.0	11/04/2010	7.9	11/06/2012
SC-MW-09S	07/25/2019	1.8	218.6	1.9				
	07/25/2019 dup	1.8	218.6	1.9				
	02/05/2020	1.4	218.6	1.9	15.6	11/04/2010	11.2	11/04/2010
SC-MW-10D	07/23/2019	1.6	218.6	2.4				
	11/06/2019	1.6	218.6	2.3				
	02/05/2020	1.8	218.6	2.3				
	04/15/2020	1.8	218.6	2.3	1.8	04/15/2020	2.4	07/23/2019
SC-MW-10S	07/25/2019	1.4	218.6	1.5				
	11/06/2019	0.82	218.6	2.0				
	02/05/2020	1.1	218.6	1.4				
	04/15/2020	0.85	218.6	4.5				
	06/02/2020	0.97	218.6	1.6	2.6	11/05/2015	4.6	01/16/2019
SC-MW-11D	07/18/2019	ND (0.2)	218.6	ND (1.0)				
	11/07/2019	ND (0.2)	218.6	ND (1.0)				
	02/05/2020	ND (0.2)	218.6	ND (1.0)				
	04/15/2020	ND (0.2)	218.6	ND (1.0)	0.28	05/18/2010	2.4	10/02/2017
SC-MW-12S	07/18/2019	290	218.6	280				
	11/07/2019	300	218.6	320				
	11/07/2019 dup	300	218.6	330				
	02/04/2020	340	218.6	380				
	04/15/2020	340	218.6	340	400	02/03/2016	440	11/06/2015
SC-MW-13D	07/18/2019	4.1	218.6	4.5				
	11/07/2019	1.2	218.6	1.6				
	01/21/2020	1.2	218.6	2.1				
	01/21/2020 dup	1.2	218.6	2.1				
	04/20/2020	2.3	218.6	3.2	36.0	02/13/2019	37.0	04/18/2019

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
SC-MW-13S	07/18/2019	13	218.6	12				
	10/22/2019	3.6	218.6	3.7				
	10/22/2019 dup	3.5	218.6	4.0				
	01/21/2020	0.39	218.6	ND (1.0)				
	04/20/2020	ND (0.2)	218.6	ND (1.0)	130	04/12/2018	140	04/12/2018
SC-MW-16C	10/22/2019	ND (0.2)	218.6	1.1	1.4	08/24/2010	2.1	11/13/2009
SC-MW-16S	07/17/2019	0.77	218.6	1.9				
	02/04/2020	0.84	218.6	1.3	1.9	08/09/2012	1.9	07/17/2019
SC-MW-21S	07/17/2019	350	218.6	330				
	07/17/2019 dup	350	218.6	340				
	10/22/2019	300	218.6	350				
	01/21/2020	330	218.6	330				
	01/21/2020 dup	330	218.6	340				
	04/21/2020	290	218.6	290	470	02/01/2016	510	07/17/2015
SC-MW-26D	07/17/2019	770	218.6	740				
	07/17/2019 dup	770	218.6	760				
	11/05/2019	280	218.6	320				
	11/05/2019 dup	280	218.6	310				
	02/04/2020	59	218.6	68				
	02/04/2020 dup	59	218.6	67				
	06/04/2020	730	218.6	810	1540	11/01/2010	1480	11/01/2010
SC-MW-38D	07/18/2019	15	218.6	14				
	09/05/2019	21	218.6	22				
	02/04/2020	24	218.6	25				
	04/08/2020	18	218.6	18				
	06/01/2020	15	218.6	15	180	07/27/2011	190	07/27/2011
X-04	07/11/2019	0.61	218.6	ND (1.0)				
	10/10/2019	0.74	218.6	2.1				
	01/15/2020	0.74	218.6	1.2				
	04/14/2020	1.4	218.6	1.7	12.0	04/11/2019	14.0	04/11/2019
X-05	07/11/2019	ND (0.06)	218.6LL	ND (1.0)				
	10/10/2019	ND (0.06)	218.6LL	ND (1.0)				
	01/15/2020	0.25	218.6	ND (1.0)				
	04/14/2020	13	218.6	12	214	07/30/1997	230	07/30/1997
X-06	07/11/2019	730	218.6	750				
	10/10/2019	700	218.6	790				
	01/14/2020	700	218.6	750				
	04/14/2020	670	218.6	680	730	07/11/2019	790	10/10/2019

Table 4-1
Chromium Sampling Results for Monitoring and Extraction Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Hexavalent Chromium (µg/L)	Method	Total Dissolved Chromium (µg/L)	Historical Maximum Concentrations from the PG&E Database			
					Hexavalent Chromium (µg/L)	Date	Total Dissolved Chromium (µg/L)	Date
X-09	07/11/2019	5.7	218.6	5.4				
	10/10/2019	3.5	218.6	3.9				
	01/15/2020	4.2	218.6	3.9				
	06/02/2020	9.3	218.6	8.9	96.0	04/29/2014	510	08/10/2000
X-10	07/16/2019	19	218.6	17				
	01/21/2020	22	218.6	21	519	11/11/1999	800	10/03/1996
	01/21/2020 dup	23	218.6	21				
X-12	07/16/2019	3.3	218.6	3.1				
	07/16/2019 dup	3.3	218.6	3.2				
	10/25/2019	3.0	218.6	3.1				
	01/21/2020	3.0	218.6	2.9				
	04/13/2020	3.2	218.6	2.9	480	07/15/2014	597	08/27/2004
X-13	07/16/2019	130	218.6	120				
	11/08/2019	130	218.6	130				
	11/08/2019 dup	130	218.6	120				
	12/05/2019	100	218.6	90				
	01/21/2020	130	218.6	130				
	04/13/2020	140	218.6	130	870	10/03/2013	860	01/15/2013
	04/13/2020 dup	140	218.6	130				
Y-01	07/11/2019	2.3	218.6	1.9				
	10/10/2019	2.2	218.6	2.0				
	01/14/2020	2.3	218.6	2.1				
	04/14/2020	2.1	218.6	2.0	17.0	08/03/2015	16.0	08/03/2015
Y-03	07/11/2019	3.4	218.6	2.8				
	10/10/2019	3.2	218.6	3.1				
	01/14/2020	3.4	218.6	3.4				
	04/14/2020	2.9	218.6	2.9	13.6	08/26/2013	12.3	08/26/2013

Notes:

See Table 4-3 for chromium sampling results for PG&E's Domestic Well Sampling Program.

[a] Samples were collected after isolating deep screen of extraction well with a packer.

= Well sampled during the current quarter groundwater monitoring period

Abbreviations:

--- = sample not analyzed for this parameter
µg/L = micrograms per liter
dup = Results shown are for a duplicate groundwater sample taken on this date.
J = Analyte was present in the sample but the laboratory reported concentration is qualified as estimated by data validation because one or more quality control criteria were not met.
LL = low level
ND (x.x) = parameter is not detected at the reporting limit shown in parentheses
PG&E = Pacific Gas and Electric Company

Table 4-2
Chromium Results for Monitoring Locations Resampled During Reporting Period
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample ID	Sample Type	Initial Sampling Results				RPD (%)	Resampling Results				Resample Reason
			Date Sampled	Hexavalent Chromium (µg/L)	Total Dissolved Chromium (µg/L)	Difference		Sample ID	Date Sampled	Hexavalent Chromium (µg/L)	Total Dissolved Chromium (µg/L)	
Wells resampled as required by the 2015 CAO												
23-30	23-30-Q220	N	04/07/20	3	4.1	-1.1	-30.99	23-30-RE-Q220	05/07/20	3.2	3	> 1 ppb difference
28-36	28-36-Q220	N	04/09/20	0.86	2.4	-1.5	-94.48	28-36-RE-Q220	05/07/20	0.61	2.3	> 1 ppb difference
EX-03	EX-03-Q220	N	04/24/20	0.34	1.5	-1.2	-126.09	EX-03-RE-0620	06/05/20	0.67	1.9	> 1 ppb difference
EX-04	EX-04-Q220	N	04/14/20	1.4	2.5	-1.1	-56.41	EX-04-RE-0620	06/05/20	1.3	2.1	> 1 ppb difference
EX-31	EX-31-Q220	N	04/16/20	3.7	5.6	-1.9	-40.86	EX-31-RE-0620	06/04/20	3.1	5.5	>25% RPD difference
EX-36	EX-36-Q220	N	05/08/20	0.25	5.4	-5.2	-182.30	EX-36-RE-0620	06/04/20	0.98	23	> 1 ppb difference
MW-103D	MW-103D-Q220	N	05/07/20	1	2.1	-1.1	-70.97	MW-103D-RE-0620	06/04/20	1.2	2.2	> 1 ppb difference
MW-123S2	MW-123S2-Q220	N	04/06/20	2	2.8 J	-0.8	-33.33	MW-123S2-RE-0620	06/05/20	1.9	2.5	> 1 ppb difference
MW-130S1	MW-130S1-Q220	N	04/08/20	3.2	5.1	-1.9	-45.78	MW-130S1-RE-0620	06/03/20	3.6	4	>25% RPD difference
MW-136S1	MW-136S1-Q220	N	04/08/20	3.6	5.6	-2.0	-43.48	MW-136S1-RE-0620	06/04/20	4	4.2	>25% RPD difference
MW-147D	MW-147D-Q220	N	04/14/20	ND (0.2)	23	-22.8	-196.55	MW-147D-RE-0620	06/04/20	1.7	2	> 1 ppb difference
MW-147S	MW-147S-Q220	N	04/14/20	2.4	4	-1.6	-50.00	MW-147S-RE-0620	06/05/20	ND (2.1)	2.4	> 1 ppb difference
MW-153S	MW-153S-Q220	N	04/09/20	2.9	4.1	-1.2	-34.29	MW-153S-RE-0620	06/05/20	3.6	3.9	> 1 ppb difference
MW-162S1	MW-162S1-Q220	N	04/14/20	3.7	4.8	-1.1	-25.88	MW-162S1-RE-0620	06/03/20	3.1	4.3	>25% RPD difference
MW-194S1	MW-194S1-Q220	N	04/24/20	3.2	4.3	-1.1	-29.33	MW-194S1-RE-0620	06/03/20	3.2	5.1	>25% RPD difference
MW-195S1	MW-195S1-Q220	N	04/14/20	4	7.2	-3.2	-57.14	MW-195S1-RE-0620	06/03/20	4.9	4.8	>25% RPD difference
MW-201S	MW-201S-Q220	N	04/09/20	0.96	2.4	-1.4	-85.71	MW-201S-RE-0620	06/04/20	1	1.3	> 1 ppb difference
MW-202S	MW-202S-Q220	N	04/14/20	1.3	3.1	-1.8	-81.82	MW-202S-RE-0620	06/04/20	1.4	2.9	> 1 ppb difference
MW-203D	MW-203D-Q220	N	04/15/20	ND (0.2)	2.4	-2.2	-169.23	MW-203D-RE-0620	06/03/20	0.88	3.7	> 1 ppb difference
MW-206S	MW-206S-Q220	N	04/16/20	3.5	5.7	-2.2	-47.83	MW-206S-RE-0620	06/05/20	3.5	4.6	>25% RPD difference
MW-58	MW-58-Q220	N	05/07/20	0.47	1.6	-1.1	-109.18	MW-58-RE-0620	06/05/20	ND (0.49)	ND (1)	> 1 ppb difference

Table 4-2
Chromium Results for Monitoring Locations Resampled During Reporting Period
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample ID	Sample Type	Initial Sampling Results				RPD (%)	Resampling Results				Resample Reason
			Date Sampled	Hexavalent Chromium (µg/L)	Total Dissolved Chromium (µg/L)	Difference		Sample ID	Date Sampled	Hexavalent Chromium (µg/L)	Total Dissolved Chromium (µg/L)	
Wells resampled for other reasons												
BW-01S	BW-01S-Q220	N	04/09/20	6.2	6.5	-0.3	-4.72	BW-01S-RE-0620	06/02/20	9.8	9.5	Previously <3.1 ppb
MW-35	MW-35-Q220	N	04/08/20	1	1.8	-0.8	-57.14	MW-35-RE-0620	06/01/20	1.4	2.2	NE SCRIA design support
MW-73D	MW-73D-Q220	N	04/16/20	1.1	3.2	-2.1	-97.67	MW-73D-RE-0620	06/04/20	1	1.7	Previously <3.1 ppb
MW-127S1	MW-127S1-Q220	N	04/07/20	3.5	4	-0.5	-13.33	MW-127S1-RE-0620	06/05/20	3.4	4	Verify isolated bubble
MW-131S1	MW-131S1-Q220	N	04/08/20	2.3	5.5	-3.2	-82.05	MW-131S1-RE-0620	06/04/20	2.5	3.2	Previously <3.1 ppb
MW-177S	MW-177S-Q220	N	04/15/20	0.52	3.7	-3.2	-150.71	MW-177S-RE-0620	06/04/20	1.8	2.2	Previously <3.1 ppb
MW-214S	MW-214S-Q220	N	04/10/20	3.7	3.5	0.2	5.56	MW-214S-RE-0620	06/05/20	ND (3.4)	3.8	Previously <3.1 ppb
MW-219S1	MW-219S1-Q220	N	04/24/20	3.4	3.7	-0.3	-8.45	MW-219S1-0520	05/07/20	3.7	3.8	Field error
SA-MW-02S	SA-MW-02S-Q220	N	04/15/20	ND (0.2)	290	-289.8	-199.72	SA-MW-02S-RE-0620	06/02/20	ND (0.2)	5.9	Previously <10 ppb
SA-MW-27D	SA-MW-27D-Q220	N	04/21/20	2.7	3.2	-0.5	-16.95	SA-MW-27D-RE-0620	06/04/20	2.6	2.9	Previously <3.1 ppb
SA-MW-33S	SA-MW-33S-Q220	N	04/21/20	27	27	0.0	0.00	SA-MW-33S-RE-0620	06/04/20	39	41	Previously <10 ppb
SC-MW-02M	SC-MW-02M-Q220	N	04/08/20	5.4	6.2	-0.8	-13.79	SC-MW-02M-RE-0620	06/02/20	6.6	7.2	Previously <3.1 ppb
SC-MW-04D	SC-MW-04D-Q220	N	04/08/20	2.7	3.1	-0.4	-13.79	SC-MW-04D-RE-0620	06/01/20	2.3	3.3	NE SCRIA design support
SC-MW-05D	SC-MW-05D-Q220	N	04/08/20	1.4	2.2	-0.8	-44.44	SC-MW-05D-RE-0620	06/01/20	1.2	1.9	NE SCRIA design support
SC-MW-06D	SC-MW-06D-Q220	N	04/08/20	1.1	1.9	-0.8	-53.33	SC-MW-06D-RE-0620	06/01/20	1.3	1.7	NE SCRIA design support
SC-MW-10S	SC-MW-10S-Q220	N	04/15/20	0.85	4.5	-3.7	-136.45	SC-MW-10S-RE-0620	06/02/20	0.97	1.6	Previously <3.1 ppb
SC-MW-38D	SC-MW-38D-Q220	N	04/08/20	18	18	0.0	0.00	SC-MW-38D-RE-0620	06/01/20	15	15	NE SCRIA design support
X-15	X-15-Q220	N	04/09/20	25	26	-1.0	-3.92	X-15-RE-0620	06/02/20	37	48	NE SCRIA design support

Note:
According to Cleanup and Abatement Order No. R6V-2015-0068 (dated November 4, 2015; 2015 CAO), if sample results show a relative percent difference of 25 percent or greater between Cr(VI) and Cr(T) concentrations and if both concentrations are less than 10 ppb and Cr(VI) is greater than 3.1 ppb and Cr(T) is greater than 3.2 ppb, then the samples must be reanalyzed within the same quarter. In addition, if sample results have Cr(VI)/Cr(T) difference greater than 1.0 ppb at concentrations below 4 ppb, then the sample must be reanalyzed within the same quarter.

Abbreviations:
% = percent
µg/L = micrograms per liter
CAO = Cleanup and Abatement Order
Cr(VI) = hexavalent chromium
Cr(T) = total chromium
J = Analyte was present in the sample but the laboratory reported concentration is qualified as estimated by data validation because one or more quality control criteria were not met.
N = normal sample
ND (x.xx) = not detected, value in parenthesis is the reporting limit
ppb = parts per billion
RPD = relative percent difference

Table 4-3
Chromium Sampling Results for Domestic and Other Private Supply Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Well Type	Sample Date	Hexavalent Chromium (µg/L)	Total Dissolved Chromium (µg/L)
Wells in the Second Quarter 2020 DWSP				
01-01A	DOM	07/17/19	0.47	ND (1.0)
		10/07/19	0.44	ND (1.0)
		01/31/20	0.47	ND (1.0)
		04/06/20	0.51	ND (1.0)
02-02A	DOM	07/08/19	0.83	ND (1.0)
		10/07/19	0.69	ND (1.0)
		01/13/20	0.17	ND (1.0)
		04/06/20	0.44	ND (1.0)
02-02B	DOM	07/08/19	1.5	1.3
		10/07/19	1.5	1.3
		01/13/20	0.066	ND (1.0)
		04/06/20	ND (0.2)	ND (1.0)
02-23	DOM	07/16/19	0.75	ND (1.0)
		10/07/19	0.7	ND (1.0)
		01/13/20	0.75	ND (1.0)
		04/06/20	0.79	ND (1.0)
14-15	DOM	07/16/19	2.7	2.6
22-103	DOM	07/10/19	1.8	1.7
		10/10/19	1.7	1.5
		10/10/19 duplicate	1.7	1.4
		01/16/20	1.8	1.7
		04/09/20	1.8	1.8
22-48	DOM	10/10/19	1.4	1.3
		10/10/19 duplicate	1.4	1.1
		01/16/20	1.5	1.5
		04/09/20	2.0	2.8
22-60	DOM	07/16/19	0.47	ND (1.0)
		10/10/19	0.51	ND (1.0)
		01/16/20	0.28	ND (1.0)
		04/09/20	0.15	ND (1.0)
22-74	DOM	07/11/19	1.9	1.7
22-75	DOM	07/11/19	2.1	2.1
		10/10/19	2.0	1.6
		01/17/20	2.0	1.9
		04/10/20	1.9	1.9
22-82	DOM	07/11/19	1.2	1.2
		10/10/19	0.87	ND (1.0)
		01/16/20	1.3	1.2
		04/09/20	0.87	ND (1.0)
25-16	DOM	07/09/19	2.5	2.4
		10/08/19	2.4	2.3
		01/14/20	2.4	2.3
		04/07/20	2.4	2.4

Table 4-3
Chromium Sampling Results for Domestic and Other Private Supply Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Well Type	Sample Date	Hexavalent Chromium (µg/L)	Total Dissolved Chromium (µg/L)
27-16	DOM	07/11/19	1.0	1.0
		07/11/19 duplicate	1.0	ND (1.0)
		10/11/19	0.28	ND (1.0)
		01/17/20	1.2	1.2
		04/10/20	1.3	1.3
27-26	DOM	07/12/19	1.3	1.1
		10/11/19	1.0	ND (1.0)
		01/17/20	1.1	1.1
		01/17/20 duplicate	1.1	1.1
		04/10/20	0.73	ND (1.0)
27-42	DOM	07/11/19	0.44	ND (1.0)
		10/11/19	0.39	ND (1.0)
		01/17/20	0.5	ND (1.0)
		04/10/20	0.43	ND (1.0)
27-43	DOM	07/11/19	1.6	1.4
		10/11/19	1.3	1.4
		01/17/20	1.6	1.5
		04/10/20	1.4	1.4
27-48	DOM	07/12/19	0.52	ND (1.0)
		10/11/19	0.5	ND (1.0)
		01/17/20	0.54	ND (1.0)
		04/10/20	0.6	ND (1.0)
27-49	DOM	07/12/19	2.8	2.6
		10/11/19	2.4	2.6
		01/17/20	2.0	1.9
		04/10/20	2.3	2.3
		04/10/20 duplicate	2.3	2.4
28-20	DOM	07/10/19	1.4	1.3
		10/09/19	1.2	ND (1.0)
		01/17/20	1.3	1.3
		04/08/20	1.2	1.3
28-22	DOM	07/10/19	1.1	ND (1.0)
		10/09/19	1.0	ND (1.0)
		10/09/19 duplicate	1.0	ND (1.0)
		01/15/20	1.2	1.2
		04/08/20	1.0	1.0
28-36	DOM	07/10/19	1.7	2.6
		07/10/19 duplicate	1.7	2.6
		10/09/19	1.2	2.3
		11/05/19	0.93	2.3
		01/16/20	0.72 J	2.2
		02/04/20	0.26	1.8
		04/09/20	0.86	2.4
		05/07/20	0.61	2.3

Table 4-3
Chromium Sampling Results for Domestic and Other Private Supply Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Well Type	Sample Date	Hexavalent Chromium (µg/L)	Total Dissolved Chromium (µg/L)
28-40	DOM	07/10/19	1.2	1.1
		10/11/19	1.1	1.1
		01/17/20	1.2	1.1
		04/09/20	1.2	1.2
28-51	DOM	07/10/19	0.14	ND (1.0)
		10/09/19	0.13	ND (1.0)
		04/08/20	ND (0.06)	ND (1.0)
28-76	DOM	07/09/19	0.77	ND (1.0)
28-82	DOM	10/09/19	1.4	1.1
		01/15/20	1.6	1.6
		01/15/20 duplicate	1.7	1.6
		04/08/20	1.3	1.3
28N-05	DOM	10/14/19	4.1	4.1
		04/13/20	3.4	3.3
30E-01	DOM	07/09/19	1.7	1.6
		10/08/19	1.8	1.6
		01/14/20	2.0	1.8
		04/07/20	2.3	1.7
30E-12	DOM	07/09/19	1.7	1.6
		10/08/19	2.0	2.2
		01/14/20	1.7	1.8
		04/07/20	1.1	1.2
31E-07	DOM	07/09/19	2.7	2.5
		10/08/19	1.9	1.9
		01/22/20	2.0	1.8
		04/07/20	2.0	1.9
34-63	DOM	07/08/19	0.39	ND (1.0)
		10/07/19	0.1	ND (1.0)
		01/13/20	ND (0.06)	ND (1.0)
		04/06/20	ND (0.06)	ND (1.0)
		04/06/20 duplicate	ND (0.06)	ND (1.0)
34-77	DOM	07/08/19	1.1	ND (1.0)
		10/07/19	0.98	ND (1.0)
		01/13/20	0.9	ND (1.0)
		04/06/20	0.87	ND (1.0)
36-26	DOM	07/08/19	1.3	2.0
		10/08/19	1.8	2.1
		01/14/20	0.6	ND (1.0)
		04/07/20	0.24	ND (1.0)
36-41	DOM	07/09/19	1.8	1.7
		10/08/19	1.3	1.2
		01/14/20	1.8	1.8
		04/07/20	2.0	1.9

Table 4-3
Chromium Sampling Results for Domestic and Other Private Supply Wells, Current Quarter and Previous Three Quarters
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Well Type	Sample Date	Hexavalent Chromium (µg/L)	Total Dissolved Chromium (µg/L)
BGS-48	DOM	07/09/19	ND (0.06)	ND (1.0)
		10/08/19	0.081	ND (1.0)
		01/14/20	0.27	ND (1.0)
		04/07/20	0.27	ND (1.0)
Wells on PG&E-owned Property				
21-03	DOM	07/09/19	ND (0.06)	ND (1.0)
		10/07/19	ND (0.06)	ND (1.0)
23-30	DOM	07/10/19	3.4	3.1
		07/10/19 duplicate	3.4	3.0
		10/08/19	2.9	2.8
		01/15/20	3.1	3.3
		04/07/20	3.0	4.1
		05/07/20	3.2	3.0
26-65	DOM	07/08/19	ND (0.06)	ND (1.0)
		10/08/19	ND (0.06)	ND (1.0)
		01/15/20	ND (0.06)	ND (1.0)
		04/09/20	ND (0.06)	ND (1.0)
		04/09/20 duplicate	ND (0.06)	ND (1.0)
26-66	DOM	07/08/19	ND (0.06)	ND (1.0)
		10/08/19	ND (0.06)	ND (1.0)
		01/15/20	ND (0.06)	ND (1.0)
		04/09/20	ND (0.06)	ND (1.0)
34-47	DOM	07/19/19	ND (0.06)	ND (1.0)
34-59	DOM	07/19/19	2.3	2.1
34-60	DOM	07/19/19	ND (0.06)	ND (1.0)

Abbreviations:
µg/L = micrograms per liter
DOM = domestic supply well
DWSP = Domestic Well Sampling Program
ND (x.x) = Parameter is not detected at the reporting limit shown.
PG&E = Pacific Gas and Electric Company

Table 4-4
Nonparametic (Mann-Kendall) Trend Analysis of Hexavalent Chromium Trends in Domestic and Other Supply Wells
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well	Number of Detections	Number of Non-Detects	Total Number of Samples	Detect Frequency	Min (µg/L)	Max (µg/L)	Mean (µg/L)	Median (µg/L)	Trend	Last Result	Last Sample Date
01-01A	37	0	37	100%	0.43	1.1	0.56	0.51	Decreasing	0.51	Apr-20
02-02A	66	9	75	88%	0.1	4	0.83	0.5285	Decreasing	0.44	Apr-20
02-02B	23	3	26	88%	0.066	2.3	1.5	1.7	Decreasing	0.2	Apr-20
02-23	38	0	38	100%	0.16	0.84	0.6	0.645	Increasing	0.79	Apr-20
22-103	29	0	29	100%	1.6	2.3	2	2	Decreasing	1.8	Apr-20
22-48	33	0	33	100%	1.3	2	1.5	1.5	Decreasing	2	Apr-20
22-60	23	1	24	96%	0.092	0.57	0.26	0.25	No Trend	0.15	Apr-20
22-75	36	0	36	100%	1.6	2.2	1.9	1.9	Increasing	1.9	Apr-20
22-82	34	1	35	97%	0.074	1.3	0.67	0.71	Increasing	0.87	Apr-20
23-30	34	0	34	100%	1.5	3.4	2.8	3	Increasing	3.2	May-20
25-16	29	0	29	100%	2.2	2.6	2.4	2.4	No Trend	2.4	Apr-20
26-65	5	80	85	6%	0.076	0.26	0.13	0.11	No Trend	0.06	Apr-20
26-66	14	70	84	17%	0.068	0.57	0.29	0.3	Increasing	0.06	Apr-20
27-16	38	1	39	97%	0.19	1.5	1.1	1.3	Decreasing	1.3	Apr-20
27-26	40	0	40	100%	0.73	2.1	1.5	1.6	Decreasing	0.73	Apr-20
27-42	39	0	39	100%	0.072	0.68	0.4	0.41	No Trend	0.43	Apr-20
27-43	38	0	38	100%	1.3	1.6	1.4	1.4	No Trend	1.4	Apr-20
27-48	38	0	38	100%	0.28	1.3	0.66	0.625	Decreasing	0.6	Apr-20
27-49	38	0	38	100%	0.25	2.8	1.9	1.8	Increasing	2.3	Apr-20
28-20	37	0	37	100%	0.48	1.4	1.1	1.2	No Trend	1.2	Apr-20
28-22	11	0	11	100%	0.95	1.2	1.1	1.1	No Trend	1	Apr-20
28-36	41	0	41	100%	0.1	2.3	1.1	1	Decreasing	0.61	May-20
28-40	25	0	25	100%	1	1.3	1.2	1.2	No Trend	1.2	Apr-20
28-51	19	11	30	63%	0.064	0.28	0.15	0.13	No Trend	0.06	Apr-20
28N-05	20	0	20	100%	3.4	4.3	3.8	3.7	Decreasing	3.4	Apr-20
30E-01	40	0	40	100%	1.2	2.3	1.7	1.7	No Trend	2.3	Apr-20
30E-12	27	0	27	100%	0.88	2.3	1.8	1.9	Decreasing	1.1	Apr-20
31E-07	19	0	19	100%	0.87	2.7	1.5	1.4	Increasing	2	Apr-20
34-63	13	16	29	45%	0.074	1.3	0.41	0.3	Decreasing	0.06	Apr-20
34-77	33	0	33	100%	0.47	1.2	0.98	1	No Trend	0.87	Apr-20
36-26	36	0	36	100%	0.24	2.1	1.5	1.6	Decreasing	0.24	Apr-20
36-41	36	0	36	100%	0.56	2.2	1.5	1.5	Increasing	2	Apr-20
BGS-48	32	9	41	78%	0.062	0.86	0.27	0.22	No Trend	0.27	Apr-20

Notes:
Trend analysis performed using Mann Kendall single-tailed test at 0.05 significance level.
For monitoring points exhibiting no trend at the 95% confidence level, concentrations are deemed stable if the variability index is equal to or less than one.

Acronyms and Abbreviations:
% = percent
µg/L = micrograms per liter
Max = maximum
Min = minimum

FIGURES

T:\RC000699.0001_PGE_HINKLEY\GIS\GEC\MXD\GMP\2Q20FINAL\FIG1-1_SITE_LOCATION_MAP_GMP2Q20.MXD 6/23/2020

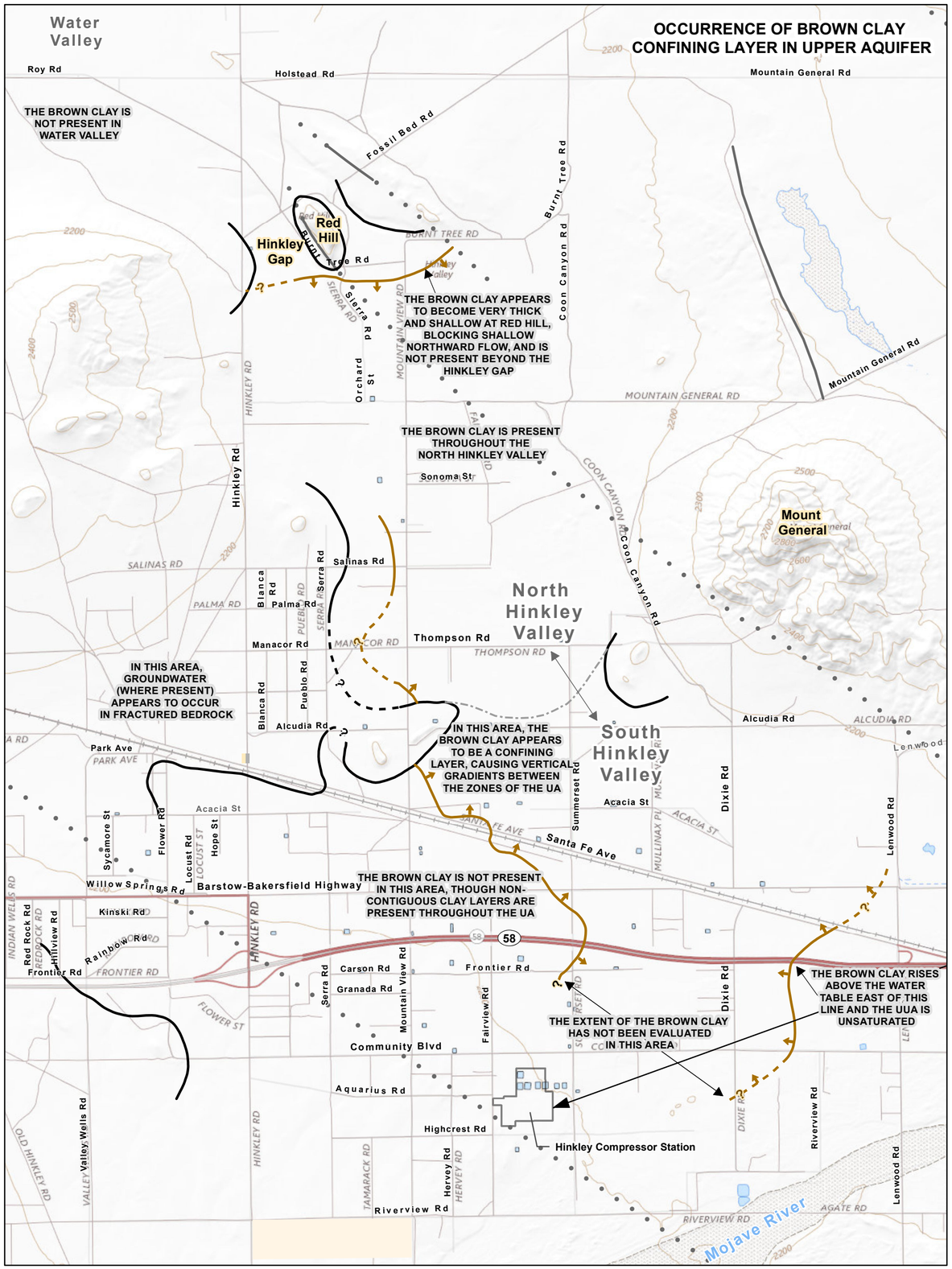
N

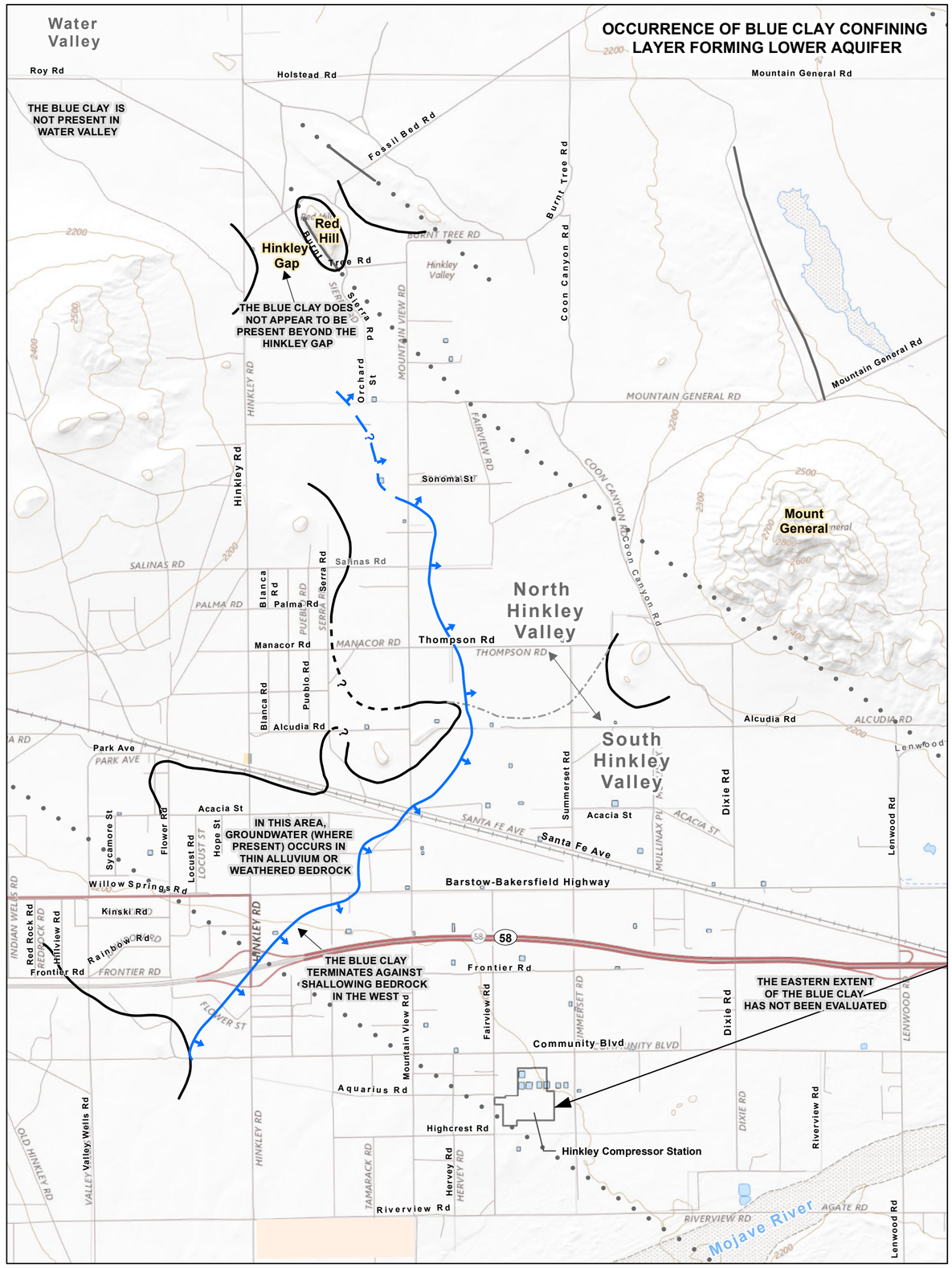
0 0.5 1 Miles

FIGURE 1-1
SITE LOCATION MAP

SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL SAMPLING RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA





LEGEND

- Extent of Brown Clay Confining Layer in Upper Aquifer (Dashed Where Inferred)
- Western Extent of Blue Clay Confining Layer Forming Lower Aquifer (Dashed Where Inferred)
- Extent of the Upper Aquifer (Dashed Where Inferred)

Fault Type*
- Inferred
- Moderately Constrained
- Well Constrained

Source: Quaternary Fault and Fold Database of the United States, (United States Geological Survey) 11/3/2010

- 20 Foot Topographic Contours
- Railroad
- Road

ABBREVIATIONS:
UA Upper Aquifer
UUA Shallow Zone of the Upper Aquifer

N

0 1,500 3,000 Feet

FIGURE 1-2
INVESTIGATION AREA, REFERENCE POINTS, AND FEATURES OF NOTE

SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL SAMPLING RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA

ARCADIS Design & Consultancy for natural and built assets

LEGEND:

- ● Groundwater Monitoring Well
- ⊕ Domestic Supply Well (active and inactive)
- ⊡ Groundwater Extraction Well (active and inactive)
- ⊞ Multi-use Test Well, or injection Well; IRZ_INJ
- ○ Other Supply Well
- Approximate Limit of Saturated Alluvium Upper Aquifer
- Approximate Location of Lockhart Fault; Fault Trace is Inferred, and There is No Surface Expression (Stamos et al. 2001)
- EIR Mitigation Measure WTR-MM-2a Area generated using the First Quarter 2020 plume outline for Cr(VI)/Cr(T)
- PG&E Compressor Station
- County_Parcel
- PG&E-Owned Property
- Bedrock Exposed at Ground Surface

NOTE:

1. Monitoring wells sampled southwest of Lockhart Fault and east of Dixie Road were sampled in support of United States Geological Survey investigations.

ABBREVIATIONS:

Cr(T)	Total Dissolved Chromium
Cr(VI)	Hexavalent Chromium
EIR	Environmental Impact Report
PG&E	Pacific Gas and Electric Company

WORK CITED:

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California*. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3. Prepared in cooperation with the Mojave Water Agency.

Water Board. 2015. Cleanup and Abatement Order No. R6V-2015-0068 Requiring Pacific Gas and Electric Company to Cleanup and Abate Waste Discharges of Total and Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit. November 4.

N

0 1,000 2,000 Feet

FIGURE 2-1
LOCATIONS SAMPLED FOR SITE-WIDE GROUNDWATER MONITORING PROGRAM AND DOMESTIC WELL SAMPLING PROGRAM IN SECOND QUARTER 2020

SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL SAMPLING RESULTS SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA

ARCADIS Design & Consultancy for natural and built assets

Area of 1-foot Contours

East Hinkley Valley
Average Gradient: 0.0029 foot/foot
Velocity Estimate Range: 0.02 to 4.25 foot/day
Average Groundwater Velocity Estimate: 1.58 foot/day or 575 feet/year

West Hinkley Valley
Average Gradient: 0.0029 foot/foot
Velocity Estimate Range: 0.01 to 0.44 foot/day
Average Groundwater Velocity Estimate: 0.12 foot/day or 43 feet/year

LEGEND:

- Monitoring Well
- Extraction Well Operated for More than 6 Days in April 2020 are Depicted as Active
- Inactive Groundwater Extraction Well
- Freshwater Injection Well
- Freshwater Supply Well
- Potentiometric Elevation Contours (Dashed Where Inferred)
- Average Groundwater Gradient
- General Groundwater Flow Direction
- Approximate Limit of Saturated Alluvium
- Approximate Location of Fault Trace is Inferred and There is No Surface Expression (Stamos et al. 2001)
- Estimated Capture Zone
- In Situ Reactive Zone
- Agricultural Treatment Unit

NOTES:

1. Groundwater elevation contours represent the hydraulic gradient in the shallow zone of the Upper Aquifer. The shallow wells of nested completions (wells designated "A" or "S") were preferentially used for contouring. In all cases, the screened interval of the well was taken into account.
2. Groundwater level measurements for wells without an asterisk "*" are manual water level measurements collected between April 2 through May 8, 2020. Groundwater elevations for wells marked with an asterisk "*" are the averages of pressure transducer data collected at 30-minute intervals from April 1 through 30, 2020.

WORK CITED:

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California*. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3. Prepared in cooperation with the Mojave Water Agency.

MW-78S	Well ID
2,116.56	Groundwater Elevation
(2,106.41)	Groundwater Elevation Not Used for Contouring

0 500 1,000 Feet

N

FIGURE 3-1
GROUNDWATER ELEVATION CONTOURS IN THE SHALLOW ZONE OF THE UPPER AQUIFER, SOUTH HINKLEY VALLEY, SECOND QUARTER 2020

SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL SAMPLING RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA

T:_ENV\PGE_HINKLEY\GIS\GEC\MXD\GMP\2Q20\FINAL\FIG3-1_GWE_UUA_C_SIZED_GMP2Q20.MXD 07/10/2020

Area of 1-foot Contours

Groundwater west of the brown dashed line is within weathered and/or fractured bedrock

East Hinkley Valley
Average Gradient: 0.0021 foot/foot
Velocity Estimate Range: 0.01 to 4.39 foot/day
Average Groundwater Velocity Estimate: 1.17 foot/day or 428 feet/year

West Hinkley Valley
Average Gradient: 0.0058 foot/foot
Velocity Estimate Range: 0.06 to 4.48 foot/day
Average Groundwater Velocity Estimate: 1.57 foot/day or 574 feet/year

LEGEND:

- Monitoring Well
- Extraction Well Operated for More than 6 Days in April 2020 are Depicted as Active
- Inactive Groundwater Extraction Well
- Freshwater Injection Well
- Freshwater Supply Well
- Potentiometric Elevation Contours
- Average Groundwater Gradient
- General Groundwater Flow Direction
- Approximate Limit of Saturated Alluvium in Deep Zone of Upper Aquifer
- Approximate Location of Fault Trace is Inferred and There is No Surface Expression (Stamos et al. 2001)
- Estimated Capture Zone
- In Situ Reactive Zone
- Agricultural Treatment Unit

NOTES:

1. Groundwater elevation contours represent the hydraulic gradient in the deep zone of the Upper Aquifer. The deep wells of nested completions (wells designated "B" or "D") were preferentially used for contouring. In all cases, the screened elevation of the well was taken into account.
2. Groundwater level measurements for wells without an asterisk "*" are manual water level measurements collected between April 2 through May 6, 2020. Groundwater elevations for wells marked with an asterisk "*" are the averages of pressure transducer data collected at 30-minute intervals from April 1 through 30, 2020.

WORK CITED:

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California.* U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3. Prepared in cooperation with the Mojave Water Agency.

MW-78D	Well ID
2,123.17	Groundwater Elevation
(2,119.28)	Groundwater Elevation Not Used for Contouring

N

0 500 1,000 Feet

FIGURE 3-2
GROUNDWATER ELEVATION CONTOURS IN THE DEEP ZONE OF THE UPPER AQUIFER, SOUTH HINKLEY VALLEY, SECOND QUARTER 2020

SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL SAMPLING RESULTS SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA

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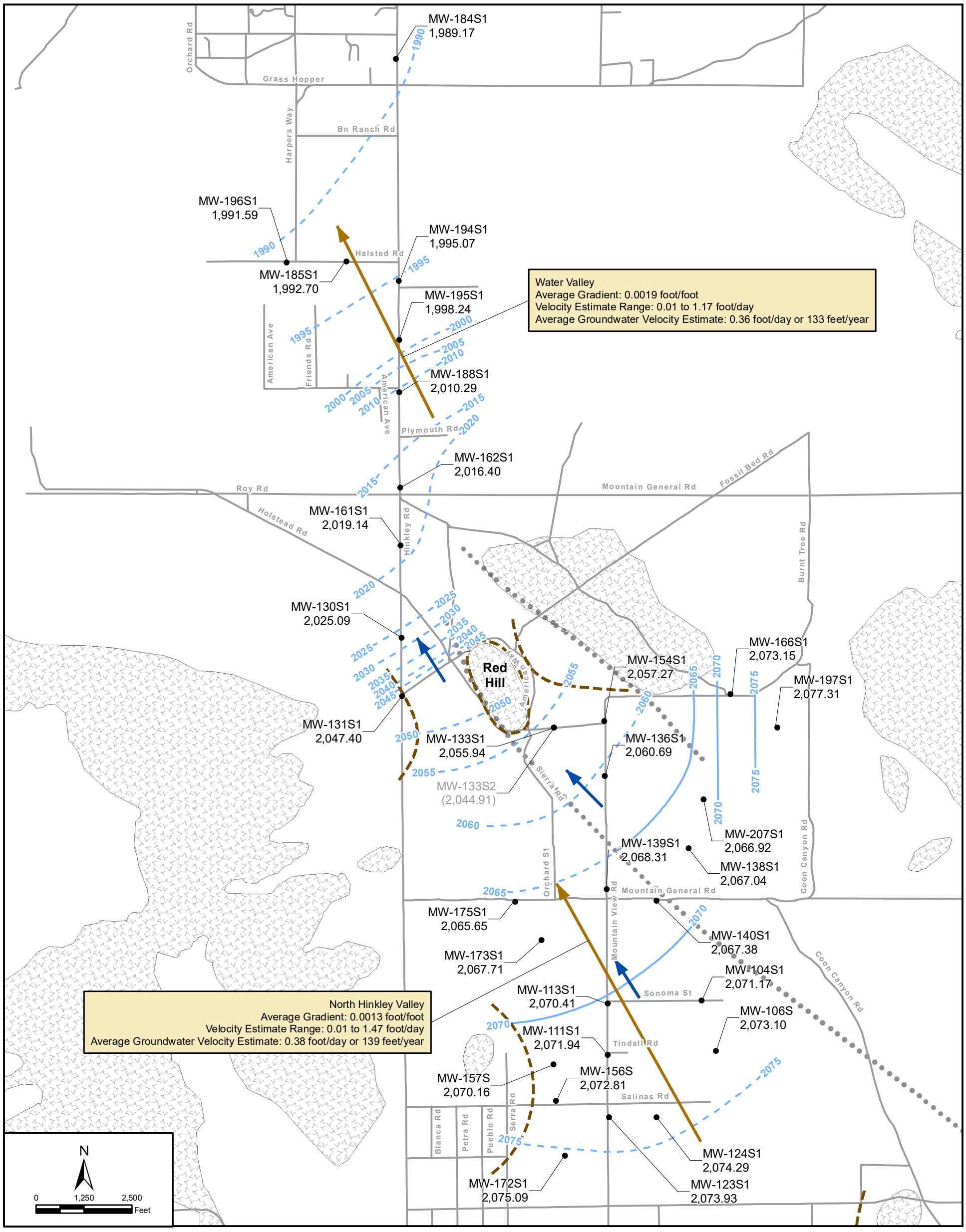


LEGEND:

- Monitoring Well
- Approximate Limit of Upper Aquifer
- Approximate Location of Fault Trace is Inferred and There is No Surface Expression (Stamos et al. 2001)
- Potentiometric Elevation Contour (Dashed Where Inferred)
- Average Groundwater Gradient
- General Groundwater Flow Direction
- Bedrock Exposed at Ground Surface

NOTE:

1. Groundwater elevations were derived from manual water level measurements taken April 6 through May 7, 2020. Wells screened near the water table (S and S1) were preferentially used for contouring.

WORK CITED:

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California*. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3. Prepared in cooperation with the Mojave Water Agency.

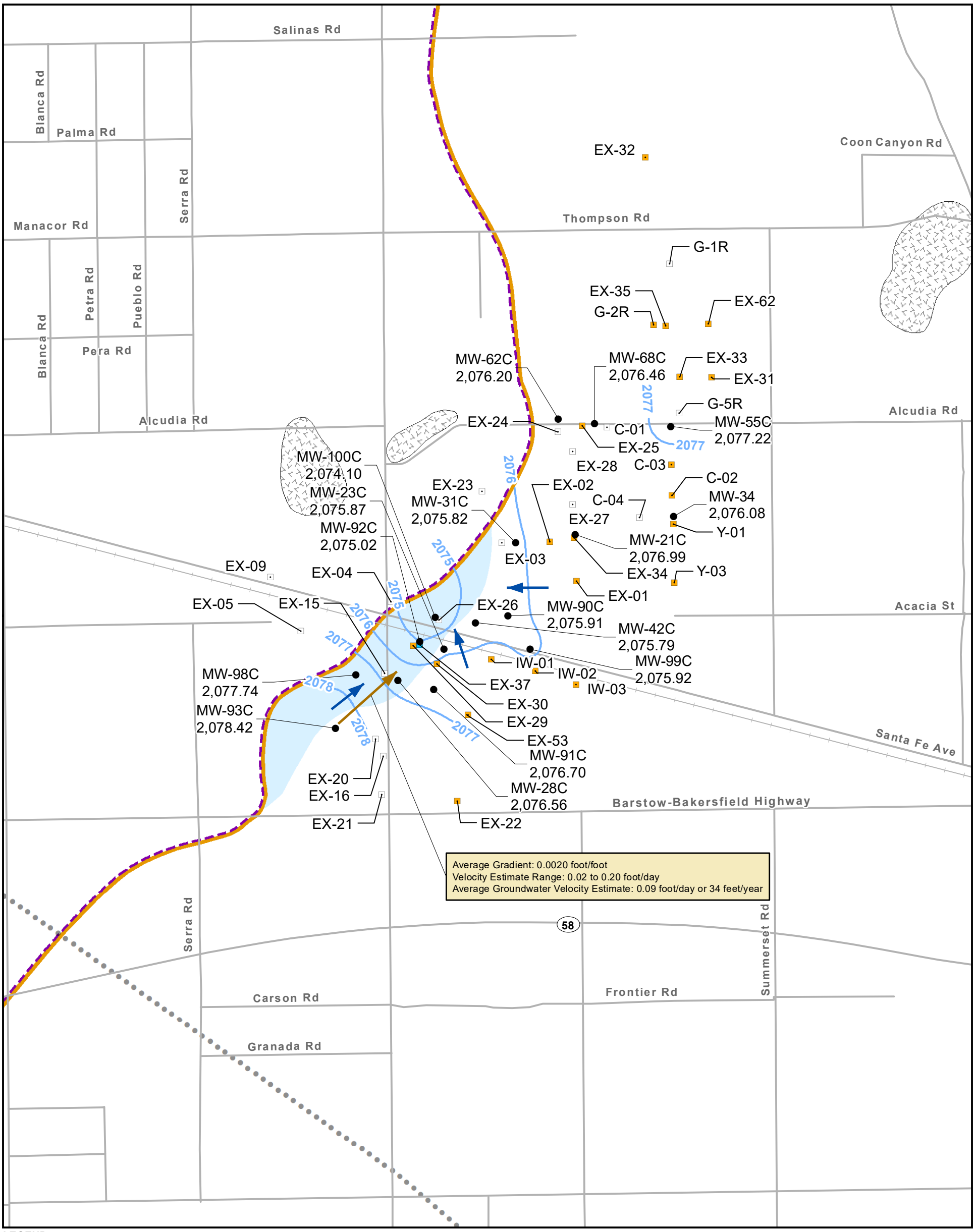
MW-123S1 Well ID
2,073.93 Groundwater Elevation

MW-133S2 Well ID
(2,044.91) Groundwater Elevation
Not Used in Contouring

FIGURE 3-3
GROUNDWATER ELEVATION CONTOURS IN THE UPPER AQUIFER, NORTH HINKLEY VALLEY AND WATER VALLEY, SECOND QUARTER 2020

SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL SAMPLING RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA



LEGEND:

- Monitoring Well
- Extraction Well Operated for More than 6 Days in April 2020 are Depicted as Active
- Inactive Groundwater Extraction Well
- Active Upper and Lower Aquifer Extraction Well
- Average Groundwater Gradient
- Interpreted Groundwater Flow Direction
- Bedrock Exposed at Ground Surface
- Approximate Western Occurrence of Blue Clay Forming the Lower Aquifer. The Blue Clay Aquitard is Intermittently Absent, Thin and Sandy in Portions of its Western Extent as Indicated by the Blue Shaded Area.
- Approximate Transitional Area where the Blue Clay is Intermittently Present, Thin and Sandy. The Blue Clay does not Function as an Aquitard in this area. Monitoring Wells in this Area are in Hydraulic Communication with the Upper Aquifer.
- Potentiometric elevation contours (dashed where inferred)
- Approximate Location of Fault Trace is Inferred and There is No Surface Expression (Stamos et al., 2001)

NOTES:

1. Groundwater elevation contours represent the hydraulic gradient in the Lower Aquifer.
2. Manual water level measurements were collected between April 7 through May 6, 2020.

WORKS CITED:

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California*. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3. Prepared in cooperation with the Mojave Water Agency.

MW-100C Well ID
2,074.10 Groundwater Elevation

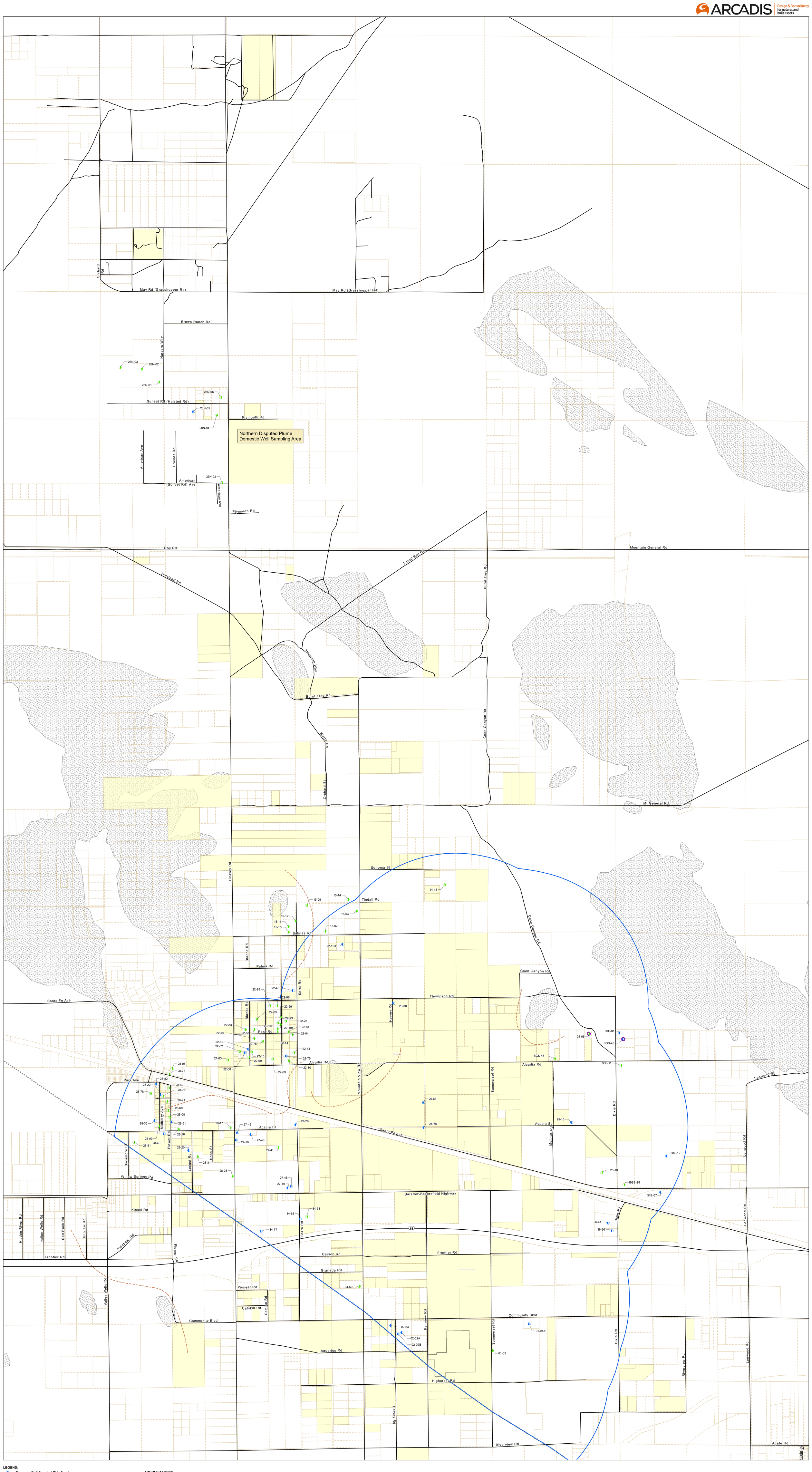
N

0 500 1,000 Feet

FIGURE 3-4
GROUNDWATER ELEVATION CONTOURS IN THE LOWER AQUIFER AND BEDROCK, SECOND QUARTER 2020

SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA



LEGEND:

- Domestic Well Sampled This Quarter
- Wells Not Sampled This Quarter
- Wells Purchased by PG&E During This Quarter
- PG&E-Owned Property
- PG&E Compressor Station
- County Parcel
- Approximate Limit of Saturated Alluvium Upper Aquifer
- Approximate Location of Lockhart Fault; Fault Trace is Inferred, and There is No Surface Expression (Stamos et al. 2001)
- Bedrock Exposed at Ground Surface
- EIR Mitigation Measure WTR-MM-2a Area Generated Using the First Quarter 2020 Plume Outline for Cr(VI)/Cr(T)

ABBREVIATIONS:

Cr(T)	Total Dissolved Chromium
Cr(VI)	Hexavalent Chromium
EIR	Environmental Impact Report
PG&E	Pacific Gas and Electric Company

WORK CITED:

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California*. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3. Prepared in cooperation with the Mojave Water Agency.

N

0 1,000 2,000 Feet

FIGURE 4-1
DOMESTIC AND OTHER PRIVATE WATER SUPPLY WELLS SAMPLED DURING SECOND QUARTER 2020

SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL SAMPLING RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA

T:_ENVPDE_HINKLEY\GIS\GEOMXD\GWPQ2020FINAL\FIG4-1_DOM_WELLS_SAMPLED_GWPQ2020.MXD 07/02/2020

ARCADIS Design & Consultancy for natural and built assets

Grass Hopper Rd
MW-184S3 (4.5/5.6)
MW-184S2 3.9/4.5
MW-184S1 2.4/2.3
MW-205S3 (3.5/3.7)
MW-205S2 4/4
MW-205S1 (3.8/3.9)
MW-196S3 (ND/ND)
MW-196S2 (3.5/3.9)
MW-196S1 4.2/4.1
MW-185S2 (3.7/4.5)
MW-185S1 4.5/4.7
MW-185S3 (3.8/4.2)
MW-194S1 3.2/5.1
MW-194S3 (ND/ND)
MW-194S2 (ND/ND)
MW-186S1 4.5/5.2
MW-186S2 3.4/4.6
MW-186S3 (4.3/4.6)
American Ave
Friends Rd
MW-195S3 (0.58/1.2)
MW-195S1 4.9/4.8
MW-195S2 (3.7/4.7)
Northern Disputed Plume Area
Sunset Rd
MW-188S3 (4.2/4.9)
MW-188S2 (1.7/2.1)
MW-188S1 6.7/6.8
MW-193S3 0.49/1.3
Plymouth Rd
MW-193S2 (3.6/4.2)
MW-193S1 (4.6/4.7)
The 3.1/3.2 - µg/L contour is shown as "- -?- -" where inferred and cannot be fully delineated by Second Quarter 2020 monitoring data.
Holstead Rd
MW-162S1 3.1/4.3
MW-162S2 (ND/ND)
MW-162S3 (ND/ND)
Mountain General Rd
Holstead Rd
MW-161S2 (3.1/3.4)
MW-161S3 (0.55/ND)
MW-161S1 3.4/3.5
Fossil Bed Rd
Burnt Tree Rd
MW-174S1 4.5/5.5
MW-174S3 (2.4/2.7)
MW-174S2 (2.2/2.3)
MW-212S2 (2.6/2.8)
MW-212S1 3.3/3.5
MW-130S2 (3.9/3.6)
MW-130S1 3.6/4
American Way
MW-131S1 2.5/3.2
MW-166S2 (ND/ND)
MW-166S1 0.35/1
MW-197S2 (ND/ND)
MW-197S1 2.3/2.4
MW-197S3 (ND/3.9)
Coon Canyon Rd
MW-154S1 6.2/5.8
MW-154S2 (2/2.1)
MW-133S1 7.6/7.2
Burnt Tree Rd
Northern Disputed Plume Area
MW-136S1 4/4.2
MW-136S2 (ND/ND)
Sierra Rd
MW-135S1 3.5/3.7
MW-135S2 (2.7/3.1)
MW-207S2 4/4
MW-207S1 (5.5/6.2)
MW-200S1 (0.88/1.5)
MW-200S2 (ND/ND)
MW-200S3 1.1/1.3
MW-137S1 (4.3/5.4)
MW-137S3 13/13
MW-137S2 (4.3/5.1)
MW-138S1 4.5/5
MW-138S2 (4.5/4.6)
Orchard St
MW-139S1 3.3/3.5
MW-139S2 (1.2/1.1)
MW-204S1 (3.1/3.4)
MW-140S3 (3.2/3.4)
MW-140S1 4.8/4.8
MW-219S1 3.7/3.8
MW-175S2 (3/3.3)
MW-175S1 3.2/3.8
MW-204S2 3.6/3.6
MW-140S2 (3.6/4.5)
MW-141S2 4.1/4.4
MW-141S1 (3.5/4.2)
MW-219S2 (0.51/ND)
Mountain General Rd
MW-173S1 3.5/3.6
MW-173S2 (3/3)
MW-142S2 (2.6/3.1)
MW-142S3 2.6/2.6
MW-142S1 (2.7/3.4)
MW-104S1 3.3/3.6
MW-113S2 (2.6/2.8)
MW-104S2 (2.8/3.1)
MW-226S 2.5/2.8
Sonoma St
MW-113S1 2.9/3
MW-106S 2.7/2.8
Hinkley Rd
MW-157S 1.7/2.3
MW-111S1 (2.3/2.4)
Tindall Rd
MW-111S2 2.1/2.8
MW-156S 1.1/2.2
Salinas Rd
Coon Canyon Rd
MW-123S1 (1.6/1.8)
MW-123S2 1.9/2.5 J J
MW-124S2 2/2.2 J
MW-124S1 2.6/3.1
MW-105S 3.1/4.2
MW-125S2 (1.6/1.9)
MW-125S1 2.2/2.8
MW-117S1 1.5/1.6
MW-117S2 1.4/2
MW-172S1 2.1/2.3
MW-172S2 ND/1.2
EX-32 2.1/2.1
MW-128S2 3.1/3.8
MW-128S1 7.5/7.9
MW-107S 2.4/2.8
Coon Canyon Rd
Blanca Rd
Palma Rd
Serra Rd
MW-171S 2.2/2.7
MW-126S2 1.5/2
MW-126S1 2.8/3.1
MW-127S2 1.7/1.8
MW-127S1 3.4/4
MW-128S3 1.6/2.1
MW-206S 3.5/4.6
MW-94S 6.1/6
MW-97S 7.1/6.9
Manacor Rd
Thompson Rd
MW-85S 1.1/1.9
MW-84S 1.9/3.1
MW-94D (3.6/4.5)
Blanca Rd
Petra Rd
Pueblo Rd
Pera Rd
MW-89S 1.9/3.1
G-2R 1.6/1.5
EX-35 3.9/4
MW-221S (5.3/6.2)
EX-62 5/5
MW-79S 7.1/7.4
MW-70S 0.72/1.6
MW-71S 0.72/2.5
MW-80S 1.4/1.3
MW-83D 2.3/2.5
MW-83S 3.5/4.7
MW-69S 0.34/ND
EX-33 2.8/2.5
MW-72S 4.4/4.4
MW-68S 1.7/2.1
MW-170S 1.6/2.2
MW-55S 1.9/2.5
EX-31 3.1/5.5
MW-96S 2.5/2.5
Alcudia Rd
SEE NOTE 3
MW-118S 2.7/2.9
DW-03 2.2/2.2
C-01 1.4/1.5
C-03 1.8/1.7
G-5R 1.4/1.5
MW-86S 4.2/4.6
MW-112S 3/3.4
MW-63 (1.1/1.5)
C-02 4.3/4.1
DW-02 1.7/2.8
MW-32S 1/2
Y-01 2.1/2
MW-87S 2.3/2.4
MW-214S ND/3.8
Park Ave
Mulberry Ave
MW-57 1.4/1.8
MW-21A 1.1/1.3
C-04 0.43/ND
MW-29 0.95/1.7
EX-04 1.3/2.1
Y-03 2.9/2.9
MW-213S 3.1/4
MW-110S 2.2/2.3
MW-215S 0.52/ND
Dixie Rd
Lenwood Rd
MW-164S 1.5/1.7
MW-147S ND/2.4
MW-148S 1.9/2.1
IN-01
MW-59 (1.3/1.8)
MW-47 1.3/1.6
EX-05 1.2/1.2
MW-88S 4.3/3.9
MW-50S 13/13
Acacia St
Acacia St
IN-05
MW-109 5/4.7
MW-23B 4.2/4.3
MW-201S 1/1.3
MW-168S 1.3/1.6
MW-58 ND/ND
IW-01 7.2/6.8
EX-30 2.3/2.2
IW-02 7.5/6.9
MW-41S 9.8/9.6
Summerset Rd
Sycamore St
Flower Rd
Locust Rd
Hope St
IN-02
EX-29 7.1/6.7
MW-66A 3.3/4.1
EX-15 0.94/ND
EX-20 1.3/1.7
MW-108D 2.6/2.9
IW-03 4.1/3.8
MW-216S 1.9/2.3
MW-202S 1.4/2.9
EX-36 0.98/23
MW-169S2 1.5/2
IN-06
MW-45A 0.74/1.2
EX-16 0.6/ND
EX-53 12/11
Santa Fe Ave
MW-121S 2.9/2.8
IN-03R
IN-03
EX-17 ND/ND
MW-54 (0.88/2.6)
MW-182S 3.8/4.4
EX-21 ND/ND
MW-49S 4.3/5.2
MW-95S 7/8
Willow Springs Rd
IN-04
MW-44A (DRY)
MW-183S 5.5/6.6
EX-22 36/34
MW-27A 12/11
MW-14A (1.9/1.9)
Barstow-Bakersfield Highway
CA-MW-601 50/48
CA-MW-412D 73/75
MW-76S 1.2/1.7
CA-MW-502 (4.6/4.6)
Kinski Rd
Hidden River Rd
Indian Wells Rd
Red Rock Rd
Hillview Rd
CA-MW-312D 42/41
CA-MW-506S 12/12
CA-MW-411S (ND/ND)
CA-MW-310S (ND/ND)
SC-MW-10S 0.97/1.6
SC-MW-09S (1.4/1.9)
SC-MW-08S (2.1/2.9)
CA-MW-317S (1.7/1.7)
MW-38A (DRY)
MW-75D 0.9/ND
CA-MW-313R 140/140
58
Rainbow Rd
Flower Rd
CA-MW-402S (25/24)
CA-MW-301
SC-MW-06S 1.4/1.7
MW-210S 28/27
EX-39 120/130
EX-51 70/70
SC-MW-04S 1/1.1
EX-52 14/14
EX-59 36/36
MW-05 1.4/1.7
SC-MW-16S (0.84/1.3)
MW-143S (DRY)
Frontier Rd
MW-37 0.86/3.1
MW-74D 3.7/4
MW-178S 130/120
MW-209S 30/30
MW-16 0.93/1
X-12 3.2/2.9
X-13 140/130
SC-MW-07S 2/3.1
Frontier Rd
Carson Rd
Granada Rd
MW-155S 1.2/1.6
SC-MW-42S ND/1.2
SC-MW-13S ND/ND
SC-MW-21S 290/290
SC-MW-44S 200/200
SC-MW-12S 340/340
MW-04 1.4/13
MW-180RS 59/61
EX-42 90/90
X-10 (23/21)
X-09 (4.2/3.9)
EX-50 70/69
EX-38 32/31
X-04 1.4/1.7
SC-MW-60S ND/ND
MW-211S 3.7/4.1
SC-MW-03M 0.92/1.9
SC-MW-15S
SC-MW-02M 5.4/6.2
EX-55 72/69
SC-MW-14S
MW-52 1.4/1.6
Coon Canyon Rd
Serra Rd
Approximate outline of Cr(VI) or Cr(T) concentrations in shallow zone of the Upper Aquifer exceeding 3.1 and 3.2 µg/L, respectively, Second Quarter 2020
Approximate outline of Cr(VI) or Cr(T) concentrations in shallow zone of the Upper Aquifer exceeding 10 µg/L, Second Quarter 2020
Approximate outline of Cr(VI) or Cr(T) concentrations in shallow zone of the Upper Aquifer exceeding 50 µg/L, Second Quarter 2020
Approximate outline of Cr(VI) or Cr(T) concentrations in shallow zone of the Upper Aquifer exceeding 1,000 µg/L, Second Quarter 2020
MW-208S 570/580
X-06 670/680
EX-54 (100/96)
SA-MW-11S 430/440
SA-MW-13S ND/2.4
X-05 13/12
SC-MW-01S (0.74/ND)
EX-56 13/13
MW-218S 0.88/1.4
MW-179S (6.3/6.7)
MW-179M 11/11
SA-MW-09S 0.46/5.7
SA-MW-25S (0.7/1.7)
EX-67 23/22
SA-MW-04S (ND/4.1)
MW-67B 0.56/ND
SA-MW-38S 240/240
SA-MW-17S 320/310
MW-220S ND/ND
Aquarius Rd
SA-MW-06S 170/180
SA-MW-01S ND/3
SA-MW-26S ND/ND
MW-177S 1.8/2.2
MW-01 ND/ND
MW-46M 0.68/1.2
PMW-04 (ND/6.2)
PMW-02 1000/1100
SA-MW-36S (ND/ND)
PMW-05 0.22/2.2
PGE-06 (0.94/ND)
SA-MW-37S (7.5/8.9)
SA-MW-27SR 0.9/1.3
BW-01S 9.8/9.5
Community Blvd
Riverview Rd
SEE NOTE 3
Valley Wells Rd
Highcrest Rd
SA-MW-41 ND/1.6
SA-MW-33S 27/27
MW-181S (0.85/ND)
MW-20 ND/ND
MW-15 120/140
SA-SM-01S ND/2.5
SA-SM-02S 730/700
SA-SM-03SR ND/13
SA-MW-39D 630/640
MW-78S 1.2/1.3
MW-17 100/99
SA-MW-34S 1.5/7.2
MW-217S 0.52/ND
SA-MW-35S (0.43/ND)
MW-39 ND/ND
EX-66 6.4/6.0
FW-02 (0.91/ND)
FW-01 (0.72/ND)
Mountain View Rd
Hervey Rd
Fairview Rd
Summerset Rd
FW-03 (0.2/ND)
FW-04 (0.24/ND)
Riverview Rd
Lenwood Rd

LEGEND:

- Monitoring Well
- Other Supply Well
- Groundwater Extraction Well (active)
- Multi-use Test Well, or Inactive Extraction/Injection Well
- Freshwater Injection Well
- PG&E Compressor Station
- Approximate Limit of Saturated Alluvium Upper Aquifer
- Approximate Location of Lockhart Fault; Fault Trace is Inferred, and There is No Surface Expression (Stamos et al. 2001)
- Bedrock Exposed at Ground Surface
- DRY Groundwater monitoring program well that has been dry for at least a year

MW-78S Well ID
1.2/1.3 Cr(VI)/Cr(T) concentrations in µg/L; maximum of primary and duplicate samples during Second Quarter 2020 sampling.
(14/15) Data in parentheses are from previous reporting period. See Table E-1 for sample dates.

Groundwater Cr(VI) concentrations in monitoring wells:

- More than 1,000 µg/L
- 100 to 1,000 µg/L
- 50 to 100 µg/L
- 10 to 50 µg/L
- 3.1 to 10 µg/L
- Less than 3.1 µg/L or ND

ABBREVIATIONS:

µg/L	Micrograms per Liter
Cr(VI)	Hexavalent Chromium
Cr(T)	Total Dissolved Chromium
J	Estimated Result
ND	Not Detected
NS	Not Sampled
PG&E	Pacific Gas and Electric Company

NOTES:

1. Chromium results are shown for Site-wide Groundwater Monitoring Program and domestic wells sampled in the Second Quarter (April through June) 2020 monitoring period. For wells sampled multiple times during the reporting period, the most recent results are shown.
2. Chromium plume contours in the general area south of Highway 58 were developed using a larger set of monitoring data, which are presented in the Second Quarter 2020 Monitoring Report for the In Situ Reactive Zone and Northwest Freshwater Injection Projects (Arcadis 2020). Select wells from that program are shown here for reference.
3. Pursuant to the Lahonton Regional Water Quality Control Board's Cleanup and Abatement Order dated November 4, 2015 (Water Board 2015), groundwater monitoring wells are not used for chromium contouring if they are located in the areas southwest of the Lockhart Fault and on or east of Dixie Road.
4. Extraction wells shown on this map may be screened across more than one depth interval (shallow and deep) and not representative of depth-specific conditions indicated by monitoring well data. Chromium concentrations for long-screen extraction wells may be higher than the depth-specific chromium plume outlines in areas where the primary contribution of chromium to the groundwater extraction wells are interpreted to originate from the deep zone of the Upper Aquifer.

WORK CITED:

Arcadis. 2020. Second Quarter 2020 Monitoring Report for the In Situ Reactive Zone and Northwest Freshwater Injection Projects, Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California, California Regional Water Quality Control Board, Lahontan Region Order No. R6V-2008-0014 (Waste Discharge Requirements Identification No. 6B369107001). July 30.

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California*. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3. Prepared in cooperation with the Mojave Water Agency.

Water Board. 2015. Cleanup and Abatement Order No. R6V-2015-0068 Requiring Pacific Gas and Electric Company to Cleanup and Abate Waste Discharges of Total and Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit. November 4.

N

0 1,000 2,000 Feet

FIGURE 5-1
CHROMIUM RESULTS FOR GROUNDWATER MONITORING WELLS COMPLETED IN THE SHALLOW ZONE OF THE UPPER AQUIFER, SECOND QUARTER 2020

SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA

T:_ENV\PGE_HINKLEY\GIS\GEC\MXD\GMP\2Q20\FINAL\FIG5-1_PLUMEMAP_UUA_2Q20.MXD 07/09/2020

ARCADIS Design & Consultancy for natural and built assets

Burnt Tree Rd
Sierra Rd
Orchard St
Coon Canyon Rd
Mountain General Rd
MW-204D (0.44/ND)
MW-175D (2.5/2.9)
MW-173D (0.83/ND)
MW-141D (ND/ND)
Hinkley Rd
MW-113D (ND/ND)
Sonoma St
MW-104D (ND/ND)
MW-226D ND/ND
MW-111D (ND/ND)
Tindall Rd
MW-106D (ND/ND)
Salinas Rd
Blanca Rd
Palma Rd
Serra Rd
MW-124D (0.98/ND)
MW-105D ND/ND
MW-117D (ND/ND)
MW-107D (ND/ND)
Coon Canyon Rd
SEE NOTE 3
Manacor Rd
MW-171D2 (ND/ND)
MW-171D1 (ND/5)
MW-85D ND/ND
MW-84D ND/ND
Thompson Rd
G-1R ND/ND
MW-89D 0.52/ND
Petra Rd
Pueblo Rd
Pera Rd
MW-70D 0.77/ND
MW-71D 0.068/ND
MW-69D 1.5/1.8
EX-25 2.9/2.9
MW-68D 1.2/1.6
C-01 1.4/1.5
MW-62A 1.4/2.1
MW-55A 0.68/ND
Alcudia Rd
Park Ave
Mulberry Ave
MW-203D 0.88/3.7
MW-86D 1.9/3.1
Summerset Rd
MW-214D ND/ND
EX-23 2.2/2.9
EX-27 4.7/4.8
MW-43 2.4/2.6
MW-32B1 3.5/3.4
MW-21B1 4.9/5.1
MW-31 2.1/2.6
C-04 0.43/ND
EX-34 6.8/7.1
EX-03 0.67/1.9
EX-02 5.1/5.3
MW-57D 1.9/2.2
EX-04 1.3/2.1
MW-87D 1.7/2.1
MW-213D ND/ND
MW-42B2 5.1/5.4
EX-01 16/14
MW-42B1 3.9/4.5
MW-50B 6.9/6.8
MW-88D 1.1/1.6
Acacia St
MW-215D 2.2/2.1
Dixie Rd
MW-164D ND/ND
MW-147D 1.7/2
EX-29 7.1/6.7
MW-47 1.3/1.6
MW-101D 5.3/5.3
EX-37 14/38
MW-30B2 5.8/5.8
MW-22B 7.5/7.1
MW-56 10/10
MW-168D (0.84/1.2)
EX-05 1.2/1.2
EX-15 0.94/ND
MW-201D (0.5/ND)
MW-169D (ND/ND)
MW-45B 1.2/1.8
MW-28B 4.1/4
EX-30 2.3/2.2
IW-01 7.2/6.8
IW-02 7.5/6.9
IW-03 4.1/3.8
EX-53 12/11
MW-216D 2.5/2.7
Approximate outline of Cr(VI) or Cr(T) concentrations in deep zone of the Upper Aquifer exceeding 10 µg/L, Second Quarter 2020
Santa Fe Ave
MW-116D1 1.6/2.3
EX-36 0.98/23
MW-153S 3.6/3.9
MW-121D 3.8/4
EX-20 1.3/1.7
EX-17 ND/ND
EX-16 0.6/ND
MW-108D 2.6/2.9
MW-10 6.7/6.1
MW-49A 4.7/5.7
MW-49B 2.1/2.5
Sycamore St
Flower Rd
Locust Rd
Hope St
Willow Springs Rd
MW-183D 1.8/2
MW-14B 24/26
MW-09 1.6/1.6
MW-27B 5.3/5.7
MW-44B 1.4/2
EX-21 ND/ND
EX-22 36/34
MW-182D 2.4/3.2
Barstow-Bakersfield Highway
MW-122D ND/1.6
SEE NOTE 3
MW-38B 6.8/7.5
MW-13 (1.6/1.3)
CA-MW-510D 0.39/1.1
SC-MW-10D 1.8/2.3
CA-MW-315D (64/62)
CA-MW-107D ND/ND
SC-MW-09D 1.7/2.2
MW-102D 2.5/3
SC-MW-06D 1.3/1.7
SC-MW-38D 15/15
SC-MW-05D 1.2/1.9
MW-75D 0.9/ND
Approximate outline of Cr(VI) or Cr(T) concentrations in deep zone of the Upper Aquifer exceeding 3.1 and 3.2 µg/L, respectively, Second Quarter 2020
CA-MW-405D (24/25)
58
Kinski Rd
Rainbow Rd
Flower Rd
CA-MW-412D2 ND/ND
MW-18 (2/2.2)
CA-MW-302D (120/130)
MW-12B (4.7/4.8)
SC-MW-07D 1.6/2.1
EX-39 120/130
SC-MW-04D 2.3/3.3
Serra Rd
Carson Rd
Frontier Rd
MW-178D 87/85
X-13 140/130
CA-MW-109D ND/ND
EX-51 70/70
SC-MW-26D 730/810
EX-52 14/14
Dixie Rd
MW-155D ND/1.1
MW-74D2 0.34/ND
SC-MW-42D ND/ND
X-12 3.2/2.9
EX-42 90/90
EX-59 36/36
Granada Rd
MW-180RD 4.7/6.9
MW-11B 0.25/1.1
X-09 (4.2/3.9)
SC-MW-16D (1.1/1.6)
SC-MW-03D 1.4/1.6
Approximate outline of Cr(VI) or Cr(T) concentrations in deep zone of the Upper Aquifer exceeding 50 µg/L, Second Quarter 2020
Approximate outline of Cr(VI) or Cr(T) concentrations in deep zone of the Upper Aquifer exceeding 1,000 µg/L, Second Quarter 2020
MW-73D 1/1.7
SC-MW-13D 2.3/3.2
EX-38 32/31
EX-50 70/69
EX-60 260/290
SC-MW-15D (0.89/1.5)
SC-MW-11D ND/ND
SC-MW-12D ND/ND
PT2-MW-10 ND/3.1
EX-61 110/110
EX-54 (100/96)
SC-MW-02D 4.3/5.4
EX-55 72/69
SC-MW-14D (0.59/2.1)
X-04 1.4/1.7
SA-MW-11D (78/75)
SA-MW-15D (70/70)
Community Blvd
MW-36 9.3/9
SC-MW-01D 0.69/1.1
EX-56 13/13
SA-MW-18D (0.7/1.3)
X-05 13/12
MW-03 17/16
SA-MW-38D 360/360
Aquarius Rd
MW-179D 23/23
MW-218D 0.43/ND
MW-220D 0.2/ND
SA-MW-10D 410/400
SA-MW-07D 290/300
SA-MW-20D ND/2.9
EX-67 23/22
SA-MW-26D 0.9/1.5
SA-MW-05D 290/300
PMW-03 ND/2.8
MW-177D 1.6/1.9
SA-MW-25D 0.77/2.4
SA-MW-36D (8.7/8.9)
Highcrest Rd
SA-SM-07D (200/210)
SA-MW-27D 2.6/2.9
MW-17D (1.7/1.7)
EX-66 6.4/6.0
MW-181D (1.1/1.3)
PGE-06 (0.94/ND)
SA-MW-34D (0.77/1.1)
FW-03 (0.2/ND)
FW-04 (0.24/ND)
SA-SM-08D ND/2.5
BW-01D 2.2/2.5
MW-217D ND/ND
SA-SM-11D (ND/2.5)
Mountain View Rd
Fairview Rd
SA-MW-35D (7.8/7.2)
SA-MW-37D 5.9/7.1
MW-78D (1.6/1.6)
MW-39D ND/ND
FW-02 (0.91/ND)
FW-01 (0.72/ND)
Riverview Rd
Hervey Rd
Summerset Rd
Riverview Rd

LEGEND:

- Groundwater Monitoring Well
- Agricultural Supply Well
- Other Supply Well
- Groundwater Extraction Well
- Multiuse Test Well, or Inactive Extraction/Injection Well
- Freshwater Injection Well
- PG&E Compressor Station
- Approximate Limit of Saturated Alluvium Upper Aquifer
- Approximate Location of Lockhart Fault; Fault Trace is Inferred, and There is No Surface Expression (Stamos et al. 2001)
- Bedrock Exposed at Ground Surface

MW-36 Well ID
9.3/9 Cr(VI)/Cr(T) concentrations in µg/L; maximum of primary and duplicate samples during Second Quarter 2020 sampling.
(1.6/1.6) Data in parentheses are from previous reporting period.
See Table E-1 for sample dates.

Groundwater Cr(VI) concentrations in monitoring wells:

- More than 1,000 µg/L
- 100 to 1,000 µg/L
- 50 to 100 µg/L
- 10 to 50 µg/L
- 3.1 to 10 µg/L
- Less than 3.1 µg/L or ND

ABBREVIATIONS:

µg/L	Micrograms per Liter
Cr(VI)	Hexavalent Chromium
Cr(T)	Total Dissolved Chromium
J	Estimated Result
ND	Not Detected
NS	Not Sampled
PG&E	Pacific Gas and Electric Company

NOTES:

1. Chromium results are shown for Site-wide Groundwater Monitoring Program and domestic wells sampled in the Second Quarter (April through June) 2020 monitoring period. For wells sampled multiple times during the reporting period, the most recent results are shown.
2. Chromium plume contours in the general area south of Highway 58 were developed using a larger set of monitoring data, which are presented in the Second Quarter 2020 Monitoring Report for the In Situ Reactive Zone and Northwest Freshwater Injection Projects (Arcadis 2020). Select wells from that program are shown here for reference.
3. Pursuant to the Lahonton Regional Water Quality Control Board's Cleanup and Abatement Order dated November 4, 2015 (Water Board 2015), groundwater monitoring wells are not used for chromium contouring if they are located in the areas southwest of the Lockhart Fault and on or east of Dixie Road.

WORK CITED:

Arcadis. 2020. Second Quarter 2020 Monitoring Report for the In Situ Reactive Zone and Northwest Freshwater Injection Projects, Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California, California Regional Water Quality Control Board, Lahontan Region Order No. R6V-2008-0014 (Waste Discharge Requirements Identification No. 6B369107001). July 30.

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California*. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3.Prepared in cooperation with the Mojave Water Agency.

Water Board. 2015. Cleanup and Abatement Order No. R6V-2015-0068 Requiring Pacific Gas and Electric Company to Cleanup and Abate Waste Discharges of Total and Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit. November 4.

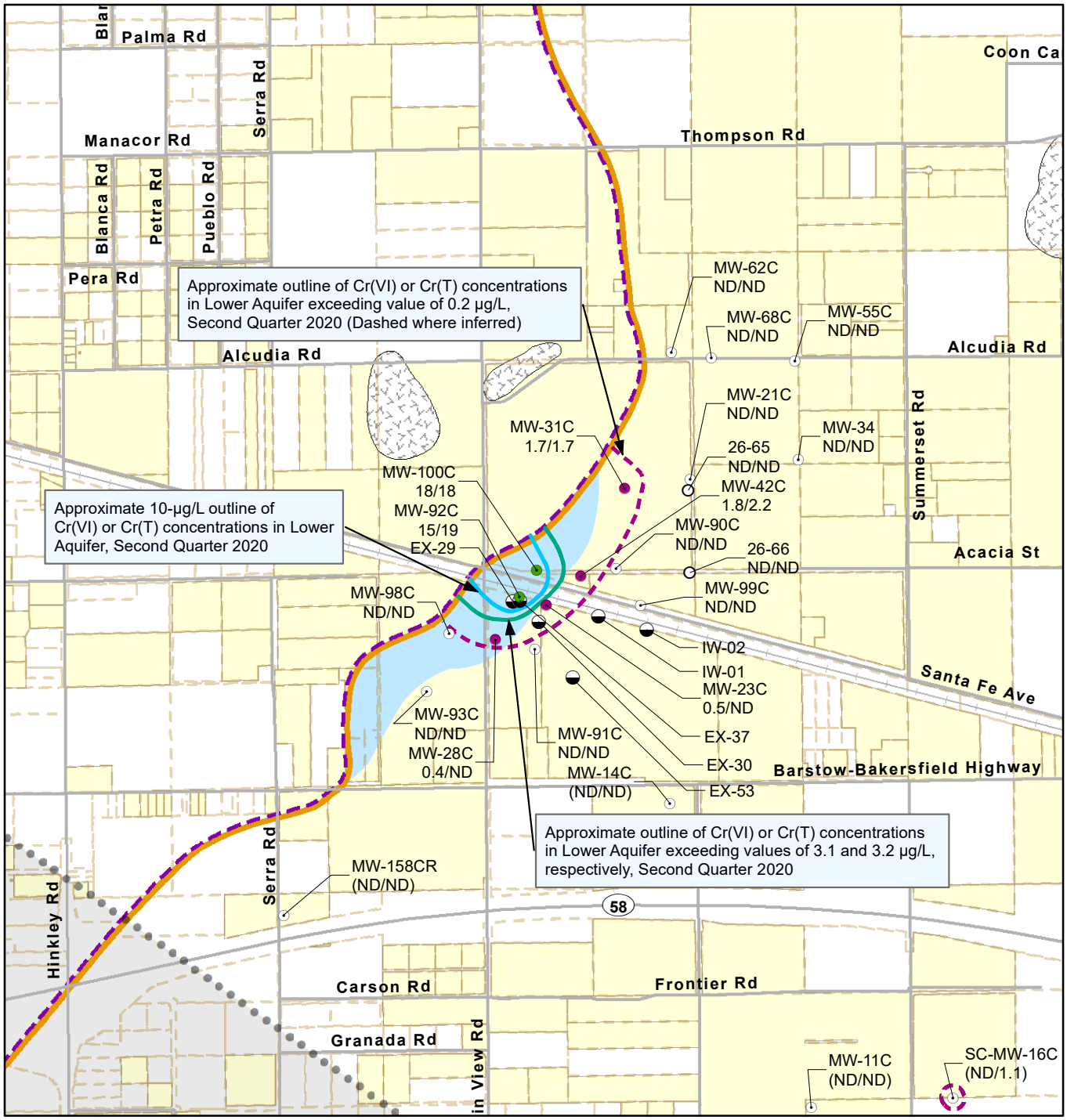
N

0 1,000 2,000 Feet

FIGURE 5-2
CHROMIUM RESULTS FOR GROUNDWATER MONITORING WELLS COMPLETED IN THE DEEP ZONE OF THE UPPER AQUIFER, SECOND QUARTER 2020

SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA



LEGEND:

- Extraction Well Operated for Lower Aquifer Remediation
- Lower Aquifer Groundwater Monitoring Well
- Bedrock Exposed at Ground Surface
- Approximate Western Limits of Blue Clay Occurrence. The Blue Clay does not begin to form an aquitard separating the Upper and Lower Aquifers until east of the blue shaded transitional area.
- Approximate Location of Lockhart Fault; Fault Trace is Inferred, and There is No Surface Expression (Stamos et al. 2001)
- PG&E-Owned Property
- PG&E Compressor Station
- Approximate Transitional Area where the Blue Clay is only intermittently present, thin and sandy. There is no Lower Aquifer in this area. Although identified as Lower Aquifer wells with "C" designations, monitoring wells in this area are screened across weathered bedrock at the base of the Upper Aquifer and are not Lower Aquifer monitoring wells.

MW-92C Well ID
15/19 Cr(VI)/Cr(T) concentrations in µg/L; maximum of primary and duplicate samples during Second Quarter 2020 sampling.
(ND/ND) Data in parentheses are from previous reporting period. See Table E-1 for sample dates.
EX-29 Extraction wells operated for Lower Aquifer remediation.

Groundwater Cr(VI) concentrations in monitoring wells:

- Greater than 10 µg/L
- 3.1 µg/L to 10 µg/L
- 0.2 µg/L to 3.1 µg/L
- Less than 0.2 µg/L or ND

ABBREVIATIONS:

µg/L	Micrograms per Liter
Cr(VI)	Hexavalent Chromium
Cr(T)	Total Dissolved Chromium
ND	Not Detected
PG&E	Pacific Gas and Electric Company

NOTES:

1. Chromium concentration contours are based on April through June 2020 sampling of groundwater monitoring wells. Results are shown for wells completed in the Lower Aquifer (saturated zone below the Blue Clay aquitard). The Blue Clay is thin, sandy or absent in portions of its western extent. In these areas, Lower Aquifer monitoring wells may be in hydraulic communication with the Upper Aquifer.

WORK CITED:

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California*. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3. Prepared in cooperation with the Mojave Water Agency.

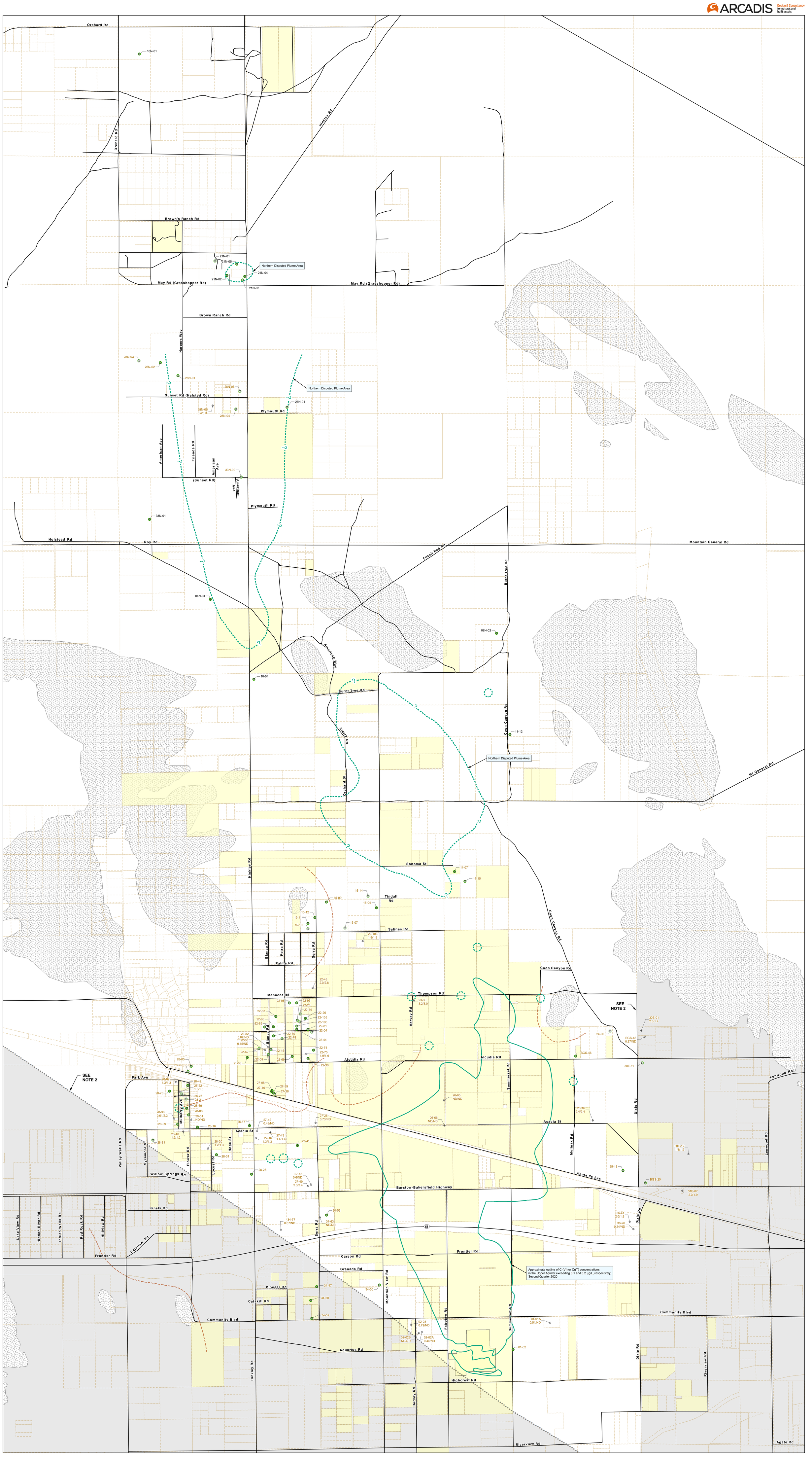
N

0 1,000 2,000 Feet

FIGURE 5-3
CHROMIUM RESULTS FOR LOWER AQUIFER AND BEDROCK GROUNDWATER MONITORING AND DOMESTIC WELLS, SECOND QUARTER 2020

SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA



LEGEND:

- Domestic Supply Well (active and inactive)
- Wells Not Sampled This Quarter (Within CAO R6V-2015-0068 Monitoring and Reporting Program Requirements)
- Approximate Limit of Saturated Alluvium Upper Aquifer
- Approximate Location of Lockhart Fault; Fault Trace is Inferred, and There is No Surface Expression (Stamos et al. 2001)
- County Parcel
- Bedrock Exposed at Ground Surface
- PG&E-Owned Property
- PG&E Compressor Station

02-02A, 0.44/ND — Well ID; Cr(VI)/Cr(T) concentrations in µg/L; maximum of primary and duplicate samples during Second Quarter 2020 sampling.

ABBREVIATIONS:

µg/L — Micrograms per Liter
Cr(T) — Total Dissolved Chromium
Cr(VI) — Hexavalent Chromium
ND — Not Detected

NOTES:

1. The chromium results shown for domestic and other private supply wells are from sampling conducted April through June 2020. For wells sampled multiple times during the reporting period, the most recent results are shown. See Table 4-3 for additional laboratory analytical results and information for the domestic well sampling program.
2. Pursuant to the Lahonton Regional Water Quality Control Board's Cleanup and Abatement Order dated November 4, 2015 (Water Board 2015), groundwater monitoring wells are not used for chromium contouring if they are located in the areas southwest of the Lockhart Fault and on or east of Dixie Road.

WORKS CITED:

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California*. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3. Prepared in cooperation with the Mojave Water Agency.

Water Board. 2015. Cleanup and Abatement Order No. R6V-2015-0068 Requiring Pacific Gas and Electric Company to Cleanup and Abate Waste Discharges of Total and Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit. November 4.

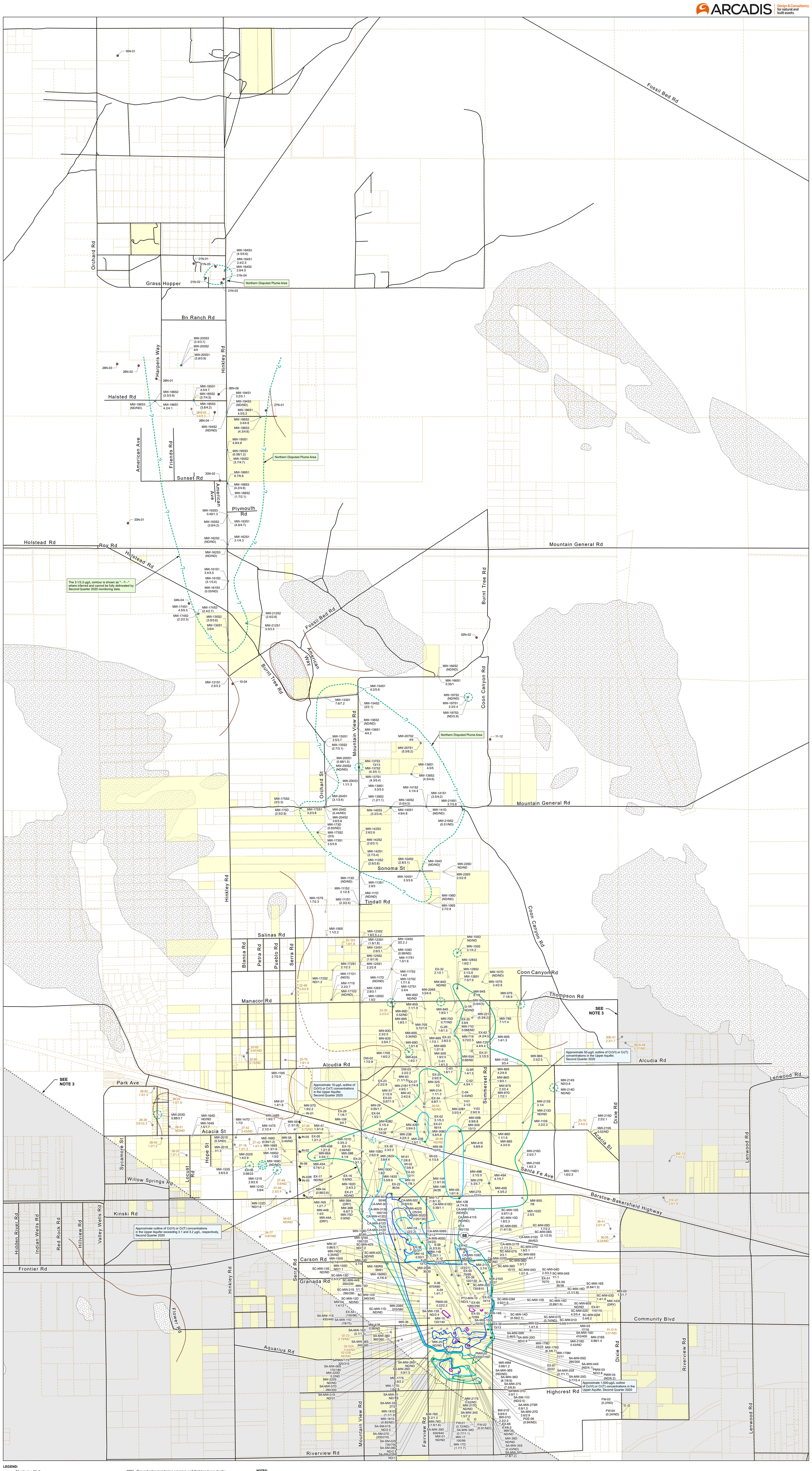
N

0 1,000 2,000 Feet

FIGURE 5-4
CHROMIUM RESULTS FOR SECOND QUARTER 2020 DOMESTIC WELL SAMPLING

SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA



LEGEND:

- Monitoring Well
- Domestic Supply Well (active and inactive)
- Other Supply Well
- Groundwater Extraction Well
- Multi-use Test Well, or Inactive Extraction/Injection Well
- Freshwater Injection Well
- Domestic Supply Well north of Mountain General Road (active and inactive)
- PG&E-Owned Property
- PG&E Compressor Station
- County Parcel
- Approximate Limit of Saturated Alluvium Upper Aquifer
- Approximate Location of Lockhart Fault
- Fault Trace is Inferred, and There is No Surface Expression (Stamos et al. 2001)
- Bedrock Exposed at Ground Surface

DRY Groundwater monitoring program well that has been dry for at least a year

SA-SM-02S Well ID
730/700 Cr(VI)/Cr(T) concentrations in µg/L; maximum of primary and duplicate samples during Second Quarter 2020 sampling.
(200/210) Data in parentheses are from previous reporting period. See Table E-1 for sample dates.

Groundwater Cr(VI) Concentrations in Monitoring Wells:

- More than 1,000 µg/L
- 100 to 1,000 µg/L
- 50 to 100 µg/L
- 10 to 50 µg/L
- 3.1 to 10 µg/L
- Less than 3.1 µg/L or ND

ABBREVIATIONS:

µg/L	Micrograms per Liter
Cr(VI)	Hexavalent Chromium
Cr(T)	Total Recoverable Chromium
J	Estimated result
ND	Not Detected
NS	Not Sampled

NOTES:

1. Chromium results are shown for Site-wide Groundwater Monitoring Program and domestic wells sampled in the Second Quarter (April through June) 2020 monitoring period. For wells sampled multiple times during the reporting period, the most recent results are shown.
2. The concentration contours are based on Second Quarter 2020 chromium results for the groundwater monitoring and extraction wells that are completed in the shallow zone and deep zone of the Upper Aquifer as noted on Figures 5-1 and 5-2. Results for domestic wells (brown-colored labels) were not used for chromium plume contouring, except for those in the northern disputed plume areas, pursuant to the Lahontan Regional Water Quality Control Board's Cleanup and Abatement Order dated November 4, 2015 (Water Board 2015).
3. Pursuant to the Lahontan Regional Water Quality Control Board's Cleanup and Abatement Order dated November 4, 2015 (Water Board 2015), groundwater monitoring wells are not used for chromium contouring if they are located in the areas southwest of the Lockhart Fault and on or east of Dixie Road. Monitoring wells sampled southwest of Lockhart Fault and east of Dixie Road were sampled in support of United States Geological Survey background chromium investigations.
4. Chromium plume contours in the general area south of Highway 58, were developed using a larger set of monitoring data which is presented in the Second Quarter 2020 Monitoring Report for the In Situ Reactive Zone and Northwest Freshwater Injection Projects (Arcadis 2020). Select wells from that program are shown here for reference.

WORK CITED:

Arcadis. 2020. Second Quarter 2020 Monitoring Report for the In Situ Reactive Zone and Northwest Freshwater Injection Projects. Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California, California Regional Water Quality Control Board, Lahontan Region Order No. R6V-2008-0014 (Waste Discharge Requirements Identification No. 6B369107001). July 30.

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California*. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3. Prepared in cooperation with the Mojave Water Agency.

Water Board. 2015. Cleanup and Abatement Order No. R6V-2015-0068 Requiring Pacific Gas and Electric Company to Cleanup and Abate Waste Discharges of Total and Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit. November 4.

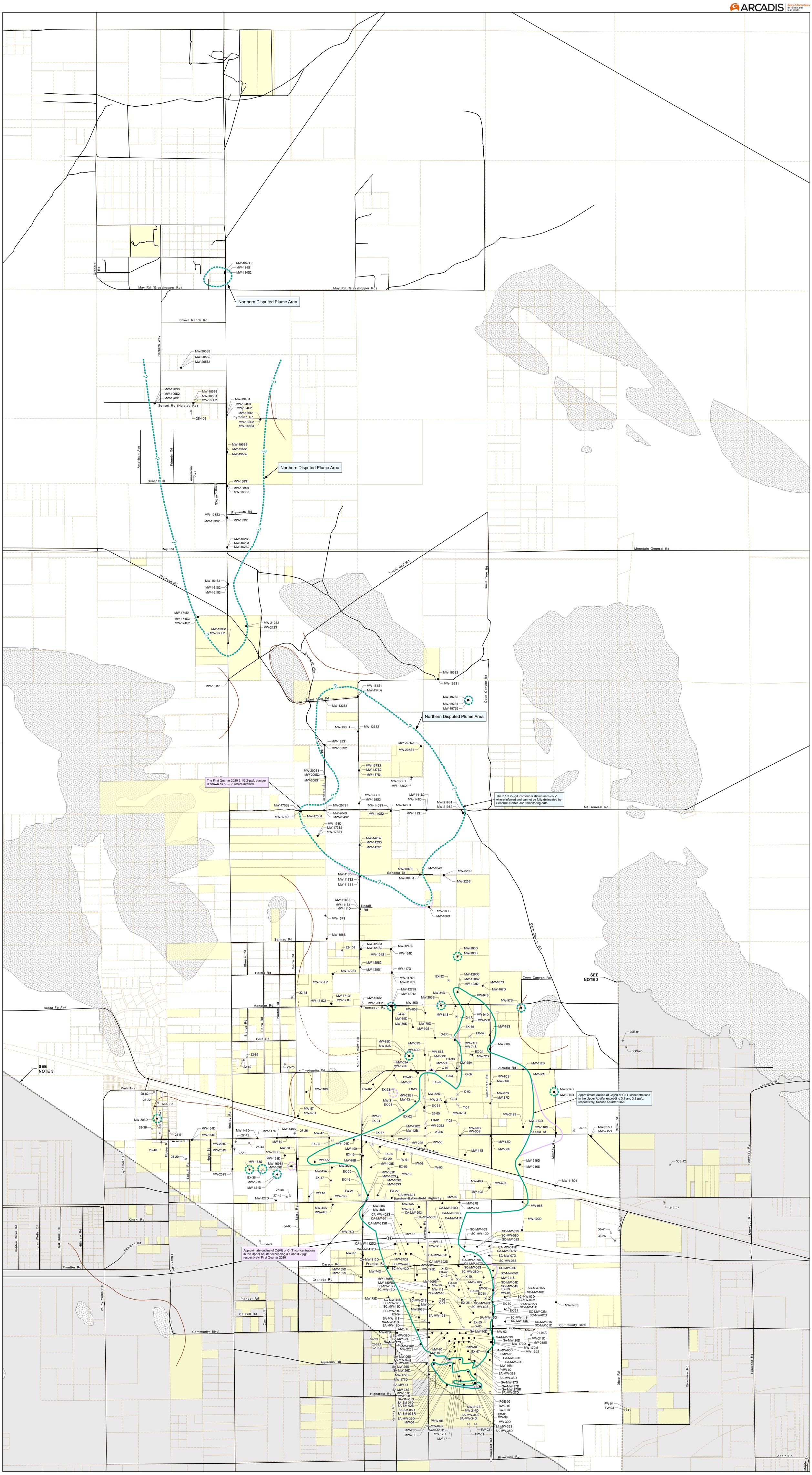
N

0 1,000 2,000 Feet

FIGURE 5-5
CHROMIUM RESULTS FOR SECOND QUARTER 2020 GROUNDWATER MONITORING AND DOMESTIC WELL SAMPLING AND MAXIMUM COMPOSITE PLUME OUTLINE IN UPPER AQUIFER

SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA



LEGEND:

- Groundwater Monitoring Well
- Domestic Supply Well (active and inactive)
- Other Supply Well
- Groundwater Extraction Well (active)
- Multi-use Test Well, or Inactive Extraction/Injection Well
- PG&E-Owned Property
- PG&E Compressor Station
- County Parcel
- Approximate Limit of Saturated Alluvium Upper Aquifer
- Approximate Location of Lockhart Fault; Fault Trace is Inferred, and There is No Surface Expression (Bamos et al. 2001)
- Bedrock Exposed at Ground Surface

ABBREVIATIONS:

µg/L Micrograms per Liter
Cr(T) Total Dissolved Chromium
Cr(VI) Hexavalent Chromium

NOTES:

1. The chromium plume outlines are shown based on all Upper Aquifer Site-wide Groundwater Monitoring Program monitoring wells sampled for their respective quarters. The First Quarter 2020 results were from January through March 2020 and Second Quarter 2020 results were from April through June 2020. Both chromium plume outlines were developed under the guidelines of the 2015 CAO (Water Board 2015).
2. Pursuant to the Lahonton Regional Water Quality Control Board's Cleanup and Abatement Order dated November 4, 2015 (Water Board 2015), groundwater monitoring wells are not used for chromium contouring if they are located in the areas southwest of the Lockhart Fault and on or east of Dixie Road. Monitoring wells sampled southwest of Lockhart Fault and east of Dixie Road were sampled in support of United States Geological Survey investigations.

WORKS CITED:

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California*. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3.

Water Board. 2015. Cleanup and Abatement Order No. R6V-2015-0068 Requiring Pacific Gas and Electric Company to Cleanup and Abate Waste Discharges of Total and Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit. November 4.

Prepared in cooperation with the Mojave Water Agency.

FIGURE 5-6
SECOND QUARTER 2020 MAXIMUM PLUME OUTLINE IN UPPER AQUIFER COMPARED TO FIRST QUARTER 2020

SECOND QUARTER 2020 GROUNDWATER MONITORING REPORT AND DOMESTIC WELL RESULTS
SITE-WIDE GROUNDWATER MONITORING PROGRAM

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA

T:_ENV\PGE_HINKLEY\GIS\GEOMXD\SMP2Q20\FINAL\FIG5-6_PLUME_COMPARISON_COMPLIANCE_2Q20.MXD 07/07/2020

APPENDIX A

Site-wide Groundwater Monitoring Well Information

Table A-1
Site-wide Groundwater Monitoring Well Information
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Time Period >	1988 - 1995	2002 - 2003	2004 - 2006	2007 - 2009	2010	2011 - 2016		2016 - PRESENT
Investigation Phase and Site Area	Initial RI / South, Central Initial Studies / East LTU New Ponds WDR / HCS	PDI 1 & 2 / South, Central, North Characterization / DVD LTU DVD Nitrate (Ryken WDR)	PDI 3 / South, Central, North Boundary Control / NW, North IRZ Pilot Tests / Source, East LTU Bedrock Characterization / NW Area	IRZ Monitoring / Central IRZ Monitoring / Source Area MW-62A Stepouts / Gorman - North DVD LA Characterization / DVD, Gorman, SCRIA Western Plume Delineation / Central & South	UA Stepouts / North (Summerset Rd) SCRIA Monitoring / Central IRZ Monitoring / Source Area	LA Delineation / DVD-Former Nelson UA Stepouts / North and Northern Basin UA Nitrate / Former Nelson UA Stepouts / Northwest and Southwest UA Stepouts / East (Dixie Rd)	UA Stepouts / North, East, and West	New upper aquifer monitoring wells performed under 2015 CAO
Groundwater Monitoring Wells Installed	**MW-01 through MW-20** MW-11C, MW-14C (LA) MW-2-2 through MW-2-6 PMW-01 through PMW-06	**MW-21 through MW-41** MW-21C, MW-23C, MW-34 (LA) DW-01, DW-02, DW-03	**MW-42 through MW-66** PT1-MW-, PT2-MW-, PT3-MW-xx MW-47BR, MW-65BR, MW-66BR NA-MW-01 through NA-MW-06 WA-MW-01 through WA-MW-04	**MW-67 through MW-76,** plus **CA-, SA-, SC-** MW-64 / Northwest MW-67 / Southwest MW-73 through MW-76 / West CA-MW-xxx SA-MW-xxx, BW-01 SC-MW-xxx MW-31C, MW-55C, MW-68C, SC-MW-16C (LA)	**MW-77 through MW-89**, includes: MW-77, MW-78 / South (HCS) MW-79, MW-80 / North (Summerset Rd) MW-81, MW-82 / Northwest MW-83 through MW-89 / North SA-MW-26, SA-MW-27, SA-MW-28	**MW-90 through MW-206**, includes: MW-90C through MW-93C (LA)/ South of DVD MW-94 through MW-101 / North MW-102, -103, -115, -116 / East MW-104 through MW-114, MW-117 / North MW-108, MW-109, MW-14S / Former Nelson MW-118 through MW-122 / Northwest MW-123 through MW-129 / Northern Basin MW-130 through MW-142 / Northern Basin MW-143 through MW-146, MW-151, MW-152 / East MW-147, MW-148, MW-153 / Northwest MW-149, MW-150, MW-155 / Southwest MW-154, MW-156, MW-157 / Northern Basin MW-158C, MW-159C, and MW-160C / Southwest MW-160S/D, MW-163 through MW-169 / West MW-161, MW-162, MW-166, and MW-170S / North MW-171 through MW-175 / North MW-176 / East	MW-141 / North MW-182, MW-183 / IRZ Area MW-184 through MW-186, MW-188 / North MW-187, MW-189 through MW-191, MW-199 / East MW-193 through MW-198, MW-200 / North MW-201 through MW-203 / West MW-204, MW-205 / North MW-206S / North MW-39D, MW-178 through MW-180 / IRZ Area MW-158SR, MW-158CR, MW-207 MW-207 MW-212	MW-213 S/D MW-214 S/D MW-215 S/D MW-216 S/D MW-217 S/D MW-218 S/D MW-219 S1/S2 MW-220 S/D MW-221S MW-226 S/D MW-46M, MW-179M SC-MW-02M, -03M SA-RW-57 SA-AW-01 SA-AW-02
Aquifer Zones Regional HSUs	**Aquifer Zone Designations used for Monitoring Wells Installed during Investigation Phases**							
UPPER AQUIFER	**A** **B**	*General Site* / *Ranch LTU*: **A** / **A1**, **A2**; **B** / **B**, **B**	MW-41A, MW-49A, MW-50A, MW-55A, MW-62A, MW-62B, MW-55B: Well IDs (A, B) were based on installation sequence at cluster location; not by aquifer stratigraphic interval	*North*: **A** *General Site*: **B**	*Western Delineation* / *General Site*: **A** / **S**; **B** / **D**	*General Site* / *North*: **S** / **S**; **D** / **Brown Clay (UA CCL)**, **D**	*General Site* / *North*: **S** / **S1**, **S2**, **S3**; **D** / **Brown Clay (UA CCL)**, **D1**, **D2**	
BLUE CLAY UNIT	**Blue Clay**	**Blue Clay**	**Blue Clay**	**Blue Clay**	**Blue Clay**	**Blue Clay** / **Blue Clay (LA CCL)**	**Blue Clay** / **Blue Clay (LA CCL)**	
LOWER AQUIFER	**C**	**C**	**C**	**C**	**C**	**C**	**C**	
BEDROCK			**BR**					

Abbreviations:
CAO = Cleanup and Abatement Order
CCL = confining clay layer
DVD = Desert View Dairy
IRZ = in-situ reactive zone
HCS = Hinkley Compressor Station
HSU = hydrostratigraphic unit
LA = lower aquifer
LTU = land treatment unit
PDI = plume delineation investigation
RI = remedial investigation
SCRIA = South Central Re-injection Area
UA = upper aquifer
WDR = Waste Discharge Requirement

ARCADIS Design & Consultancy for natural and built assets

SA-MW-02S+ <0.2/7.7
SA-MW-03S NS/NS
PT1-MW-04 260/300
MW-15 160/160
PT1-MW-01 <0.2/<1.0
SA-MW-04S+ <0.2/4.1
SA-MW-30S NS/NS
SA-MW-05S NS/NS
SA-MW-20S <0.2/<1.0
SA-MW-29D NS/NS
SA-MW-29S DRY
MW-20 <0.2/<1.0
SA-RW-28
PMW-06 NS/NS
SA-RW-50
SA-RW-29
SA-RW-03
PMW-04+ <0.2/6.2
SA-RW-31
SA-RW-04
SA-RW-32
SA-RW-19
SA-RW-33
SA-RW-20
SA-RW-51
SA-RW-01
SA-RW-02
SA-SM-01S <0.2/2.8
PMW-05+ 10/28
SA-RW-30
SA-AW-01
SA-AW-02
SA-RW-38
SA-SM-09S 49/45
SA-SM-02S 910/960
Pond 8
SA-SM-07S NS/NS
SA-SM-03SR+ <0.2/21
SA-RW-09
SA-SM-10S NS/NS
PMW-02 760/750
SA-MW-24S DRY 2.2/2.8 07//22/2019
SA-RW-05
SA-RW-06
SA-RW-07
SA-RW-08
SA-RW-10
SA-RW-46
SA-RW-47
SA-RW-48
SA-SM-03S DRY

Legend

- IRZ Injection Well
- Monitoring Well
- Dry Monitoring Well
- Approximate Locations of Proposed Angled Boring / Monitoring Well
- PG&E-Owned Property
- Chromium Concentrations Less than 3.1 µg/L
- Chromium Concentrations Between 3.1 and 10 µg/L
- Chromium Concentrations Between 10 and 50 µg/L
- Chromium Concentrations Between 50 and 100 µg/L
- Chromium Concentrations Between 100 and 500 µg/L
- Chromium Concentrations Between 500 and 1,000 µg/L
- Chromium Concentrations Equal to or Greater than 1,000 µg/L
- Inferred Concentration Contour

MW-15 160/160 — Well; Hexavalent Chromium/Total Dissolved Chromium Concentrations - January, February, or March 2020

Abbreviations:
IRZ= In Situ Reactive Zone
NS = Not Sampled
µg/L = Micrograms per Liter
< = Below Reporting Limit (as shown)

Notes:
1. Chromium concentration contours are from the First Quarter of 2020 (Arcadis 2020)
2. + Total dissolved chromium concentration data not used in contouring

Work Cited:
Arcadis. 2020. First Quarter 2020 Monitoring Report for the In Situ Reactive Zone and Northwest Freshwater Injection Projects, Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California, California Regional Water Quality Control Board, Lahontan Region Order No. R6V-2008-0014 (Waste Discharge Requirements Identification No. 6B369107001). April 30.

N

0 50 100 Feet

FIGURE I-2
NORTHERN SOURCE AREA INVESTIGATION

SECOND QUARTER 2020 MONITORING REPORT FOR THE IN SITU REACTIVE ZONE AND NORTHWEST FRESHWATER INJECTION PROJECTS

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA

RDD T:\RC000699.0001_PGE_HINKLEY\GIS\GEC\MXD\NON-ROUTINE FIGURES\RTA ACTION PLAN\FINAL\FIG2_NORTHERN SOURCE AREA INVESTIGATION.MXD 06/26/2020 2:05:01 AM

ARCADIS Design & Consultancy for natural and built assets

Boring No.: SA-AW-01

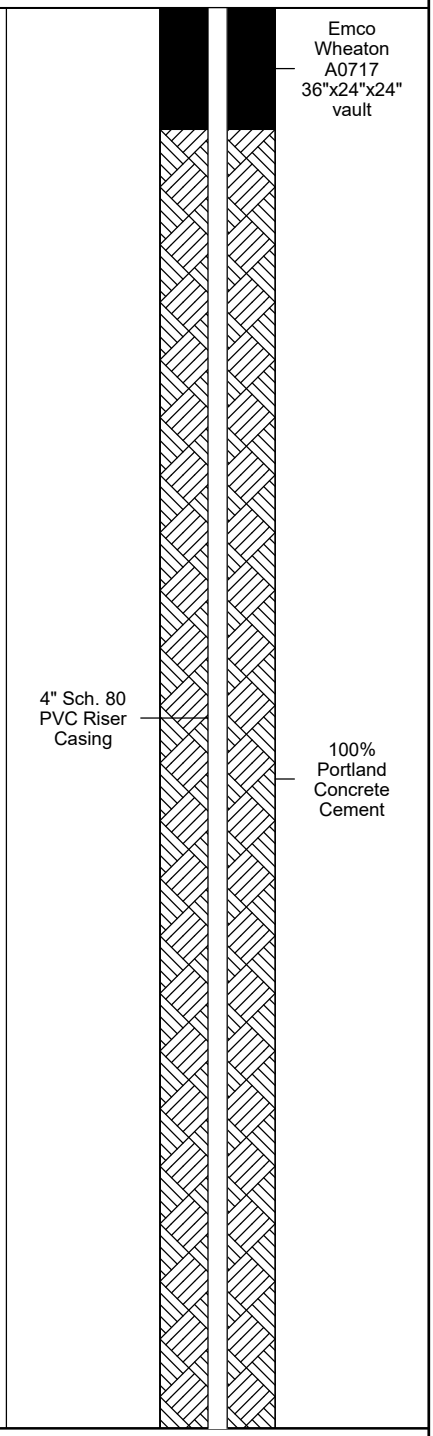
Soil Boring Log

Sheet: 1 of 5

Project Name: Hinkley - Northern SA Investigation
Project Number: 30053685
Project Location: 35863 Fairview Rd Hinkley CA 92347 US
Date Started: 06-09-2020
Date Completed: 06-18-2020
Logger: Valery Naskrent, Evan Melquist
PG Reviewer: Isaac Wood
Weather Conditions: Sunny, Slightly Windy, 69-103°F

Depth (feet)	Sample Interval	Recovery (in.)	USCS Class	Description
1–10		0		
10–11		0		
11–16		120		(11-15.5') Silty sand (SM), medium to coarse, subangular to subrounded, with little silt, trace gravel, trace clay, dry, 10YR 5/3 - brown.
16–17				(15.5-16) Sandy clay (CL), low to medium plasticity, no dilatancy, with little medium to coarse sand, subangular to subrounded, little silt, trace gravel, stiff, dry, 10YR 5/3 - brown.
17–19				(16-19') Silty sand (SM), medium to coarse, subangular to subrounded, with little silt, trace gravel, trace clay, dry, 10YR 5/3 - brown.
19–21				(19-21') Well-graded sand (SW), medium to coarse, subangular to subrounded, with trace gravel, trace silt, dry, 10YR 7/2 - light gray.
21–31		120		(21-31') Silty sand (SM), very fine to very coarse, subangular to subrounded, with little silt, trace gravel, subangular to subrounded, dry, 10YR 5/6 - yellowish brown.
31–34				(33-45') Well-graded sand (SW), fine to very coarse, with little gravel, subangular to subrounded, trace silt, dry, 10YR 5/6 - yellowish brown.

Well Construction Details



Drilling Co.: Cascade Environmental
Driller: Jose Hernandez
Drilling Method: Roto-Sonic
Drill Rig: 2000 Sterling
Remarks: The well was installed at a 45-degree angle from vertical; all depths are in linear feet except for the well vault. SA-AW-01 was drilled to a total depth of approximately 177 feet.

Sampling Method: Core Barrel
Sampling Interval: Continuous
First Encountered Water (ft btoc): 129
Static Water Level (ft btoc): 117.5
Converted to Well: Yes
Surface Elev: 2196.75
North Coor: 2153173.17
East Coor: 6813993.90

ARCADIS Design & Consultancy for natural and built assets

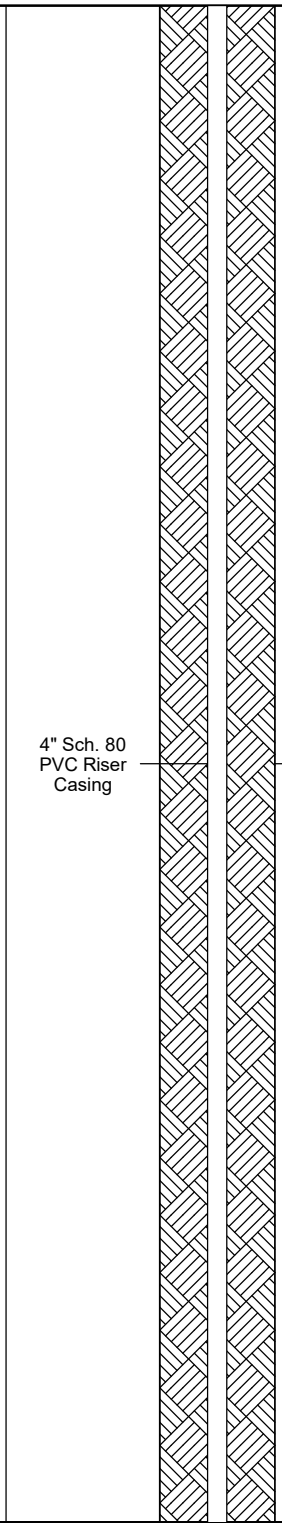
Boring No.: SA-AW-01

Soil Boring Log

Project Name: Hinkley - Northern SA Investigation
Date Started: 06-09-2020
Logger: Valery Naskrent, Evan Melquist
Project Number: 30053685
Date Completed: 06-18-2020
PG Reviewer: Isaac Wood
Project Location: 35863 Fairview Rd Hinkley CA 92347 US
Weather Conditions: Sunny, Slightly Windy, 69-103°F

Depth (feet)	Sample Interval	Recovery (in.)	USCS Class	Description
36		72		(33-45') Well-graded sand (SW), fine to very coarse, with little gravel, subangular to subrounded, trace silt, dry, 10YR 5/6 - yellowish brown.
37				
38				
39				
40				
41				
42		72		
43				
44				
45				
46				(45-48') Silty sand (SM), very fine to medium, subangular to subrounded, with little silt, trace clay, dry, 10YR 5/3 - brown.
47				
48				
49				
50		36		
51				
52				
53				
54				
55				
56		24		(55-61') Silty sand (SM), very fine to fine, subrounded to rounded, with little silt, trace clay, dry, 10YR 5/3 - brown.
57				
58				
59		48		
60				
61				
62				(61-65') Silty sand (SM), very fine to coarse, subrounded to rounded, with little silt, trace clay, dry, 10YR 5/3 - brown.
63				
64				
65				
66		120		(65-71') Silty sand (SM), very fine to medium, subrounded to rounded, with little silt, trace clay, dry, 10YR 5/3 - brown.
67				
68				
69				
70				
71				
72				(71-88') Silty sand (SM), very fine to medium, subrounded to rounded, with little silt, trace clay, dry, 10YR 5/3 - brown.

Well Construction Details



Remarks: The well was installed at a 45-degree angle from vertical; all depths are in linear feet except for the well vault. SA-AW-01 was drilled to a total depth of approximately 177 feet.

ARCADIS Design & Consultancy for natural and built assets

Boring No.: SA-AW-01

Soil Boring Log

Sheet: 3 of 5

Project Name: Hinkley - Northern SA Investigation
Date Started: 06-09-2020
Logger: Valery Naskrent, Evan Melquist
Project Number: 30053685
Date Completed: 06-18-2020
PG Reviewer: Isaac Wood
Project Location: 35863 Fairview Rd Hinkley CA 92347 US
Weather Conditions: Sunny, Slightly Windy, 69-103°F

Depth (feet)	Sample Interval	Recovery (in.)	USCS Class	Description	Well Construction Details
73–80		108		(71-88') Silty sand (SM), very fine to medium, subrounded to rounded, with little silt, trace clay, dry, 10YR 5/3 - brown.	
81–88		120			
89–90				(88-90') Silty sand (SM), very fine to medium, subrounded to rounded, with little silt, trace clay, dry, 10YR 5/3 - brown.	
91–95		108		(90-96') Silty sand (SM), very fine to very coarse, subangular to subrounded, with little silt, trace gravel, subangular to subrounded, dry, 10YR 5/3 - brown.	4" Sch. 80 PVC Riser Casing; 100% Portland Concrete Cement
96–99				(96-99') Silty sand (SM), very fine to very coarse, subangular to subrounded, with some silt, trace gravel, subangular to subrounded, dry, 10YR 5/3 - brown.	
100–104		96		(100-106') Well-graded sand (SW), fine to very coarse, subangular to subrounded, with trace gravel, subangular to subrounded, trace silt, moist, 10YR 5/6 - yellowish brown.	
105–107				(106-108') Well-graded sand (SW), medium to very coarse, subangular to subrounded, with little gravel, subangular to subrounded, trace silt, dry, 10YR 5/6 - yellowish brown.	
108–109				(108-110') Well-graded sand (SW), medium to very coarse, subangular to subrounded, with little gravel, subangular to subrounded, trace silt, trace clay, moist, 10YR 5/6 - yellowish brown.	

Remarks: The well was installed at a 45-degree angle from vertical; all depths are in linear feet except for the well vault. SA-AW-01 was drilled to a total depth of approximately 177 feet.

ARCADIS Design & Consultancy for natural and built assets

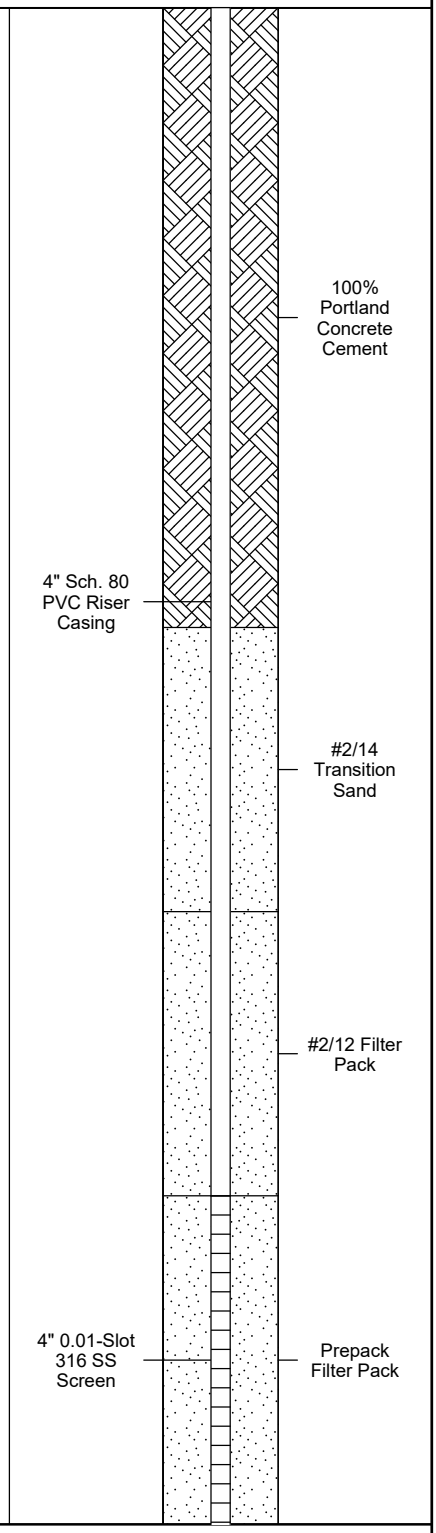
Boring No.: SA-AW-01

Soil Boring Log

Sheet: 4 of 5

Project Name: Hinkley - Northern SA Investigation
Project Number: 30053685
Project Location: 35863 Fairview Rd Hinkley CA 92347 US
Date Started: 06-09-2020
Date Completed: 06-18-2020
Logger: Valery Naskrent, Evan Melquist
PG Reviewer: Isaac Wood
Weather Conditions: Sunny, Slightly Windy, 69-103°F

Depth (feet)	Sample Interval	Recovery (in.)	USCS Class	Description
111–114		72	SW	(110-121') Well-graded sand (SW), fine to very coarse, subangular to subrounded, with trace gravel, subangular to subrounded, trace silt, dry, 10YR 5/4 - yellowish brown.
115–121		24	SW	
121–126		120	SW	(121-127') Well-graded sand (SW), fine to coarse, subangular to subrounded, with trace silt, moist, 10YR 5/4 - yellowish brown.
126–131			SP	(126-131') Poorly-graded sand (SP), very fine to fine, with trace silt, moist, 10YR 4/6 - dark yellowish brown.
131–136		120	SP	(131-137') Poorly-graded sand (SP), very fine to fine, with little silt, moist, 10YR 4/6 - dark yellowish brown.
136–139			SM	(137-139') Silty sand (SM), very fine to fine, with little silt, moist, 10YR 4/6 - dark yellowish brown.
139–141			SM	(139-143') Silty sand (SM), very fine to fine, with some silt, dry, 10YR 4/6 - dark yellowish brown.
141–142		72	ML	(141.5-142') Sandy silt (ML), no plasticity, no dilatancy, and very fine to fine sand, subrounded, very soft, moist, 10YR 4/4 - dark yellowish brown.
142–144			ML	(143-145.5) Sandy silt (ML), no plasticity, no dilatancy, with some very fine to fine sand, little clay, soft, moist, 2.5Y 5/4 - light olive brown.
144–147			ML	(145.5-157) Sandy silt (ML), no plasticity, no dilatancy, with some very fine to fine sand, little clay, very stiff, moist, 5Y 6/4 - pale olive.



Remarks: The well was installed at a 45-degree angle from vertical; all depths are in linear feet except for the well vault. SA-AW-01 was drilled to a total depth of approximately 177 feet.

ARCADIS Design & Consultancy for natural and built assets

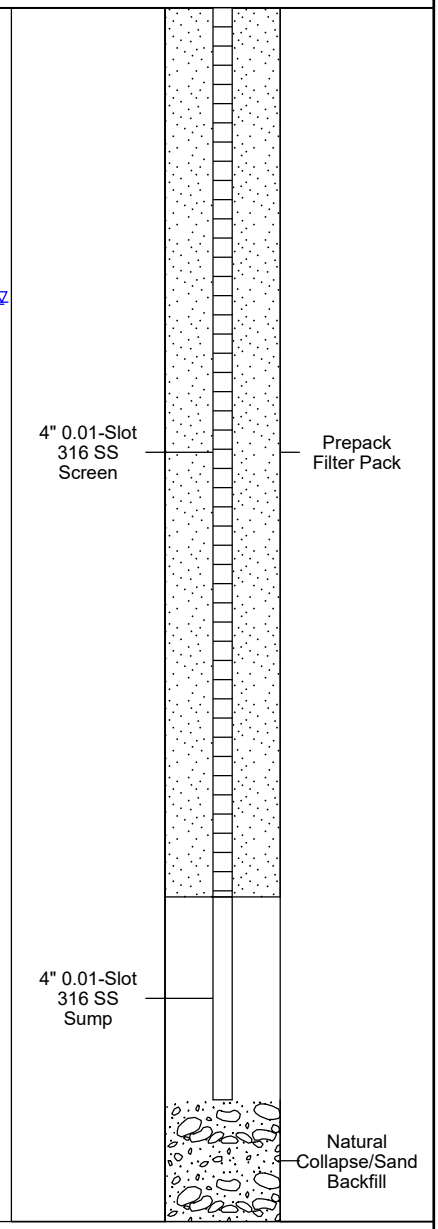
Boring No.: SA-AW-01

Soil Boring Log

Sheet: 5 of 5

Project Name: Hinkley - Northern SA Investigation
Date Started: 06-09-2020
Logger: Valery Naskrent, Evan Melquist
Project Number: 30053685
Date Completed: 06-18-2020
PG Reviewer: Isaac Wood
Project Location: 35863 Fairview Rd Hinkley CA 92347 US
Weather Conditions: Sunny, Slightly Windy, 69-103°F

Depth (feet)	Sample Interval	Recovery (in.)	USCS Class	Description
148		108		(145.5-157) Sandy silt (ML), no plasticity, no dilatancy, with some very fine to fine sand, little clay, very stiff, moist, 5Y 6/4 - pale olive.
149				
150				
151				
152				
153				
154				
155				
156				
157		60		(157-161') Silty clay (CL-ML), low plasticity, no dilatancy, with some silt, little very fine sand, very stiff, moist, 5Y 6/4 - pale olive.
158				
159				
160				
161				
162		96		(161-167.5) Sandy silt (ML), low plasticity, no dilatancy, with some very fine to fine sand, little clay, stiff, wet, 5Y 4/3 - olive.
163				
164				
165				
166				
167				
168				(167.5-169') Well-graded sand (SW), medium to very coarse, subangular to subrounded, moist, 2.5Y 5/3 - light olive brown.
169				
170		96		(169-174.5') Sandy silt (ML), no plasticity, no dilatancy, with some clay, little very fine to fine sand, medium stiff, moist, 2.5Y 5/3 - light olive brown.
171				
172				
173				
174				
175				(174.5-177') Silty clay (CL-ML), low plasticity, no dilatancy, with some silt, little very fine sand, stiff, moist, 2.5Y 5/3 - light olive brown.
176				
177				
178				
179				
180				
181				
182				
183				
184				



Remarks: The well was installed at a 45-degree angle from vertical; all depths are in linear feet except for the well vault. SA-AW-01 was drilled to a total depth of approximately 177 feet.

ARCADIS Design & Consultancy for natural and built assets

Boring No.: SA-AW-02

Soil Boring Log

Sheet: 1 of 5

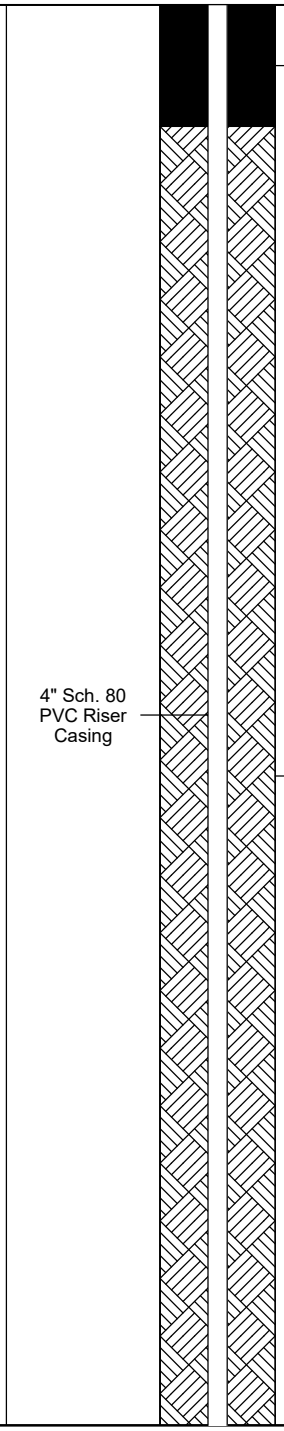
Project Name: Hinkley - Northern SA Investigation
Project Number: 30053685
Project Location: 35863 Fairview Rd Hinkley CA 92347 US

Date Started: 06-18-2020
Date Completed: 06-25-2020

Logger: Valery Naskrent, Minda Moe
PG Reviewer: Isaac Wood
Weather Conditions: Sunny, Slightly Windy, 66-107°F

Depth (feet)	Sample Interval	Recovery (in.)	USCS Class	Description
1–12		0		
13		120		(12-13') Silty sand (SM), very fine to very coarse, subangular to subrounded, with little silt, trace gravel, subangular to subrounded, trace clay, dry, 7.5YR 4/6 - strong brown.
14–18				(13-18') Silty sand (SM), very fine to very coarse, subangular to subrounded, with little silt, little gravel, subangular to subrounded, trace clay, dry, 10YR 3/6 - dark yellowish brown.
19–20				(18-20.5') Well-graded sand with silt and gravel (SW-SM), very fine to very coarse, angular to subrounded, with little gravel, angular to subrounded, little silt, dry, 2.5Y 5/4 - light olive brown.
21–22				(20.5-22') Silty sand (SM), very fine, angular to subrounded, with little silt, dry, 2.5Y 5/3 - light olive brown.
23		0		
24–31		93		(23-31') Silty sand (SM), very fine to very coarse, angular to subrounded, with little silt, trace gravel, angular to subrounded, trace clay, dry, 10YR 4/4 - dark yellowish brown.
32–35		12		(31-34.5') Silty sand (SM), very fine to medium, angular to subrounded, with little silt, dry, 10YR 5/4 - yellowish brown.

Well Construction Details



Drilling Co.: Cascade
Driller: Steve Vasquez
Drilling Method: Roto-Sonic
Drill Rig: 2000 Sterling
Remarks: The well was installed at a 45-degree angle from vertical; all depths are in linear feet except for the well vault. SA-AW-02 was drilled to a total depth of approximately 175 feet.

Sampling Method: Core Barrel
Sampling Interval: Continuous
First Encountered Water (ft btoc): 131
Static Water Level (ft btoc): 131.8
Converted to Well: Yes
Surface Elev: 2195.44
North Coor: 2153174.86
East Coor: 6814258.50

ARCADIS Design & Consultancy for natural and built assets

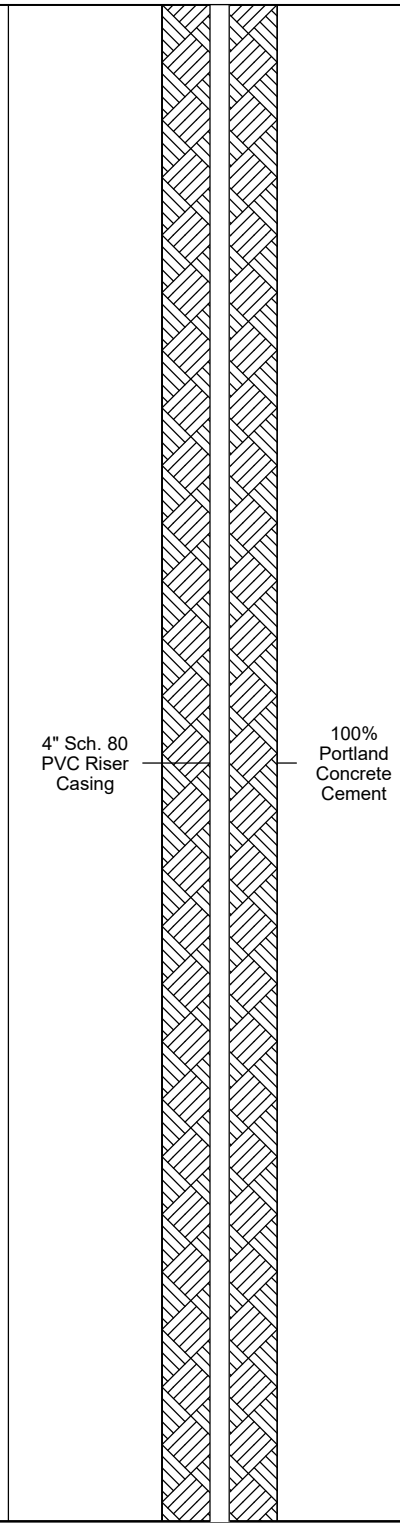
Boring No.: SA-AW-02

Soil Boring Log

Project Name: Hinkley - Northern SA Investigation
Date Started: 06-18-2020
Logger: Valery Naskrent, Minda Moe
Project Number: 30053685
Date Completed: 06-25-2020
PG Reviewer: Isaac Wood
Project Location: 35863 Fairview Rd Hinkley CA 92347 US
Weather Conditions: Sunny, Slightly Windy, 66-107°F

Depth (feet)	Sample Interval	Recovery (in.)	USCS Class	Description
36		116		(34.5-40') Silty sand (SM), very fine to very coarse, angular to subrounded, with little gravel, angular to subrounded, little silt, trace clay, dry, 10YR 4/6 - dark yellowish brown.
37				
38				
39				
40				
41				(40-42') Silty sand (SM), very fine to very coarse, angular to subrounded, with little silt, trace gravel, angular to subrounded, trace clay, dry, 10YR 4/3 - brown.
42				
43		84		(42-50.5') Well-graded sand with silt (SW-SM), very fine to very coarse, angular to subrounded, with little gravel, angular to subrounded, little silt, dry, 10YR 5/3 - brown.
44				
45				
46				
47				
48				
49				
50		36		(50.5-52.5') Silty sand (SM), very fine, with some silt, trace clay, dry, 10YR 5/3 - brown.
51				
52				
53		108		(52.5-58') Silty sand (SM), very fine to very coarse, subangular to subrounded, with little silt, trace gravel, subangular to subrounded, dry, 10YR 6/4 - light yellowish brown.
54				
55				
56				
57				
58				
59				(58-63') Poorly-graded sand (SP), very fine to fine, with trace silt, dry, 10YR 5/6 - yellowish brown.
60				
61				
62				
63		100		(63-64') Silty sand (SM), very fine to coarse, angular to subrounded, with little silt, dry, 10YR 5/6 - yellowish brown.
64				
65				(65-66') Silty sand (SM), very fine to coarse, with little silt, dry, 10YR 5/6 - yellowish brown.
66				(66-69') Silty sand (SM), very fine to very coarse, angular to subrounded, with some silt, trace gravel, angular to subrounded, dry, 10YR 5/6 - yellowish brown.
67				
68				
69				
70				(69-72') Silty sand (SM), very fine to medium, with little silt, trace clay, dry, 10YR 5/3 - brown.
71				
72				

Well Construction Details



Remarks: The well was installed at a 45-degree angle from vertical; all depths are in linear feet except for the well vault. SA-AW-02 was drilled to a total depth of approximately 175 feet.

ARCADIS Design & Consultancy for natural and built assets

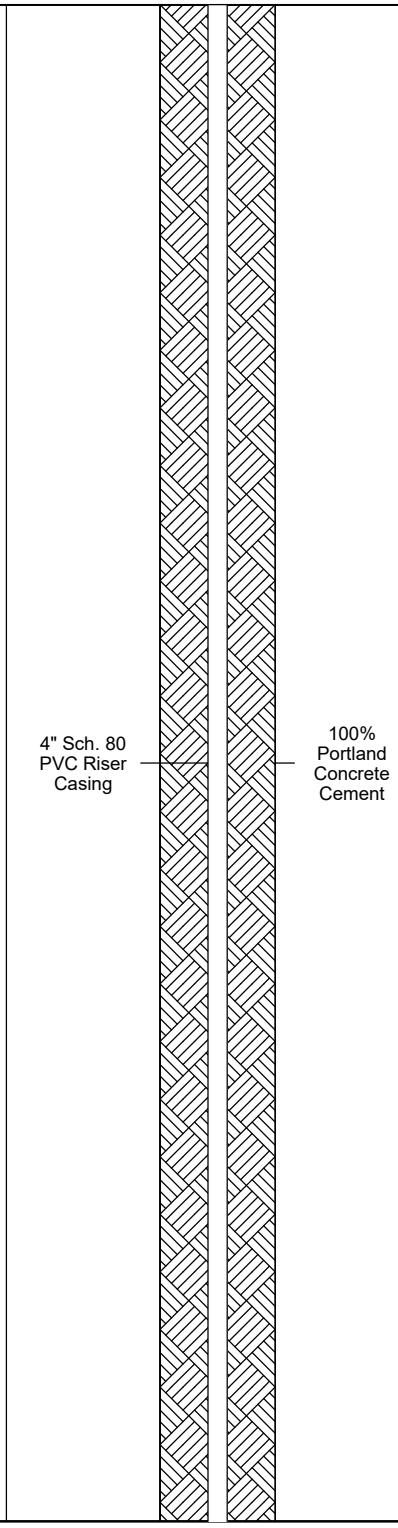
Boring No.: SA-AW-02

Soil Boring Log

Project Name: Hinkley - Northern SA Investigation
Date Started: 06-18-2020
Logger: Valery Naskrent, Minda Moe
Project Number: 30053685
Date Completed: 06-25-2020
PG Reviewer: Isaac Wood
Project Location: 35863 Fairview Rd Hinkley CA 92347 US
Weather Conditions: Sunny, Slightly Windy, 66-107°F

Depth (feet)	Sample Interval	Recovery (in.)	USCS Class	Description
73				(72-74') Silty sand (SM), very fine to fine, and silt, dry, 10YR 5/3 - brown.
74				(74-75.5') Clayey sand (SC), very fine to fine, with little clay, trace silt, dry, 10YR 5/6 - yellowish brown.
75				(75.5-80') Silty sand (SM), very fine to coarse, angular to subangular, with little silt, trace clay, dry, 10YR 5/4 - yellowish brown.
76				
77				
78		84		
79				
80				
81				(80-86') Clayey sand (SC), very fine to coarse, angular to subrounded, with some clay, little silt, trace gravel, angular to subrounded, dry, 10YR 5/6 - yellowish brown.
82				
83				
84				
85				
86				(86-86.5') Silty sand (SM), very fine to very coarse, angular to subrounded, and silt, trace clay, dry, 10YR 6/2 - light brownish gray.
87				(86.5-90.5') Silty sand (SM), very fine to very coarse, angular to subrounded, with some silt, dry, 10YR 5/8 - yellowish brown.
88				
89				
90		96		
91				
92				(90.5-92') Silty sand (SM), very fine to very coarse, angular to subrounded, with little silt, little gravel, angular to subrounded, dry, 10YR 6/6 - brownish yellow.
93				(92-96') Silty sand (SM), very fine to fine, subangular to subrounded, with little silt, trace gravel, angular to rounded, trace clay, dry, 10YR 6/4 - light yellowish brown.
94				
95				
96				
97				(96-98.5') Silty sand (SM), very fine to very coarse, angular to subrounded, with little silt, little gravel, angular to subrounded, dry, 10YR 6/6 - brownish yellow.
98		120		
99				(98.5-99.5) Clay with sand (CL), low plasticity, no dilatancy, with little very fine to coarse sand, subangular to subrounded, little silt, stiff, dry, 10YR 5/6 - yellowish brown.
100				(99.5-105') Silty sand (SM), very fine to very coarse, angular to subangular, with little silt, trace gravel, subangular to rounded, trace clay, dry, 10YR 6/6 - brownish yellow.
101				
102				
103				
104				
105				
106				(105-105.5') Silty sand (SM), very fine to very coarse, angular to subrounded, with little silt, little clay, trace gravel, subangular to rounded, moist, 10YR 6/3 - pale brown.
107		120		(105.5-108') Well-graded sand with gravel (SW), very fine to very coarse, angular to subrounded, with little gravel, subangular to rounded, trace silt, moist, 10YR 5/6 - yellowish brown.
108				
109				(108-108.5) Silt (ML), , with little coarse to very coarse sand, subangular to rounded, trace gravel, subangular to rounded, dry, 10YR 8/1 - white.

Well Construction Details



Remarks: The well was installed at a 45-degree angle from vertical; all depths are in linear feet except for the well vault. SA-AW-02 was drilled to a total depth of approximately 175 feet.

ARCADIS Design & Consultancy for natural and built assets

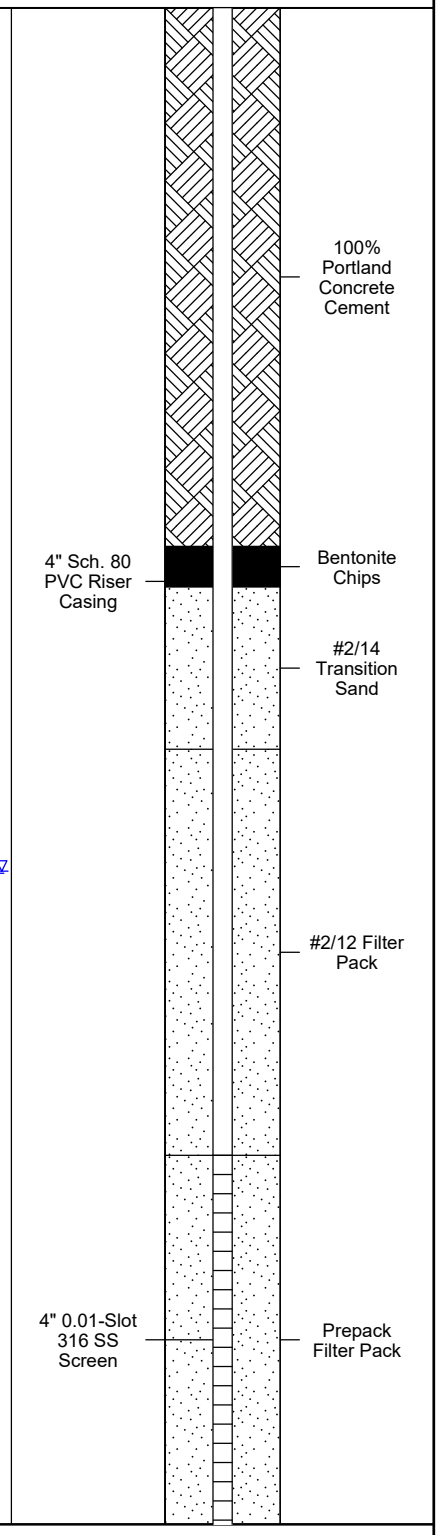
Boring No.: SA-AW-02

Soil Boring Log

Sheet: 4 of 5

Project Name: Hinkley - Northern SA Investigation
Date Started: 06-18-2020
Logger: Valery Naskrent, Minda Moe
Project Number: 30053685
Date Completed: 06-25-2020
PG Reviewer: Isaac Wood
Project Location: 35863 Fairview Rd Hinkley CA 92347 US
Weather Conditions: Sunny, Slightly Windy, 66-107°F

Depth (feet)	Sample Interval	Recovery (in.)	USCS Class	Description
111				(108.5-115') Silty sand with gravel (SM), very fine to very coarse, subangular to rounded, with little silt, little gravel, subangular to rounded, trace clay, moist, 10YR 6/6 - brownish yellow.
112				
113				
114				
115				
116				(115-119) Silt (ML), low plasticity, no dilatancy, with trace very fine to medium sand, trace clay, very soft to soft, moist, 10YR 6/2 - light brownish gray.
117		120		
118				
119				
120				(119-130') Well-graded sand with silt (SW-SM), very fine to very coarse, subangular to rounded, with little silt, trace gravel, subangular to subrounded, dry, 10YR 7/2 - light gray.
121				
122				
123				
124				
125				
126				
127		120		
128				
129				
130				
131				(130-138') Well-graded sand with silt (SW), fine to very coarse, subangular to subrounded, with trace silt, wet, 10YR 5/3 - brown.
132				
133				
134				
135				
136				
137		120		
138				
139				(138-140') Silty sand (SM), very fine to fine, and silt, wet, 10YR 5/4 - yellowish brown.
140				
141				(140-141.5') Silty sand (SM), very fine to fine, with some silt, moist, 10YR 5/4 - yellowish brown.
142				(141.5-142') Sandy silt (ML), no plasticity, slow dilatancy, and very fine to fine sand, very soft, wet, 10YR 5/4 - yellowish brown.
143				(142-146') Poorly-graded sand (SP), very fine to fine, with trace silt, moist, 10YR 4/4 - dark yellowish brown.
144				
145				
146				
147				(146-149') Silty sand (SM), very fine to fine, with little silt, moist, 10YR 4/4 - dark yellowish brown.



Remarks: The well was installed at a 45-degree angle from vertical; all depths are in linear feet except for the well vault. SA-AW-02 was drilled to a total depth of approximately 175 feet.

ARCADIS Design & Consultancy for natural and built assets

Soil Boring Log

Boring No.: SA-AW-02

Sheet: 5 of 5

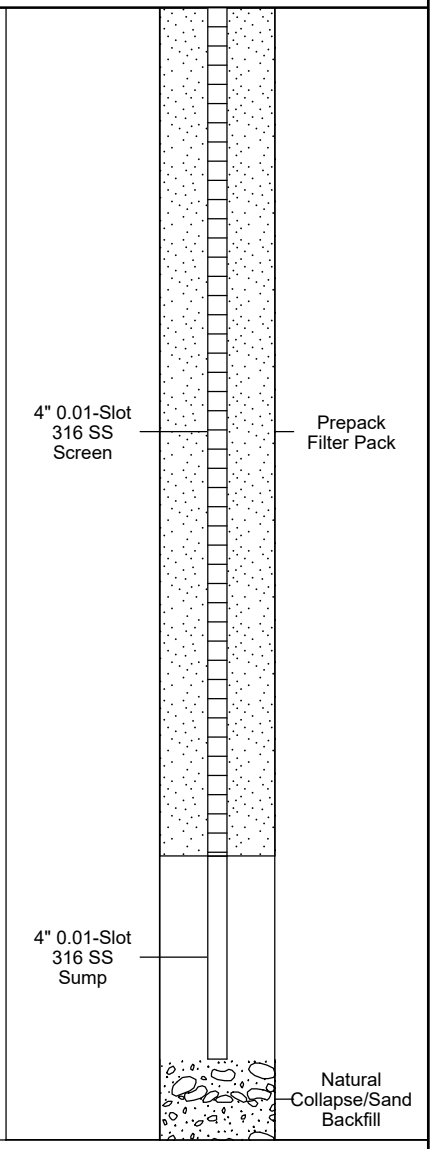
Project Name: Hinkley - Northern SA Investigation
Project Number: 30053685
Project Location: 35863 Fairview Rd Hinkley CA 92347 US

Date Started: 06-18-2020
Date Completed: 06-25-2020

Logger: Valery Naskrent, Minda Moe
PG Reviewer: Isaac Wood
Weather Conditions: Sunny, Slightly Windy, 66-107°F

Depth (feet)	Sample Interval	Recovery (in.)	USCS Class	Description
148		120		(146-149') Silty sand (SM), very fine to fine, with little silt, moist, 10YR 4/4 - dark yellowish brown.
149				
150				(149-150.5') Sandy silt (ML), no plasticity, no dilatancy, and very fine to fine sand, soft, moist, 10YR 4/4 - dark yellowish brown.
151				(150.5-155') Poorly-graded sand with silt (SP-SM), very fine to fine, with little silt, moist, 10YR 4/4 - dark yellowish brown.
152				
153				
154				
155				
156				(155-156') Silty sand (SM), very fine to fine, and silt, moist, 10YR 4/4 - dark yellowish brown.
157		120		(156-161.5') Silt (ML), low plasticity, no dilatancy, with some clay, little very fine sand, stiff, dry, 5Y 5/3 - olive.
158				
159				
160				
161				
162				(161.5-164') Well-graded sand (SW), medium to very coarse, subangular to subrounded, with trace gravel, subrounded, trace silt, moist, 2.5Y 5/6 - light olive brown.
163				
164				(164-171.5) Silt (ML), low plasticity, no dilatancy, with some very fine to fine sand, some clay, stiff, moist, 5Y 5/4 - olive.
165				
166				
167				
168		144		
169				
170				
171				
172				
173				(171.5-175') Silt (ML), no to low plasticity, no dilatancy, with some clay, little very fine to fine sand, very stiff, moist, 5Y 5/4 - olive.
174				
175				
176				
177				
178				
179				
180				
181				
182				
183				
184				

Well Construction Details



Remarks: The well was installed at a 45-degree angle from vertical; all depths are in linear feet except for the well vault. SA-AW-02 was drilled to a total depth of approximately 175 feet.

APPENDIX B

Standard Operating Procedures for Groundwater Sampling (provided at Geotracker website http://geotracker.waterboards.ca.gov/profile_report?global_id=SL0607111288)

Appendix B:

Standard Operating Procedures for Groundwater Sampling

SOP-A1	Purging and Sampling of Monitoring Wells with Dedicated Submersible Pumps / Well Casing Volume Method
SOP-A2	Purging and Sampling of Monitoring Wells with Temporary Submersible Pumps / Stabilized Drawdown Method
SOP-A3	Purging and Sampling of Monitoring Wells with Dedicated QED Pumps / Low-Flow Purging Method
SOP-A4	Purging and Sampling of Monitoring Wells with a Disposable Bailer
SOP-A5	Purging and Sampling of Supply Wells with Dedicated Pumps
SOP-A6	Purging and Sampling of Supply Wells without Dedicated Pumps
SOP-A7	Purging and Sampling of Active Domestic Wells with Dedicated Pumps
SOP-A8	Sample Field Filtration and Preservation for Metals Analyses
SOP-A9	Water Level Measurements
SOP-A10	Field Water Quality Measurements Using a Flow-Through Cell
SOP-A11	Calibration of Field Instruments
SOP-A12	Decontamination of Water Sampling Equipment
SOP-A13	Measurement of Well Total Depth

SOP-A1

Purging and Sampling of Monitoring Wells with Dedicated Submersible Pumps / Well Casing Volume Method Standard Operating Procedure for PG&E Hinkley Groundwater Monitoring Program

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This standard operating procedure (SOP) describes the procedures and equipment to be used for purging and sampling groundwater monitoring wells at the Hinkley site that are equipped with a dedicated electric pump. Purging and sampling of these wells requires an electric submersible dedicated pump with a controllable discharge rate (Grundfos Redi-Flo 2 or similar pump and flow controller), or an electric submersible dedicated pump with a single discharge rate (no flow controller). A well-volume based purging and sampling method will be used for these wells.

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information is provided in the PST.
- Blank purge and sampling log sheets.

PREPARATION & SETUP

1) Review event-specific PST or event-specific field instructions and HSP.
2) Field-check and setup sampling equipment: water level (WL) meter, water quality (WQ) meters, flow-through cell, field filters, health and safety equipment, etc. Inspect and calibrate field equipment prior to use according to SOP-A11, *Calibration of Field Instruments*.
3) Inventory sample bottles, review required analyses, confirm the lab courier schedule, and prepare groundwater sampling log.
4) Open the well protection lid and measure initial static WL according to SOP-A9, *Water Level Measurements.* Record the WL value on the sampling log. Always measure water level before temporarily removing any pressure transducer, according to SOP-C1, *Temporary Removal and Replacement of Pressure Transducers*. **If the initial static WL measurement indicates that the well contains a water column of less than 4.0 feet, the well does not contain sufficient water to proceed with purging and sampling. Proceed to Step 9.**

PURGING AND SAMPLING PROCEDURES – MONITORING WELLS WITH DEDICATED SUBMERSIBLE PUMPS

5) Use the water level determined in Step 4 above and the total depth provided in the PST and/or the well-specific purge log to calculate the standing water column in the well and one well casing volume.

6) Well purging will take place **until at least one well casing volume has been purged and field parameters have stabilized.** The purging rate shall be adjusted to obtain minimal drawdown. Field parameters (pH, specific conductance, temperature, ORP, dissolved oxygen, and turbidity) will be measured using a flow-through cell and the units indicated on the purge form. Record units and time for all measurements collected. Record on the sampling log if parameter readings are anomalous or unstable due to instrument problem. If a flow controller is present, decrease the purge rate and measure/record new purge rate if significant drawdown is observed. Significant drawdown is considered to be 5% of the total height of the water column or to the top of screen.

7) Indicator parameters are considered stabilized when three consecutive readings made several minutes apart fall within the following EPA stabilization criteria:

pH	+/- 0.1 pH units
Specific conductance	+/- 3% (µS/cm or mS/cm units)
ORP	+/- 10 millivolts
Turbidity	+/- 10% NTU units (when turbidity is >10 NTUs)
Dissolved oxygen	+/- 0.3 mg/L
Temperature	+/- 2° Celsius.

8) Collect samples for analyses according to the PST and/or event-specific field instructions. For all samples, decrease the discharge rate to reduce water turbulence at the pump discharge point. To reduce or prevent the need to stop the pump between purging and sampling and to regulate the flow through the flow-through-cell during purging, a dedicated inline splitter ("Y Valve") will be used upstream from the flow-through-cell. The splitter will have one influent and two effluent lines. One effluent line will be attached to the flow-through-cell and from there to waste; the second effluent line will be used as the sampling port. Each effluent line should be capable of flow control. If the PST calls for filtered and/or preserved samples, refer to SOP-A8, *Sample Field Filtration and Preservation for Metals*. Record observations on sample appearance, clarity, and odors.

9) Complete the field sampling log, including description of samples collected, final WL, and total volume purged. Close and secure the well including access gates and/or fences.

LOW VOLUME AND POOR RECOVERY WELLS

Some groundwater monitoring wells may exhibit slow or poor recovery upon purging. These groundwater monitoring wells may not recover sufficiently during purging and run completely dry without an opportunity to collect the required series of groundwater stabilization parameters, or run dry prior to sampling. In the unlikely event a monitoring well with a dedicated pump may exhibit these conditions, refer to SOP-A2, *Purging and Sampling of Monitoring Wells with Temporary Submersible Pumps – Low Volume and Poor Recovery Wells* for further instructions.

INVESTIGATION-DERIVED WASTE MANAGEMENT

Different types of potentially-contaminated investigation-derived waste (IDW) will be generated during groundwater sampling efforts. These may include:

- Used personal protective equipment (PPE).
- Disposable sampling equipment.
- Decontamination fluids.
- Purged groundwater and excess groundwater collected for sample container filling.

Used PPE and disposable equipment will be placed in a municipal refuse dumpster. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

All wastewater (decontamination water, and purge and excess groundwater) generated during sampling of monitoring wells will be containerized and disposed of as instructed by PG&E: dispose of at the Central or Source IRZ holding tanks.

SOP-A2

Purging and Sampling of Monitoring Wells with Temporary Submersible Pumps / Stabilized Drawdown Method Standard Operating Procedure for PG&E Hinkley Groundwater Monitoring Program

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This standard operating procedure (SOP) describes the procedures and equipment to be used for purging and sampling groundwater monitoring wells at the Hinkley site using a temporary submersible pump with a controllable discharge rate (Grundfos Redi-Flo 2 or similar pump and flow controller). A stabilized drawdown purging and sampling method will be used for these wells.

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information is provided in the PST.
- Blank purge and sampling log sheets.

PREPARATION & SETUP

1) Review event-specific PST or event-specific field instructions and HSP.

2) To avoid cross-contamination, on-site decontamination of the temporary pump and all non-dedicated sampling equipment is mandatory prior to first sampling and between each well. Equipment decontamination will include flushing of the internal components of the submersible pump and tubing assembly dedicated for each well cluster, as well as external washing of the pump and submerged tubing with Alconox solution and fresh water rinsing. See SOP-A12, *Decontamination of Water Sampling Equipment,* for additional equipment decontamination procedures.

3) Field-check and setup sampling equipment: water level (WL) meter, water quality (WQ) meters, flow-through cell, temporary pump, pump control, power supply, new dedicated tubing, field filter, purge water container, health safety equipment, etc. Inspect and calibrate field equipment prior to use according to SOP-A11, *Calibration of Field Instruments*.

4) Inventory sample bottles, review required analyses, confirm the lab courier schedule, and prepare groundwater sampling log.

5) Open the well protection lid and measure initial static WL according to SOP-A9, *Water Level Measurement*s. Measure the total well depth. Record WL and total well depth measurements on sampling log. Always measure water level before temporarily removing any pressure transducer, according to SOP C-1, *Temporary Removal and Replacement of Pressure Transducers*. **If the initial static WL measurement indicates that the well contains a water column of less than 4.0 feet, the well does not contain sufficient water to proceed with purging and sampling. Skip to Step 11.**

PURGING AND SAMPLING PROCEDURES – MONITORING WELLS WITH TEMPORARY SUBMERSIBLE PUMPS

6) The temporary pump assembly will be lowered to the **mid-screen target sampling depth** for purging and sampling. Confirm the well screen interval in feet below top of casing (feet TOC). The well pump intake shall be placed at the mid-screen depth, feet TOC, ± 1.0 foot.

7) Use the water level and total well depth information determined in Step 5 above to calculate the standing water column in the well and one casing volume.

   Well purging will take place until a **minimum of one well casing volume has been removed and field parameters have stabilized (field parameters have changed from the initial readings and then stabilized). However, purging of monitoring wells MW-185S1, MW-186S1, MW-188S1, MW-193S2, MW-194S1, MW-195S1, and MW-195S2** will take place until a minimum of **three well casing volumes** have been removed and field parameters have stabilized.

8) The purging rate shall be adjusted to obtain minimal drawdown. Field parameters (pH, specific conductance, temperature, ORP, dissolved oxygen, and turbidity) will be measured using a flow-through cell and the units indicated on the purge form. Record units and time for all measurements collected. Record on the sampling log if parameter readings are anomalous or unstable due to instrument problem. Decrease the purge rate and measure/record new purge rate if significant drawdown is observed. Significant drawdown is considered to be 5% of the total height of the water column or to the top of screen

9) Indicator parameters are considered stabilized when three consecutive readings made several minutes apart fall within the following EPA stabilization criteria:

pH	+/- 0.1 pH units
Specific conductance	+/- 3% (µS/cm or mS/cm units)
ORP	+/- 10 millivolts
Turbidity	+/- 10% NTU units (when turbidity is >10 NTUs)
Dissolved oxygen	+/- 0.3 mg/L
Temperature	+/- 2° Celsius

   Collect, **but DO NOT submit for laboratory analysis**, samples from wells where indicator parameters have stabilized but turbidity is out of range (>999 NTU) and/or the color of the purge water prior to filtering remains a color such as brown, tan, or orange. Notify the CH2M HILL Field Manager of the conditions encountered. Store the samples according to the procedures outlined for sample preservation in the *Quality Assurance Project Plan*.

   pH values for some wells located north of Thompson Road are commonly above 9. When pH values above 9 are encountered the instrument's calibration should be verified, and the verification procedure documented on the sampling log. Notify the CH2M HILL Field Manager of the conditions encountered.

10) Collect samples for analyses according to the PST and/or event-specific field instructions. For all samples, decrease the discharge rate to reduce water turbulence at the pump discharge point. To reduce or prevent the need to stop the pump between

purging and sampling and to regulate the flow through the flow-through-cell during purging a dedicated inline splitter ("Y Valve") will be used upstream from the flow-through-cell. The splitter will have one influent and two effluent lines. One effluent line will be attached to the flow-through-cell and from there to waste; the second effluent line will be used as the sampling port. Each effluent line should be capable of flow control. If the PST calls for filtered and/or preserved samples, refer to SOP-A8, *Sample Field Filtration and Preservation for Metals*. Record observations on sample appearance, clarity, and odors.

11) Complete the field sampling log, including description of samples collected, final WL, and total volume purged. Close and secure the well including access gates and/or fences.

LOW VOLUME AND POOR RECOVERY WELLS

Some groundwater monitoring wells may exhibit slow or poor recovery upon purging. These groundwater monitoring wells may not recover sufficiently during purging and run completely dry without an opportunity to collect the required series of groundwater stabilization parameters, or run dry prior to sampling. The following procedures should be followed for collection representative groundwater samples from wells that go dry during purging activities in preparation for groundwater sampling. Follow steps 1 to 7 as showed in previous section.

12) Ideally, well purging will continue until a **minimum of one to three well casing volumes have been removed and field parameters have stabilized** (field parameters have changed from the initial readings and then stabilized), according to Steps 1 through 11. If the well purges dry during the observation period, immediately shut off the pump and collect a final set of water quality parameters (ph, specific conductance, ORP, turbidity, dissolved oxygen, and temperature).

13) Record the final water level, note the time, the volume of water discharged and the elapsed time for the complete discharge of the well. Inform the CH2M HILL Field Manager of the conditions encountered (low volume/poor recovery) before proceeding with the steps below.

14) Allow the well to recharge to 80 percent of the original height of the water column. The goal is to go back to the wells that purge dry and collect samples within 3-5 days of initial purging. The recovery period to achieve 80 percent of the height of the water column could take longer than 3 to 5 days in some instances. CH2M HILL Hinkley project-level staff should be consulted prior to sampling wells that have not achieved 80 percent recovery within 3 to 5 days.

15) Calculate the volume of water in the well and volume of water needed to fill all of the sample containers. Initiate procedures for the well sampling. Begin to slowly purge the well and collect at least one set of water quality parameters prior to filling the sample containers.

16) If there is insufficient water volume to allow sampling with a submersible pump, a disposable bailer may be used with the approval of the Field Manager. Refer to SOP-A4,

Sampling of Low Volume and Poor Recovery Monitoring Wells with a Disposable Bailer and do not continue to Step 18 below.

17) Collect samples for analyses according to the PST and/or event-specific field instructions. Samples are collected directly from the temporary pump discharge tubing. Make sure flow-though cell is disconnected before sample collection. If the PST calls for filtered and/or preserved samples, refer to SOP-A8, *Sample Field Filtration and Preservation for Metals*. Record observations on sample appearance, clarity, and odors.

18) Complete the field sampling log, including description of samples collected, final WL, and total volume purged. Close and secure the well including access gates and/or fences.

INVESTIGATION-DERIVED WASTE MANAGEMENT

Different types of potentially-contaminated investigation-derived waste (IDW) will be generated during groundwater sampling efforts. These may include:

- Used personal protective equipment (PPE).
- Disposable sampling equipment.
- Decontamination fluids.
- Purged groundwater and excess groundwater collected for sample container filling.

Used PPE and disposable equipment will be placed in a municipal refuse dumpster. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

All wastewater (decontamination water, and purge and excess groundwater) generated during sampling of monitoring wells will be containerized and disposed of as instructed by PG&E: dispose of at the Central or Source IRZ holding tanks

SOP-A3

Purging and Sampling of Monitoring Wells with Dedicated QED Pumps / Low- Flow Purging Method Standard Operating Procedure for Hinkley Groundwater Monitoring Program

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This standard operating procedure (SOP) describes the procedures and equipment to be used for purging and sampling all groundwater monitoring wells at the Hinkley site that are equipped with a dedicated QED bladder pump. Purging and sampling of these wells requires a dedicated QED Well Wizard micro-purge bladder pump, A MP10 controller box and air compressor. A low-flow (minimal drawdown) purging and sampling method will be used for these wells. The low-flow sampling method described herein has been adapted from the protocols specified by EPA in their groundwater monitoring guidance (EPA, 1996).

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information is provided in the PST.
- Blank purge and sampling log sheets.

PREPARATION & SETUP

1) Review event-specific PST or event-specific field instructions and HSP.
2) Field-check and setup sampling equipment: water level (WL) meter, water quality (WQ) meters, flow-through cell, temporary pump, pump control, power supply, new dedicated tubing, field filter, purge water container, health safety equipment, etc. Inspect and calibrate field equipment prior to use according to SOP-A11, *Calibration of Field Instruments*.
3) Inventory sample bottles, review required analyses, confirm the lab courier schedule, and prepare groundwater sampling log.
4) Open the well protection lid and measure initial static WL according to SOP-A9, *Water Level Measurements.* Record the WL value on the sampling log. Always measure water level before temporarily removing any pressure transducer, according to SOP-C1, *Temporary Removal and Replacement of Pressure Transducers.* **If the initial static WL measurement indicates that the well contains a water column of less than 4.0 feet, the well does not contain sufficient water to proceed with purging and sampling; Skip to Step 9.**

PURGING AND SAMPLING PROCEDURES – MONITORING WELLS WITH DEDICATED QED PUMPS

5) Check previous purge records for insight into the proper rate. The sampling procedure for QED wells is purging **three pump line volumes (typically between 4 to 5 L) at a rate not to exceed 0.5 L/min.**

6) Well purging will take place until **three pump line volumes have been purged and field parameters have stabilized**. Field parameters (pH, specific conductance, temperature, ORP, dissolved oxygen, and turbidity) will be measured using a flow-through cell and the units indicated on the purge form. Collect water level measurements frequently during the purging to ensure that the water level has not dropped lower than desired. Record time for all measurements collected. Record on the sampling log if parameter readings are anomalous or unstable due to instrument problem. Decrease the purge rate and measure/record new purge rate if significant drawdown is observed. Significant drawdown is considered to be 5% of the total height of the water column or to the top of screen.

7) Indicator parameters are considered stabilized when three consecutive readings made several minutes apart fall within the following EPA stabilization criteria:

pH	+/- 0.1 pH units
Specific conductance	+/- 3% (µS/cm or mS/cm units)
ORP	+/- 10 millivolts
Turbidity	+/- 10% NTU units (when turbidity is >10 NTUs)
Dissolved oxygen	+/- 0.3 mg/L
Temperature	+/- 2° Celsius

8) Collect samples for analyses according to the PST and/or event-specific field instructions. For all samples, decrease the discharge rate to reduce water turbulence at the pump discharge point. If the PST calls for filtered and/or preserved samples, refer to SOP-A8, *Sample Field Filtration and Preservation for Metals*. Record observations on sample appearance, clarity, and odors.

9) Complete the field sampling log, including description of samples collected, final WL, and total volume purged. Close and secure the well including access gates and/or fences.

INVESTIGATION-DERIVED WASTE MANAGEMENT

Different types of potentially-contaminated investigation-derived waste (IDW) will be generated during groundwater sampling efforts. These may include:

- Used personal protective equipment (PPE).
- Disposable sampling equipment.
- Decontamination fluids.
- Purged groundwater and excess groundwater collected for sample container filling.

Used PPE and disposable equipment will be placed in a municipal refuse dumpster. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and

disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

All wastewater (decontamination water, and purge and excess groundwater) generated during sampling of monitoring wells will be containerized and disposed of as instructed by PG&E: dispose of at the Central or Source IRZ holding tanks.

SOP-A4

Purging and Sampling of Monitoring Wells with a Disposable Bailer
Standard Operating Procedure for
PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) describes the procedures and equipment to be used for purging and sampling groundwater monitoring wells at the Hinkley site using single or double check valve disposable bailers. A three well volume purging and parameter stabilization sampling method will be used for these wells where possible.

Some groundwater monitoring wells may contain insufficient water to sample using submersible pumps according to SOP-A1 (*Purging and Sampling of Monitoring Wells with Dedicated Submersible Pumps)* or SOP-A2 (*Purging and Sampling of Monitoring Wells with Temporary Submersible Pumps)*. The following procedures should be followed for the collection of representative groundwater samples from these wells. The approval from the CH2M HILL Field Manager must be obtained prior to collecting any groundwater samples with a disposable bailer.

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information is provided in the PST.
- Blank purge and sampling log sheets.

PREPARATION & SETUP

1) Review event-specific PST or event-specific field instructions and HSP.

2) To avoid cross-contamination, on-site decontamination of the bailer and all non-dedicated sampling equipment is mandatory prior to first sampling. See SOP-A12, *Decontamination of Water Sampling Equipment,* for additional equipment decontamination procedures.

   Y Keep the bailer in the original protective wrapping until just before use, and use clean, single-use gloves to handle bailer once it is removed from the wrapping. Handle the bailer by the lanyard to minimize contact with the bailer surface. Equipment decontamination will include flushing of the bailer with Alconox solution and fresh water rinsing.

   Y Discard cotton twine, nylon and non-stainless steel braided lanyards after sampling each well. Lanyards made of stainless steel, coated Teflon, polyethylene or polypropylene can be decontaminated between monitoring wells with Alconox solution and fresh water rinsing.

3) Field-check, calibrate and setup sampling equipment: water level (WL) meter, water quality (WQ) meters, bailers and lanyards compatible with the analytes of interest, field

filters, purge water container, health safety equipment, etc. Inspect and calibrate field equipment prior to use according to SOP-A11, *Calibration of Field Instruments*.

- Teflon, polyethylene or polypropylene bailers may be used for all analytes.
- Lanyards must be made of non-reactive, non-leachable material such as cotton twine, nylon or stainless steel; or, coated with Teflon, polyethylene or polypropylene. Evaluate the appropriateness of the lanyard material with analyses of equipment blanks for the analytes of interest, as necessary.

4) Inventory sample bottles, review required analyses, confirm the lab courier schedule, and prepare groundwater sampling log.

5) Open the well protection lid and measure initial static WL according to SOP-A9, *Water Level Measurements*. Measure the total well depth if no dedicated submersible pump is present in the well casing. Record WL and total depth measurements on the sampling log. Always measure water level before temporarily removing any pressure transducer, according to SOP C-1, *Temporary Removal and Replacement of Pressure Transducers*. **If the initial static WL measurement indicates that the well contains a water column of less than 4.0 feet, the well does not contain sufficient water to proceed with purging and sampling; Skip to Step 21.**

GROUDWATER PURGING AND SAMPLING PROCEDURES – LOW VOLUME MONITORING WELLS WITH DISPOSABLE BAILERS

6) Use the water level determined in Step 5 above and the total depth provided in the PST and/or the well-specific purge form, or measured in Step 5 above, to calculate the standing water column in the well and one casing volume.

7) Remove the bailer from its protective wrapping just before use. Attach the lanyard to the bailer at one end, and to either the protective casing of the well or to the sampler's wrist at the other. At no time should the bailer or lanyard touch the ground during the sampling process.

8) Slowly lower the bailer taking care not to disturb the water column or stir up sediment in the well. Allow time for the bailer to fill with water as it descends into the water column.

9) Carefully raise the bailer from the water column until the bailer has cleared the surface of the water. Record the volume of the bailer in the field sampling log.

10) Continue to carefully lower and retrieve the bailer as described.

11) Remove at least one well volume before collecting measurements of field parameters (pH, specific conductance, temperature, ORP, dissolved oxygen, and turbidity) from the initial bailer of water before discarding. Take each subsequent set of measurements after removing at least one half (1/2) of the casing volume. Record units and time for all measurements collected. Record on the sampling log if parameter readings are anomalous or unstable.

12) Continue purging until a minimum of three well casings volume has been removed and field parameters have stabilized (field parameters have changed from the initial readings and then stabilized).

13) Indicator parameters are considered stabilized when three consecutive readings made several minutes apart fall within the following EPA stabilization criteria:

pH	+/-	0.1 pH units
Specific conductance	+/-	3% (µS/cm or mS/cm units)
ORP	+/-	10 millivolts
Turbidity	+/-	10% NTU units (when turbidity is >10 NTUs)
Dissolved oxygen	+/-	0.3 mg/L
Temperature	+/-	2° Celsius

14) After purging, the bailer should be lowered into the water column to within one foot of the mid-screen target sampling depth to collect the sample. Samples should not be collected from the top of the water column, as this may not be representative of the groundwater flowing through the well screen. Discard the first few inches of water in the bailer. Collect the sample directly from the bailer by allowing the sample to slowly flow down the side of the container. Care should be taken when using bottom decanting bailers, as the full head of water in the bailer can force the water out quickly and cause aeration and overfilling of containers with possible loss of preservatives. Discard the last few inches of water in the bailer.

15) Collect samples for analyses according to the PST and/or event-specific field instructions. If the PST calls for filtered and/or preserved samples, refer to SOP-A8, *Sample Field Filtration and Preservation for Metal Analyses*. Record observations of sample appearance, clarity, and odors in the sampling log.

16) Complete the field sampling log, including description of samples collected, final WL, and total volume purged. Close and secure the well including access gates and/or fences.

GRAB GROUNDWATER SAMPLING PROCEDURES – POOR RECOVERY MONITORING WELLS WITH DISPOSABLE BAILERS

Some groundwater monitoring wells may exhibit both low volume, making them unsuitable for purging and sampling by submersible pump per SOP-A1 or SOP-A2, and slow or poor recovery upon purging. These groundwater monitoring wells may not recover sufficiently during purging and run completely dry without an opportunity to collect the required series of groundwater stabilization parameters, or run dry prior to sampling.

The following procedures should be followed for collection representative groundwater samples from wells that go dry during purging activities in preparation for groundwater sampling. Follow steps 1 to 11 in the previous section before continuing with the step below.

17) Allow the well to recharge to 80 percent of the original height of the water column. Ideally, this should be within 24 hours of the groundwater monitoring well being purged dry. The recovery period to achieve 80 percent of the height of the water column could take longer than 24 hours in some instances. CH2M HILL Hinkley project-level staff should be consulted prior to sampling wells that have not achieved 80 percent recovery within 24 hours.

18) Calculate the volume of water in the well and volume of water needed to fill all of the sample containers. Initiate procedures for the well sampling. Begin to slowly purge the

well and collect at least one set of water quality parameters prior to filling the sample containers.

19) The bailer should be lowered into the water column to within one foot of the mid-screen target sampling depth to collect the sample. Samples should not be collected from the top of the water column, as this may not be representative of the groundwater flowing through the well screen. Discard the first and last few inches of water in the bailer. Samples are collected directly from the bailer by allowing the sample to slowly flow down the side of the container. Care should be taken when using bottom decanting bailers, as the full head of water in the bailer can force the water out quickly and cause aeration and overfilling of containers with possible loss of preservatives.

20) Collect samples for analyses according to the PST and/or event-specific field instructions. If the PST calls for filtered and/or preserved samples, refer to SOP-A8, *Sample Field Filtration and Preservation for Metals*. Record observations on sample appearance, clarity, and odors.

21) Complete the field sampling log, including description of samples collected, final WL, and total volume purged. Close and secure the well including access gates and/or fences.

INVESTIGATION-DERIVED WASTE MANAGEMENT

Different types of potentially-contaminated investigation-derived waste (IDW) will be generated during groundwater sampling efforts. These may include:

- Used personal protective equipment (PPE).
- Disposable sampling equipment.
- Decontamination fluids.
- Purged groundwater and excess groundwater collected for sample container filling.

Used PPE and disposable equipment will be placed in a municipal refuse dumpster. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

All wastewater (decontamination water, and purge and excess groundwater) generated during sampling of monitoring wells will be containerized and disposed of as instructed by PG&E: dispose of at the Central or Source IRZ holding tanks.

SOP-A5

Purging and Sampling of Supply Wells with Dedicated Pumps
Standard Operating Procedure for
PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) describes the procedures and equipment to be used for groundwater sampling of active and inactive water supply or production wells that are **equipped with dedicated and functional well pumps** at the PG&E Hinkley site. This SOP also applies to groundwater sampling of active or inactive extraction and test wells that are equipped with dedicated pumps.

All samples for water quality (WQ) measurement and laboratory analysis are collected directly from existing or installed sampling ports at the well head/discharge piping. Samples should not be collected from supply well holding tanks unless required by the well owner and well-specific project instructions.

The dedicated-pump water supply, extraction, and test wells are typically large-diameter (6-inch or greater diameter casing) and have long perforated/screen intervals, and therefore, the purging and sampling procedures are different from the procedures used for sampling conventional groundwater monitoring wells. Supply or extraction wells that are actively pumping can be sampled directly without satisfying purging criteria after water contained in the sampling pump and associated tubing/plumbing has been purged. For dedicated-pump wells that are inactive (i.e., not used for routine or daily production), a 'minimum purge' with stabilized field parameters sampling method is used as described below.

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information is provided in the PST.
- Blank purge and sampling log sheets.

PREPARATION AND SETUP

1) Review event-specific PST or event-specific field instructions and HSP.
2) Field-check and setup sampling equipment: water level (WL) meter, water quality (WQ) meters, flow-through cell, field filter, purge water container, health and safety equipment, etc. Inspect and calibrate field equipment prior to use according to SOP-A11, *Calibration of Field Instruments*.
3) Inventory sample bottles, review required analyses, confirm the lab courier schedule, and prepare groundwater sampling log.
4) If well is equipped with a transducer and transducer removal is required for sampling, follow SOP-C1, *Temporary Removal and Replacement of Transducers*.

5) Confirm condition of the well's pump and discharge sampling port and install or use temporary fittings as needed. Consult with the well owner before modifying the well's sampling port. If the well's dedicated pump is not functioning, contact the Project Manager or Field Team Manager for instructions. SOP-A6, *Purging and Sampling of Supply Wells without Dedicated Pumps* may be used if applicable for the well and confirmed by the Project Manager.

6) Confirm and note the operation status of the supply well from well head meter or well owner information. Well status should be noted as:

   a) active - currently pumping,
   b) active - cycling daily operation, or
   c) inactive - last operation occurred: date.

7) If the supply/production well has been inactive for more than 24 hours, a water level measurement can be taken. Measure initial static WL according to SOP-A9, *Water Level Measurements*. Record WL value on sampling log.

SAMPLING PROCEDURE – CURRENTLY PUMPING ACTIVE SUPPLY WELLS

8) Install a flow-through cell to the sampling port and record one set of water quality parameters (pH, conductivity, temperature, turbidity, dissolved oxygen, temperature, and ORP). If it is not possible to connect the flow-through cell, a clean 5-gallon bucket may be used by filling the bucket with purge water and inserting the instrument probes directly into the bucket. If the bucket is used, turbulence in the bucket should be minimized and only pH, conductivity, ORP, and temperature need to be recorded. Record units and time for all measurements collected. Record on the sampling log if any parameter readings are anomalous or unstable due to instrument problems.

9) For actively pumping wells, samples can be collected directly from the dedicated pump discharge. A single set of field parameters should be recorded. (collecting stabilized field parameters is not required). Record observations on sample appearance, clarity, and odors.

10) Collect samples for analyses according to the PST and/or event-specific field instructions. To reduce or prevent the need to stop the pump between purging and sampling and to regulate the flow through the flow-through-cell during purging, a dedicated inline splitter ("Y Valve") will be used upstream from the flow-through-cell. The splitter will have one influent and two effluent lines. One effluent line will be attached to the flow-through-cell and from there to waste; the second effluent line will be used as the sampling port. Each effluent line should be capable of flow control. Sample containers are to be filled by transferring water directly from the pump discharge or sampling spigot to the appropriate sample container. If the PST calls for filtered and/or preserved samples, refer to SOP-A9, *Sample Field Filtration and Preservation for Metals*.

11) Complete the field sampling log, including description of samples collected, final WL, and purge volume of discharge or purge. If the pump is equipped with a flow meter, record the flow rate as well. Close and secure the well including access gates or fences.

SAMPLING PROCEDURE – ACTIVE CYCLING (CURRENTLY OFF) SUPPLY WELLS

If the supply well is confirmed to be active but is not currently pumping at the time of sampling, the well pump system needs to be operated/purged for a minimum period before water samples are collected. The extent of purging will vary depending on the well conditions and should be based on well owner information and prior sampling experience at the subject well. Groundwater samples should not be collected until sufficient flushing of the dedicated pump discharge system has occurred (typically a minimum 5 minutes) and stabilized field parameters are recorded.

12) Install a flow-through cell to the sampling port for measuring water quality parameters (pH, conductivity, temperature, turbidity, dissolved oxygen, temperature, and ORP). If it is not possible to connect the flow-through cell, a clean 5-gallon bucket may be used, as described in Step 8 above. Record units and time for all measurements collected. Record on the sampling log if any parameter readings are anomalous or unstable due to instrument problems.

13) Indicator parameters are considered stabilized when three consecutive readings made several minutes apart fall within the following EPA stabilization criteria:

pH	+/-	0.1 pH units
Specific conductance	+/-	3% (µS/cm or mS/cm units)
ORP	+/-	10 millivolts
Turbidity	+/-	10% NTU units (when turbidity is >10 NTUs)
Dissolved oxygen	+/-	0.3 mg/L
Temperature	+/-	2° Celsius.

14) Record observations on sample appearance, clarity, and odors during purging and sampling. Collect water samples and complete the sampling activity following Steps 10, and 11 above.

SAMPLING PROCEDURE – INACTIVE SUPPLY WELLS WITH DEDICATED PUMPS

If the supply well is inactive (i.e., not used for routine or daily production), the well needs to be operated and purged before water samples are collected. A 'minimum purge' with stabilized field parameters sampling method is used. This SOP assumes both the power supply and the dedicated pump are operational (notify the Project Manager or Field Team leader if pump or power is not operational). Detailed information should be maintained on these type of wells and the data qualified as not likely to be representative of the aquifer.

15) Use the water level determined in Step 7 above and the total depth provided in the PST and/or the well-specific purge log to measure the standing water column in the well and calculate one casing volume.

16) Install a flow-through cell to the sampling port for measuring water quality parameters (pH, conductivity, temperature, turbidity, dissolved oxygen, temperature, and ORP). If it is not possible to connect the flow-through cell, a clean 5-gallon bucket may be used, as described in Step 8 above. Record units and time for all measurements collected. Record on the sampling log if any parameter readings are anomalous or unstable due to instrument problems.

17) Well purging will take place for a **minimum of 20 minutes, or until one well casing volume has been removed (whichever occurs first) and field parameters have stabilized** (see Step 13 above).

18) Record observations on sample appearance, clarity, and odors during purging and sampling. Collect water samples and complete the sampling activity following Steps 10, and 11 above.

INVESTIGATION-DERIVED WASTE MANAGEMENT

Different types of potentially-contaminated investigation-derived waste (IDW) will be generated during groundwater sampling efforts. These may include:

- Used personal protective equipment (PPE).
- Disposable sampling equipment.
- Decontamination fluids.
- Purged groundwater and excess groundwater collected for sample container filling.

Used PPE and disposable equipment will be placed in a municipal refuse dumpster. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

Regarding disposal of wastewater (decontamination water, and purge and excess groundwater):

- Active supply wells (pumping and not pumping): all wastewater generated during sampling of active supply wells will be discharged directly to the ground at the well site.
- Inactive supply wells: all wastewater generated during sampling of wells will be containerized and disposed of as instructed by PG&E: dispose of at the Central or Source IRZ holding tanks

SOP-A6

Purging and Sampling of Supply Wells without Dedicated Pumps
Standard Operating Procedure for
PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) describes the procedures and equipment to be used for groundwater sampling of water supply wells that are **not equipped with dedicated production/sampling pumps** at the PG&E Hinkley site. This SOP specifically addresses the inactive, idle or abandoned agricultural, domestic, and other water supply wells that do not have dedicated functional pumps.

All samples for water quality (WQ) parameter measurement and laboratory analysis are collected using a temporary submersible sampling pump with a controllable discharge rate, such as the Grundfos Redi-Flo 2 (or similar pump) and flow controller.

The inactive water wells without pumps are typically large-diameter (6-inch or greater diameter casing) and have long perforated/screen intervals, and therefore, the purging and sampling procedures are different from the procedures used for sampling groundwater monitoring wells. A 'minimum purge' with stabilized field parameters sampling method is used as described below.

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information is provided in the PST.
- Blank purge and sampling log sheets.

PREPARATION & SETUP

1) Review event-specific PST or event-specific field instructions and HSP.
2) To avoid cross-contamination, on-site decontamination of the temporary pump and all non-dedicated sampling equipment is mandatory prior to first sampling and between each well. Equipment decontamination will include flushing of the internal components of the submersible pump and tubing assembly dedicated for each well cluster, as well as external washing of the pump and submerged tubing with Alconox solution and fresh water rinsing. See SOP-A12, *Decontamination of Water Sampling Equipment,* for additional equipment decontamination procedures.
3) Field-check and setup sampling equipment: water level (WL) meter, water quality (WQ) meters, flow-through cell, temporary pump, pump control, power supply, new dedicated tubing, field filter, and health and safety equipment, etc. Inspect and calibrate field equipment prior to use according to SOP-A11, *Calibration of Field Instruments*.
4) Inventory sample bottles, review required analyses, confirm the lab courier schedule, and prepare groundwater sampling log.

5) Open well protection lid and measure initial static WL according to SOP-A9, *Water Level Measurements*. Record the WL value on the sampling log. Always measure water level before temporarily removing any pressure transducer, according to SOP-C1, *Temporary Removal and Replacement of Pressure Transducers*.

PURGING AND SAMPLING PROCEDURES – SUPPLY WELLS WITHOUT DEDICATED PUMPS

6) The temporary pump assembly will be lowered to the **mid-screen target sampling depth** for purging and sampling. Confirm the well screen interval in feet below top of casing (feet TOC). The well pump intake shall be placed at the mid-screen depth, feet TOC, ± 1.0 foot.

7) Use the water level determined in Step 5 above and the total depth provided in the PST and/or the well-specific purge log to measure the standing water column in the well and calculate one casing volume, as described on the groundwater purging and sampling log sheet.

8) Well purging will take place until a **minimum of one well casing volume has been removed and field parameters have stabilized (field parameters have changed from the initial readings and then stabilized)**. The purging rate shall be adjusted to obtain minimal drawdown. Field parameters (pH, specific conductance, temperature, ORP, dissolved oxygen, and turbidity) will be measured using a flow-through cell and the units indicated on the purge form.

9) Indicator parameters are considered stabilized when three consecutive readings made several minutes apart fall within the following EPA stabilization criteria:

pH	+/- 0.1 pH units
Specific conductance	+/- 3% (µS/cm or mS/cm units)
ORP	+/- 10 millivolts
Turbidity	+/- 10% NTU units (when turbidity is >10 NTUs)
Dissolved oxygen	+/- 0.3 mg/L
Temperature	+/- 2° Celsius.

10) Decrease the purge rate and measure/record new purge rate if significant drawdown is observed. Significant drawdown is considered to be 5% of the total height of the water column or to the top of screen. Record units and time for all measurements collected. Record on the sampling log if any parameter readings are anomalous or unstable due to instrument problems.

11) Collect samples for analyses according to the PST and/or event-specific field instructions. For all samples, decrease the discharge rate to reduce water turbulence at the pump discharge point. To reduce or prevent the need to stop the pump between purging and sampling and to regulate the flow through the flow-through-cell during purging a dedicated inline splitter ("Y Valve") will be used upstream from the flow-through-cell. The splitter will have one influent and two effluent lines. One effluent line will be attached to the flow-through-cell and from there to waste; the second effluent line will be used as the sampling port. Each effluent line should be capable of flow control. If the PST calls for filtered and/or preserved samples, refer to SOP-A8, *Sample Field*

Filtration and Preservation for Metals. Record observations on sample appearance, clarity, and odors.

12) Complete the field sampling log, including description of samples collected, final WL, and total volume purged. Close and secure the well including access gates or fences.

LOW VOLUME AND POOR RECOVERY WELLS

Refer to Hinkley SOP-A2 for procedures for purging and sampling water wells that exhibit slow or poor recovery upon purging.

INVESTIGATION-DERIVED WASTE MANAGEMENT

Different types of potentially-contaminated investigation-derived waste (IDW) will be generated during groundwater sampling efforts. These may include:

- Used personal protective equipment (PPE).
- Disposable sampling equipment.
- Decontamination fluids.
- Purged groundwater and excess groundwater collected for sample container filling.

Used PPE and disposable equipment will be placed in a municipal refuse dumpster. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

All wastewater (decontamination water, and purge and excess groundwater) generated during sampling of monitoring wells will be containerized and disposed of as instructed by PG&E: dispose of at the Central or Source IRZ holding tanks.

SOP-A7

Purging and Sampling of Active Domestic Wells with Dedicated Pumps Standard Operating Procedure for PG&E Hinkley Groundwater Monitoring Program

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This standard operating procedure (SOP) describes the procedures and equipment to be used for groundwater sampling of active domestic wells that are equipped with dedicated and functional well pumps at the PG&E Hinkley site.

Samples for water quality measurement and laboratory analysis are collected directly from existing or installed sampling ports at the well head/discharge piping. Samples are not collected from holding tanks.

The active domestic wells are typically larger in diameter and usually have long perforated/screen intervals when compared to monitoring wells. Therefore, the purging and sampling procedures for these wells are different from the procedures used for sampling conventional groundwater monitoring wells.

WELL SURVEY

Prior to sampling a domestic well for the first time, a well survey will be conducted to determine if the well is fit for sampling. The well survey process is outlined below and documented in the Well Survey Form.

1) Confirm and note the operation status (e.g., active) of the domestic well from wellhead meter (if present) or well owner information provided during the sampling appointments with the owners. When possible, inspect and/or confirm the condition of the well, wellhead, and associated aboveground piping.

2) Confirm the presence or absence of a sampling port (a.k.a. spigot or hose bib), pressure relief valve, holding tank, and backflow valve in the tank. Determine whether a well retrofit is needed for the installation of a sampling port before the holding tank.

3) If a well retrofit is necessary to for sample collection, the well owner will be consulted before modifying the well and pump system and request his/her consent. If needed, install a sampling port as close as possible to the wellhead. The most common procedure for this retrofit is to remove the pressure relief valve from the wellhead or pipe and install a small pipe extension with a sampling port and re-install the pressure relief valve at the end of the pipe extension.

DOMESTIC WELL SAMPLING

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- If available, well construction and previous depth to water information will be included in the PST.

- Blank purge and sampling log sheets

PREPARATION AND SETUP

1) Review event-specific PST or event-specific field instructions and HSP.
2) Field-check and setup sampling equipment: water level (WL) meter, water quality (WQ) meters, flow-through cell, field filter, purge water container, health and safety equipment, etc. Inspect and calibrate field equipment prior to use according to SOP-A11, *Calibration of Field Instruments.*
3) Inventory sample bottles, review required analyses, confirm the lab courier schedule, and prepare groundwater sampling log.

PURGING AND SAMPLING PROCEDURES FOR DOMESTIC WELLS

4) If an access port is present in the wellhead seal, and consent has been given by the owner, a water level measurement will be taken from the domestic well. Measure initial static water level according to SOP-A9, *Water Level Measurements*. Record water level value on sampling log.
5) Install a flow-through cell to the sampling port and record a set of water quality parameters (pH, conductivity, temperature, turbidity, dissolved oxygen, temperature, and ORP). If it is not possible to connect the flow-through cell, a clean 5-gallon bucket may be used by filling the bucket with purge water and inserting the instrument probes directly into the bucket. If the bucket is used, turbulence in the bucket should be minimized and only pH, conductivity, ORP, and temperature need to be recorded. Record units and time for all measurements collected. Record on the purge form if any parameter readings are anomalous or unstable due to instrument problems. Re-calibrate instruments if needed.
6) Purge the well for **a minimum of five minutes** to ensure that water contained in the pump, riser pipe, and associated plumbing has been purged. <u>The final purged volume and purge time will depend on the specific well system and the dedicated pump flow rate. In any case, the sample should be collected after the well has been pumped long enough to remove standing water and to ensure that water from the producing formation/s has entered the well casing.</u>
7) Samples will be collected directly from the sampling port. A single set of field parameters should be recorded (collecting stabilized field parameters is not required). Record observations on sample appearance, clarity, and odors.
8) Collect samples for analyses according to the PST and/or event-specific field instructions. Sample containers are to be filled by transferring water directly from the sampling port to the appropriate sample container. If the PST calls for **filtered and/or preserved samples,** refer to SOP-A8, *Sample Field Filtration and Preservation for Metals*.
9) Complete the field sampling log, including description of samples collected, final WL, if possible, and estimated purge volume of discharge or purge. If the pump is equipped with a flow meter, record the flow rate as well. Close and secure the well including access gates or fences.

INVESTIGATION-DERIVED WASTE MANAGEMENT

Different types of potentially-contaminated investigation-derived waste (IDW) will be generated during groundwater sampling efforts. These may include:

- Used personal protective equipment (PPE).
- Disposable sampling equipment.
- Decontamination fluids.
- Purged groundwater and excess groundwater collected for sample container filling.

Used PPE and disposable equipment are not considered hazardous wastes and can be sent to a municipal landfill. These wastes should only be disposed of in approved dumpsters controlled by PG&E or their contractors. Any PPE and disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

Regarding disposal of wastewater (decontamination wash water, and purge and excess groundwater):

- Typically, wastewater generated during sampling of domestic wells will be discharged directly to the ground at the well site. If a large volume of purge water will be generated, the property owner must be consulted to verify that the water can be applied to ground on their property. Otherwise, any wastewater removed from the well site must be contained and transported to an approved disposal location.

SOP-A8

Sample Field Filtration and Preservation for Metals Analyses
Standard Operating Procedure for
PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) describes the procedures and equipment to be used for collecting groundwater samples for field filtered metals analyses at the Hinkley site. Refer to SOP-A1 through SOP-A7 for specific groundwater sampling methods.

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information in provided on the PST.
- Blank purge and sampling log sheets.

FIELD-FILTRATION AND SAMPLE COLLECTION PROCEDURES FOR GROUNDWATER FROM MONITORING AND SUPPLY WELLS

1) Follow SOP-A1 through SOP-A7.

Sample Collection

Samples with turbidity greater than 10 NTU will be filtered through two inline 0.45 micron filters, as discussed in Technical Memorandum "*Use of Dual In-line Filters to Mitigate Erroneous Results Associated with Elevated Turbidity*" (CH2M HILL January, 2011). Samples with turbidity less than 10 NTU will be filtered through one inline 0.45 micron filter.

1) Once the required volume of purge water has been removed and the field parameters are stabilized, connect previously unused inline 0.45 micron filter(s) to the sampling port side of the splitter. Remember — do not change the speed of the pump. Filters must be certified and provided by CH2M HILL.

2) Purge 500 to 1000 milliliters (ml) of water through the inline filter(s) before collecting any samples.

3) Collect a post filter turbidity sample and record on the purge form.

4) For hexavalent chromium and dissolved metals: fill a 1 liter non-preserved sample container to the bottom of the bottle neck and replace the lid, invert the bottle 2 or 3 times to ensure the sample is homogeneous and then transfer (decant) the sample into the pre-preserved bottles required by the PST.

   Dissolved Metals Method SW 6010B and SW 6020A (including Title 22 Metals)

   a) Fill a laboratory provided pre-preserved sample bottle (500 ml poly containing nitric acid [HNO_3]) with the sample to the top of the bottle neck. Care must be taken not to overfill the bottle.

   a) Seal, label, and place the sample on ice.

Hexavalent Chromium Method SM3500 and 218.6

a) Fill a laboratory provided pre-preserved sample bottle (250 ml poly containing $(NH_4)2SO_4/NH_4OH$ buffer solution) to the top of the bottle neck. Care must be taken not to overfill the bottle.

a) Seal, label, and place the sample on ice.

SOP-A9

Water Level Measurements
Standard Operating Procedure for
PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) addresses the procedures and equipment to be used for manually measuring the depth to water at surface water locations, groundwater monitoring wells, supply wells, and domestic wells.

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction and previous depth to water information.
- Blank purge and sampling log sheets.

PREPARATION & SETUP

1) Review event-specific PST or event-specific field instructions and HSP.

2) Ensure that the water level meter has been decontaminated. If the water level meter is not noted as decontaminated in the field notes, decontaminate the lower five feet of the water level meter before using according to SOP-A12, *Decontamination of Water Sampling Equipment*.

3) Inspect all equipment and calibrate water level meters if multiple meters are being used according to SOP-A11, *Calibration of Field Instruments*.

4) If well is equipped with a transducer, and transducer removal is required for water level measurement/sampling, follow SOP-C1, *Temporary Removal and Replacement of Transducers*.

MEASUREMENT PROCEDURES

5) Place water level meter into well or and lower until sensor sounds. Shake the line to remove any retained water. Note depth to water (DTW) measurement to mark on well casing, if there is no mark on casing measure to the north. Repeat three times and record final DTW to the nearest hundredth of a foot on the sampling log. Record well identification, time, date, DTW, and water level meter number.

6) Compare DTW measurement with previous data and note discrepancies on the sampling form. Repeat step #5 if an unexpected discrepancy is noted.

7) Decontaminate the lower five feet of water level meter or any portion of the instrument that came in contact with water, by unwinding the tape of the meter and following SOP-A13, *Decontamination of Water Sampling Equipment*. Record decontamination procedures and the serial number of the water level meter in the field book.

SOP-A10

Field Water Quality Measurements Using a Flow-through Cell Standard Operating Procedure for PG&E Hinkley Groundwater Monitoring Program

This Standard Operating Procedure (SOP) provides general guidelines for using the YSI 556 or YSI Professional Plus Water Quality meter and flow-through cell or similar device for field measurements of pH, specific conductance, turbidity, dissolved oxygen, oxidation-reduction potential (ORP), and temperature of groundwater samples. The manufacturer's manual should be consulted for detailed calibration and operating procedures.

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Equipment Manufacturer Manuals
- Blank purge and sampling log sheets

PREPARATION & SETUP

1) Review event-specific PST or event-specific field instructions, HSP, Equipment Procedures Manual, and initiate sampling logs for sampling activity.
2) Inspect all equipment: YSI 556 or YSI Professional Plus Water Quality Meter with flow-through cell, or similar device; distilled water in squirt bottle.
3) Prior to each day's use, clean the probes and flow-through cell according to manufacturer's directions and calibrate the field water quality (WQ) meters according to SOP-A11, *Calibration of Field Instruments*.

The YSI 556 or YSI Professional Plus Water Quality Meter is capable of measuring the following parameters:

Parameter	Range of Measurement	Accuracy
pH	0 – 14 pH	+/- 0.2 pH units
Specific Conductivity	0 – 100 mS/cm	+/- 0.5 % of reading to 0.001mS/cm
Dissolved Oxygen	0 – 50 mg/l	+/- 0.2 mg/l Depending on DO probe
Temperature	-5 – 50 ºC	+/- 0.15 ºC
ORP	-999 mv - +999 mv	+/- 20 mV in redox solution
Salinity	0 – 70 ppt	+/- 1.0 % of reading or .1 ppt whichever is greater

SAMPLE MEASUREMENT PROCEDURES

1) Connect the discharge tubing from the pump to the inlet side (bottom port) of the flow-through cell.
2) Connect the discharge tubing to the outlet side (top port) of the flow-through cell.
3) Place the discharge tube in a purge water collection vessel.
4) Record the time and start the pump.
5) Establish a suitable discharge rate of the pump that is consistent with the PST and guidance.
6) Allow the well drawdown to stabilize and the temperature of the flow-through cell to equilibrate with the water temperature.
7) Turn the meter on to the measure mode.
8) Record water quality readings at regular intervals every three to five minutes. Keep in mind that the time interval between successive readings should not be shorter than the recharge time of the flow-through cell. For example, if the volume of the flow-through cell is 375 mL and the stabilized discharge rate is 137 mL/minute, the water quality readings should be at least 3 minutes apart.
9) Record the water quality information, volume of water discharged, the ending water quality characteristics, the ending water level, and the sample time and number in the field logbook and/or field sampling data sheet, if used.

Key Checks and Preventive Maintenance

- Calibrate meter according to SOP-A11, *Calibration of Field Instruments*.
- Clean probe with distilled water when done.
- If probes are dirty, rinse with a weak Alconox solution in the flow-through cell. If the device still does not calibrate, rinse with weak Alconox solution, isopropyl alcohol, Alconox, and rinse well with distilled or tap water.
- Store device using tap water. Use of deionized water will ruin the probes.
- Refer to operations manual for recommended maintenance.
- Check batteries, and have a replacement set on hand.

SOP-A11

Calibration of Field Instruments
Standard Operating Procedure for
PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) addresses the procedures and equipment to be used for calibration of field instruments at the Hinkley site. This SOP should be used for calibration of water level meters (Heron or Solinst), water quality meters (YSI 556 or YSI Professional Plus) with flow-through cell and HACH turbidity meters.

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Equipment Manufacturer Manuals
- Previous Calibration Records
- Field Equipment Binder (documents equipment servicing, calibration, etc..)
- Blank Calibration Sheets (see attached)

PREPARATION & SETUP

1) Review event-specific PST or event-specific field instructions and HSP.
2) Inspect all equipment necessary to carry out activities detailed in event-specific PST.
3) Calibration should be performed prior to initiating sampling each day. Always use fresh solutions for calibration
4) Review Field Equipment Binder equipment servicing records to anticipate next service.
5) All equipment and solutions are stored in an air-conditioned office onsite to maintain the integrity. Due to extreme temperature at the site, all calibrations are performed within this office.
6) The Heron or Solinst water level meters shall be used as the principal field instruments for measuring depth to water in wells.
7) The YSI 556 or YSI Professional Plus water quality meter shall be used as the principal field instruments for measuring water quality parameters during groundwater sampling.

EQUIPMENT NEEDED

Water Level Meter:

- Surveyor's tape measure

YSI 556 or YSI Professional Plus Water Quality Meter:

- Calibrating solutions
- Spare batteries
- DI water

HACH Turbidity Meter:

- Autocal solution
- Level II solution
- ORP check solution
- Spare batteries
- DI water

CALIBRATION PROCEDURES

Water Level Meters

When using a single water level meter:

1) Unroll and extend the water level meter tape to its full length

2) Extend a surveyor's tape measure (graduated in 0.01-ft increments) next to the water level meter tape

3) Starting from the zero-foot mark on both the water level meter and surveyor's tapes, compare the markings down the entire length of the two tapes at ten-foot increments. On the water level meter calibration sheet, note next to the water level tape distances what the corresponding distance is on the surveyor's tape (i.e., water level distance - 10 feet; surveyor's tape distance – 10.01 feet)

   When using multiple water level meters at the site it is necessary to calibrate each against each other at least once during the sampling event (usually the first day before the site-wide water level snapshot) using the following procedure:

4) Lower each water level meter into a specified well and record the reading to the nearest hundredth of a foot on the calibration sheet along with water level meter number, time, and date.

5) If there are two or more water level meters being used and they are reading different depths to water with a difference bigger than 0.01 of a foot:

   a) Repeat steps #1 through #3 for all the water level meters

b) If the measured distance between the water-level meters do not correspond with the measurements taken with the surveyor's measure tape (difference bigger than 0.01) then mark and affix a tag to the water level meter with the measurement calibrated offset distance in ft

Water Quality and Turbidity Meters

Check expiration date of calibration solution and discard if expired. For calibration instructions, please refer to specific Equipment Manufacturer Manuals

SOP-A12

Decontamination of Water Sampling Equipment
Standard Operating Procedure for
PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) describes the procedures and equipment to be used for decontamination of sampling equipment at the Hinkley site.

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).

PREPARATION & SETUP

1) Initiate field log sampling book for activity.
2) Inspect all equipment necessary to carry out activities detailed in event-specific PST.
3) Review manufacturer decontamination guidelines for equipment necessary to carry out activities.

Equipment List:

1) Spay bottle with distilled water.
2) Spay bottle with 2.5 percent (W/W) Alconox and distilled water solution.
3) Large plastic pails, tubs and 5-gallon buckets for Alconox and distilled water, scrub brushes, squirt bottles for Alconox solution, distilled water, and clean plastic bags.
4) Trash pump to transfer used decontamination water from tubs to holding tank for disposal of waste.
5) Phthalate-free gloves.

GUIDELINES

Field Equipment

Any equipment used (temporary pump, dedicated pump power supply line, hose claps, etc.) will be decontaminated before use and between each sampling location.

Water Level Meters
Any portion of a water-level indicator (e.g. probe and/or cable) that contacts the groundwater must be decontaminated by washing with Alconox or Liquinox solution and rinse with distilled water after use.

Pumps/Probes/Cables
Sampling pumps, probes (e.g., pH or specific ion electrodes, geophysical probes, etc.) and/or cables that come into contact with groundwater will be decontaminated using the

procedures specified below unless manufacturer's instructions indicate otherwise. For probes that make no direct contact (e.g., OVM equipment), the probe will be wiped with paper towels.

PROCEDURES

Sampling Equipment Decontamination—Groundwater Sampling Pumps

Sampling pumps are decontaminated after each use as follows:

1) Don phthalate-free gloves.
2) Turn off pump after sampling. Remove pump from well and place pump in decontamination tub, making sure that tubing does not touch the ground.
3) Turn pump back on and pump 1 gallon of Alconox solution through the sampling pump.
4) Rinse with a minimum of 1 gallon of distilled water.
5) Keep decontaminated pump in decontamination tub or remove and wrap in clean plastic sheeting or clean plastic garbage bag.
6) Collect all rinsate and dispose of at the Central or Source IRZ holding tanks as instructed by PG&E.
7) Decontamination materials (e.g., plastic sheeting, tubing, etc.) that have come in contact with used decontamination fluids or sampling equipment will be placed in a municipal refuse dumpster. These wastes are not considered hazardous and can be sent to a municipal landfill. Any PPE and disposable equipment that is to be disposed of that could still be reused will be rendered inoperable before disposal in the refuse dumpster.

Sampling Equipment Decontamination—Other Equipment

Reusable sampling equipment is decontaminated after each use as follows.

1) Don phthalate-free gloves.
2) Wash all equipment surfaces that contacted the potentially contaminated soil/water with Alconox solution.
3) Rinse with distilled water or triple rinse with potable water.
4) Air dry and wrap exposed areas with plastic sheeting or a clean plastic garbage bag for transport and handling if equipment will not be used immediately.
5) Collect all rinsate and dispose of in a DOT-approved 55-gallon drum or holding tank.
6) Decontamination materials (e.g., plastic sheeting, tubing, etc.) that have come in contact with used decontamination fluids or sampling equipment will be disposed of in DOT-approved 55-gallon drums.

KEY CHECKS AND ITEMS

- Clean with solutions of Alconox and distilled water.
- If necessary, decontaminate the outside of filled sample bottles before relinquishing them to anyone.
- All materials generated during sampling (debris, PPE, decontamination liquids, etc.) will be placed in 55-gallon drums or rolloff bins for storage pending analysis and disposal off site.
- Document all decontamination procedures in the field log book. Prior to use of equipment during a sampling event, check log book to see that equipment was decontaminated, if not proceed with decontamination procedures prior to use. At the end of an event, tag equipment as decontaminated with initials and date. Remove the tag prior to use at the beginning of the next event. If at the beginning of a sampling event this tag is not visible or complete, proceed with decontamination of equipment.
- The effectiveness of field cleaning procedures will be monitored by rinsing decontaminated equipment (i.e. portable pump) with organic-free water and submitting the rinse water in standard sample containers for analysis. The minimum number of equipment blank samples will be at least one per team (per event), per piece of equipment decontaminated, during large-scale field sampling efforts.

SOP-A13

Measurement of Well Total Depth
Standard Operating Procedure for
PG&E Hinkley Groundwater Monitoring Program

This standard operating procedure (SOP) addresses the procedures and equipment to be used for manually measuring the total depth (TD) at groundwater monitoring wells and supply wells. TD measurements will be recorded in the groundwater sampling forms (purge forms). These TD measurements will be included in the event-specific PST for each sampling event.

REQUIRED DOCUMENTS

- Event-specific "planned sampling and analysis table" (PST).
- Applicable project work plan or monitoring plan, and related Hinkley SOPs as needed.
- Hinkley Program Health and Safety Plan (HSP).
- Well construction information (provided in PST).
- Previous TD data.
- Blank purge and sampling log sheets.

PREPARATION & SETUP

1) Review event-specific PST or event-specific field instructions, HSP, previous sampling logs, and initiate field logbook for sampling activity.

2) Ensure that the water level meter has been decontaminated or decontaminate as needed following SOP-A12, *Decontamination of Water Sampling Equipment.*

3) If a transducer is present in the well and it is necessary to remove transducer to allow well access, refer to SOP-C1, *Temporary Removal and Replacement of Transducers.*

MEASUREMENT PROCEDURES

4) Place water level meter into well and lower until the bottom of the probe touches the bottom of the well. Note TD measurement to mark on well casing, if there is no mark on casing measure to the north. Repeat three times and record final TD to the nearest hundredth of a foot on the log. Also note the condition of the well bottom (i.e. hard bottom, soft bottom). Record well identification, time, date, and TD.

5) Compare TD measurement with previous data and note discrepancies on the sampling form. Repeat step #6 if an unexpected discrepancy is noted.

6) Decontaminate the entirety of the measuring tape, or any portion of the instrument that came in contact with water, following SOP-A12, *Decontamination of Water Sampling Equipment*.

APPENDIX C

Groundwater Field Parameters Measurements (Field notes provided at Geotracker website http://geotracker.waterboards.ca.gov/profile_report?global_id=SL0607111288)

Table C-1
Groundwater Field Parameter Measurements
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Depth to Water (ft)	pH	Specific Conductance (µS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity (ppt)	Total Dissolved Solids (mg/L)	ORP (mV)
26-65	04/09/2020	nm	7.40	1,720	1.0	5.36	20.50	0.960	1,220	-63.0
26-66	04/09/2020	nm	8.30	571	1.0	1.79	18.50	0.320	420	68.0
BW-01D	04/09/2020	90.69	7.60	559	6.0	2.99	21.20	0.270	350	66.0
BW-01S	04/09/2020	87.52	7.10	1,020	8.0	3.86	21.50	0.510	660	71.0
	06/02/2020	89.05	6.80	1,020	6.0	1.70	23.90	0.500	660	-22.0
C-01	04/14/2020	85.00	6.70	4,730	4.0	5.15	21.10	2.540	3,070	93.0
C-02	04/07/2020	nm	6.80	6,440	nm	5.36	21.40	nm	nm	-66.0
C-03	04/07/2020	nm	6.70	7,730	1.0	5.41	21.50	4.290	5,030	-70.0
C-04	04/14/2020	83.00	7.00	1,820	2.0	3.31	20.30	0.930	1,180	35.0
CA-MW-107D	04/16/2020	96.58	6.90	1,440	8.0	0.41	23.10	0.320	610	-5.1
CA-MW-312D	04/24/2020	108.91	7.10	1,530	50	2.65	25.70	0.300	500	-26.0
CA-MW-313R	04/24/2020	108.90	7.10	1,290	26	3.02	22.60	0.310	540	46.0
CA-MW-412D	04/24/2020	109.68	7.30	1,370	50	3.10	25.80	0.320	560	32.0
CA-MW-412D2	04/24/2020	104.59	7.40	710	49	5.31	24.60	0.310	560	73.0
CA-MW-510D	05/04/2020	102.47	7.30	1,340	8.0	3.72	21.70	0.670	870	71.0
DW-02	04/17/2020	87.25	6.50	3,640	9.0	0.89	20.00	2.130	2,610	130.0
DW-03	04/09/2020	88.43	7.40	5,060	1.0	2.31	21.10	2.730	3,280	140.0
EX-02	04/07/2020	nm	6.80	6,720	1.0	5.07	19.20	3.700	4,370	-63.0
EX-03	04/24/2020	nm	6.40	3,730	8.0	1.26	21.40	1.970	2,420	100.0
	06/05/2020	nm	7.30	4,140	2.0	5.94	20.60	2.200	2,690	51.0
EX-04	04/14/2020	77.30	6.80	3,540	2.0	4.33	25.40	1.850	2,300	66.0
	06/05/2020	nm	7.00	3,940	2.0	4.72	26.10	2.080	2,560	43.0
EX-05	04/14/2020	91.24	7.60	756	4.0	5.25	22.90	0.370	480	200.0
EX-15	04/16/2020	nm	7.30	722	1.0	4.57	22.90	0.370	490	120.0
EX-16	04/23/2020	103.50	7.40	1,120	23	3.06	23.50	0.630	810	58.0
EX-17	04/23/2020	101.71	7.50	427	8.0	0.10	23.80	0.210	200	10.0
EX-20	04/16/2020	nm	7.30	717	1.0	8.58	24.90	0.360	470	57.0
EX-21	05/08/2020	105.86	7.90	493	6.0	3.21	23.30	0.230	300	40.0
EX-22	04/16/2020	nm	7.00	1,480	1.0	5.47	22.10	0.790	1,020	85.0
EX-23	04/24/2020	86.86	6.80	3,940	3.0	0.79	22.40	2.080	2,550	98.0
EX-25	04/07/2020	nm	7.00	5,370	1.0	3.92	21.00	2.910	3,510	-74.0

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EX-27	04/07/2020	nm	6.90	4,550	1.0	4.95	20.50	2.430	2,950	-77.0
EX-29	04/16/2020	nm	7.10	1,010	1.0	6.33	21.70	0.530	700	92.0
EX-30	04/16/2020	nm	7.10	812	1.0	5.43	21.60	0.430	570	92.0
EX-31	04/16/2020	nm	6.80	2,550	1.0	9.75	22.20	1.400	1,740	11.0
	06/04/2020	nm	6.60	2,870	2.0	8.65	22.50	1.570	1,960	7.5
EX-32	04/16/2020	nm	6.90	2,080	3.0	3.94	23.00	1.060	1,340	38.0
EX-33	04/16/2020	nm	6.70	3,790	1.0	6.01	21.80	2.140	2,620	71.0
EX-34	04/07/2020	nm	6.90	4,170	1.0	4.76	20.90	2.220	2,710	-65.0
EX-35	04/07/2020	nm	6.80	6,980	2.0	6.01	20.90	3.840	4,530	-68.0
EX-36	05/08/2020	94.59	7.90	757	35	3.31	23.30	0.370	490	18.0
	06/04/2020	94.45	7.00	707	9.0	3.58	22.80	0.360	480	64.0
EX-37	04/16/2020	nm	7.00	1,320	1.0	5.94	22.70	0.690	900	99.0
EX-38	04/16/2020	nm	7.20	1,530	2.0	7.89	23.20	0.830	1,070	110.0
EX-39	04/24/2020	nm	6.90	1,370	4.0	0.96	20.70	0.690	890	110.0
EX-41	04/09/2020	nm	7.00	2,680	1.0	0.47	21.70	1.390	1,740	-58.0
EX-42	04/09/2020	nm	7.10	3,630	2.0	1.35	20.00	1.920	2,350	-73.0
EX-50	05/05/2020	nm	7.80	1,300	1.0	3.62	22.10	0.650	840	62.0
EX-51	04/09/2020	nm	7.00	3,780	1.0	1.32	19.00	2.010	2,470	-59.0
EX-52	04/09/2020	nm	7.00	3,800	2.0	2.85	17.30	2.020	2,470	-53.0
EX-53	04/16/2020	nm	7.20	1,320	2.0	5.05	22.00	0.660	850	32.0
EX-55	04/16/2020	nm	6.90	1,240	1.0	4.77	20.20	0.680	880	130.0
EX-56	04/09/2020	nm	7.20	3,260	3.0	4.45	18.80	1.710	2,110	-59.0
EX-59	04/09/2020	nm	7.20	3,480	1.0	5.21	18.20	1.840	2,260	-50.0
EX-60D	04/09/2020	nm	7.20	3,390	1.0	2.13	19.10	1.790	2,210	-62.0
EX-61D	04/09/2020	nm	7.10	3,580	1.0	4.14	19.30	1.890	2,330	-66.0
EX-62	04/09/2020	nm	7.10	4,310	1.0	5.08	21.50	2.300	2,810	-67.0
G-1R	04/23/2020	82.80	6.40	4,540	3.0	0.91	20.40	2.440	2,850	-99.0
G-2R	04/09/2020	nm	6.20	4,840	3.0	0.78	14.80	2.610	3,140	-57.0
G-5R	04/09/2020	nm	6.80	8,170	2.0	5.22	21.20	4.540	5,300	-65.0
IW-01	04/14/2020	84.02	6.90	2,250	1.0	3.18	20.60	1.160	1,460	140.0
IW-02	04/14/2020	85.50	7.20	1,590	2.0	3.76	20.30	0.800	1,030	150.0

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IW-03	04/14/2020	86.00	7.00	1,620	3.0	4.80	20.60	0.810	1,050	160.0
MW-01	04/22/2020	86.09	7.00	1,040	1.0	3.71	21.80	0.520	670	48.0
MW-03	04/22/2020	107.42	7.30	1,020	7.0	4.72	18.50	0.510	660	86.0
MW-04	04/13/2020	95.19	7.60	1,160	3.0	0.59	20.30	0.640	820	150.0
MW-05	04/13/2020	102.61	7.50	849	10	5.90	19.20	0.470	620	120.0
MW-09	04/13/2020	102.16	7.20	888	6.0	5.30	21.10	0.470	620	130.0
MW-10	04/20/2020	104.84	6.90	1,200	4.0	1.61	20.60	0.660	850	110.0
MW-11B	04/13/2020	94.16	7.10	1,400	3.0	3.47	22.20	0.700	900	37.0
MW-14B	04/17/2020	105.61	7.90	3,720	15	2.64	20.10	1.910	2,380	-80.0
MW-15	04/22/2020	93.46	7.10	1,010	3.0	2.97	24.50	0.490	650	65.0
MW-16	04/17/2020	97.82	7.00	1,720	3.0	0.93	22.50	0.380	550	6.3
MW-17	04/17/2020	86.81	7.00	1,850	4.0	2.86	23.20	0.980	1,250	110.0
MW-20	04/22/2020	90.69	7.10	1,140	7.0	3.87	21.20	0.550	730	50.0
MW-21A	04/08/2020	97.68	6.80	3,660	4.0	3.87	21.10	1.930	2,370	85.0
MW-21B1	04/08/2020	101.90	7.00	1,670	4.0	3.51	21.50	0.850	1,090	57.0
MW-21C	04/08/2020	95.64	7.60	1,630	5.0	2.56	19.80	0.830	1,060	20.0
MW-221S	04/24/2020	81.28	7.20	2,030	6.0	3.56	22.30	1.040	1,310	65.0
MW-226D	04/06/2020	nm	7.60	1,060	5.0	0.45	21.60	0.520	690	-88.0
MW-226S	04/06/2020	76.31	7.50	911	5.0	0.57	21.80	0.450	590	11.0
MW-22B	04/13/2020	103.97	7.10	1,760	42	4.04	20.10	0.900	1,150	76.0
MW-23B	04/13/2020	102.19	7.40	1,180	3.0	3.87	20.70	0.580	760	75.0
MW-23C	04/13/2020	100.41	7.40	1,880	2.0	0.96	22.70	0.960	1,220	17.0
MW-27A	04/15/2020	103.71	7.10	1,640	3.0	2.01	22.80	0.830	1,070	25.0
MW-27B	04/15/2020	106.77	6.80	1,470	1.0	2.10	22.00	0.740	950	48.0
MW-28B	04/13/2020	101.50	7.60	3,220	5.0	6.03	20.00	1.710	2,120	-58.0
MW-28C	04/13/2020	98.40	7.30	3,490	10	0.89	22.50	1.490	2,240	-150.0
MW-29	04/14/2020	92.58	7.40	815	7.0	7.99	23.60	0.380	620	-27.0
MW-30B2	04/10/2020	102.25	7.10	1,430	8.0	2.59	18.80	0.380	520	100.0
MW-31	04/23/2020	99.11	6.70	4,390	6.0	5.68	21.10	0.380	590	-22.0
MW-31C	04/10/2020	94.35	6.70	5,270	10	6.69	20.00	0.390	560	30.0
MW-32B1	04/08/2020	100.31	7.30	1,170	3.0	4.17	20.50	0.600	780	100.0

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MW-32S	04/08/2020	83.51	6.80	4,030	44	1.84	22.70	2.030	2,480	28.0
MW-34	04/08/2020	93.62	8.80	1,260	4.0	3.35	22.90	0.620	800	50.0
MW-36	04/16/2020	109.05	7.50	774	2.0	3.32	23.20	0.380	500	74.0
MW-37	04/15/2020	107.92	7.40	2,870	7.0	0.75	22.30	1.470	1,830	-76.0
MW-38B	04/15/2020	112.85	7.20	976	9.0	1.46	24.50	0.480	630	99.0
MW-39	04/22/2020	88.32	6.60	978	9.0	0.45	24.70	0.350	620	-15.0
MW-39D	04/23/2020	85.69	6.80	941	6.0	0.31	23.70	0.480	600	-37.0
MW-41S	04/10/2020	88.30	6.90	1,630	40	7.35	22.30	0.360	610	59.0
MW-42B1	04/10/2020	102.62	6.70	8,430	10	5.28	21.70	4.620	5,430	-65.0
MW-42B2	04/10/2020	102.50	6.60	8,110	7.0	4.84	21.10	4.500	5,190	-67.0
MW-42C	04/10/2020	96.81	6.70	4,540	4.0	0.74	22.40	2.390	2,920	-85.0
MW-43	04/23/2020	99.43	6.70	4,310	5.0	5.27	22.80	0.390	550	35.0
MW-44B	04/15/2020	109.71	7.50	697	1.0	1.93	24.10	0.340	450	110.0
MW-45A	04/14/2020	100.50	7.30	2,880	8.0	3.20	23.50	1.510	1,890	-52.0
MW-45B	04/14/2020	100.00	6.90	3,090	12	1.19	23.20	1.410	2,310	-90.0
MW-47	05/07/2020	91.16	7.60	794	5.0	3.10	24.30	0.390	510	25.0
MW-49A	04/15/2020	97.24	7.00	1,430	1.0	2.15	22.30	0.720	920	70.0
MW-49B	04/15/2020	98.38	6.80	1,680	1.0	2.24	21.40	0.840	1,080	86.0
MW-49S	04/15/2020	93.29	7.10	1,640	8.0	3.50	22.20	0.840	1,080	110.0
MW-50B	04/07/2020	101.84	7.20	1,080	2.0	2.29	22.50	0.300	520	-59.0
MW-50S	04/07/2020	86.52	6.80	1,870	30	5.49	23.60	0.330	590	-33.0
MW-55A	04/07/2020	97.68	7.50	1,210	3.0	1.10	22.50	0.380	650	-64.0
MW-55C	04/07/2020	87.11	8.10	625	2.0	0.09	23.20	0.380	600	-98.0
MW-55S	04/07/2020	82.63	6.60	5,350	22	5.10	23.10	0.350	580	-15.0
MW-56	04/07/2020	103.28	6.80	1,390	3.0	5.16	22.30	0.390	580	-30.0
MW-57	04/10/2020	82.74	7.50	560	1.0	1.46	23.30	0.270	370	130.0
MW-57D	04/10/2020	80.14	7.50	576	7.0	1.55	22.60	0.280	370	130.0
MW-58	05/07/2020	90.41	7.70	553	7.0	3.15	23.90	0.270	370	24.0
	06/05/2020	90.78	7.39	509	6.0	2.10	22.20	0.250	330	128.0
MW-62A	04/09/2020	100.90	7.40	3,440	4.0	0.60	21.10	1.810	2,230	9.4
MW-62C	04/09/2020	91.85	7.60	2,000	4.0	0.36	22.40	1.030	1,300	-110.0

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MW-66A	04/24/2020	93.52	7.30	1,310	5.0	5.44	24.30	0.660	860	28.0
MW-67B	04/06/2020	113.32	7.70	456	6.0	2.99	24.70	0.220	290	67.0
MW-68C	04/08/2020	90.59	7.60	1,210	3.0	0.45	21.60	0.610	790	-57.0
MW-68D	04/08/2020	98.90	6.90	4,960	30	0.66	21.60	2.670	3,230	-31.0
MW-68S	04/08/2020	86.53	6.90	4,960	22	0.58	21.30	2.670	3,220	-52.0
MW-69D	04/09/2020	89.67	6.80	4,790	34	3.61	21.80	2.600	3,140	58.0
MW-69S	04/09/2020	80.02	6.70	5,980	23	4.83	18.00	3.270	3,890	75.0
MW-70D	04/08/2020	91.39	7.40	1,540	29	0.49	21.80	0.780	1,000	-96.0
MW-70S	05/06/2020	81.21	6.80	6,640	31	3.55	24.60	3.600	4,280	64.0
MW-71D	04/08/2020	91.11	7.50	552	46	0.50	21.40	0.270	350	-120.0
MW-71S	04/08/2020	84.80	6.80	5,430	33	0.74	22.20	3.050	3,660	-47.0
MW-72S	05/06/2020	82.97	7.10	3,470	43	2.81	25.50	1.900	2,350	44.0
MW-73D	04/16/2020	109.80	6.90	2,920	9.0	1.82	23.20	1.500	1,920	-68.0
	06/04/2020	108.90	6.90	577	16	6.04	25.80	0.270	370	120.0
MW-74D	04/16/2020	111.50	7.10	2,900	9.0	0.75	23.80	1.540	1,920	-73.0
MW-74D2	04/16/2020	110.77	6.80	2,810	5.0	1.95	23.90	1.430	1,800	-69.0
MW-75D	04/24/2020	106.61	7.40	829	46	3.19	24.40	0.400	530	61.0
MW-76S	04/09/2020	105.09	7.50	812	40	8.88	18.90	0.380	640	49.0
MW-78S	04/16/2020	89.41	7.60	459	7.0	2.24	23.00	0.220	300	42.0
MW-79S	04/07/2020	81.86	6.90	1,920	9.0	3.14	23.00	0.980	1,240	120.0
MW-80S	04/09/2020	81.43	7.40	258	40	1.46	19.60	0.120	160	130.0
MW-83D	04/23/2020	87.40	6.60	5,200	21	2.46	23.80	0.350	610	-12.0
MW-83S	04/23/2020	87.46	6.60	4,880	55	3.05	26.20	0.360	620	-18.0
MW-84D	04/13/2020	83.57	7.20	1,760	49	0.29	23.40	0.350	560	42.0
MW-84S	04/13/2020	80.11	6.80	5,990	25	5.06	23.60	0.390	610	-28.0
MW-85D	04/13/2020	84.85	7.80	419	34	0.28	22.60	0.340	620	48.0
MW-85S	04/13/2020	79.42	6.70	9,140	45	5.82	22.40	0.290	660	-19.0
MW-86D	04/08/2020	92.88	7.50	2,420	5.0	0.92	21.20	1.270	1,590	-69.0
MW-86S	04/08/2020	85.90	7.80	2,450	35	6.24	18.00	1.100	1,370	-71.0
MW-87D	04/09/2020	91.89	6.60	897	39	0.60	21.60	0.440	580	-71.0
MW-87S	04/09/2020	81.68	7.80	1,770	35	0.47	24.90	0.900	1,150	-82.0

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MW-88D	04/24/2020	96.00	7.60	825	33	3.00	23.10	0.400	530	57.0
MW-88S	04/24/2020	85.00	7.00	1,640	48	2.65	21.60	0.810	1,040	47.0
MW-89D	04/06/2020	86.50	7.10	4,840	5.0	0.87	22.30	2.690	3,300	-83.0
MW-89S	04/06/2020	79.62	6.60	8,650	8.0	1.68	22.80	4.830	5,620	-78.0
MW-90C	05/06/2020	96.79	7.80	3,140	45	3.25	23.90	1.620	2,020	50.0
MW-91C	04/13/2020	98.34	7.40	3,070	3.0	0.25	22.40	1.610	2,030	-79.0
MW-92C	04/13/2020	97.10	6.90	4,340	14	1.67	23.60	2.290	2,800	-79.0
MW-93C	04/14/2020	101.66	7.80	436	4.0	3.14	23.80	0.210	270	38.0
MW-94S	04/07/2020	79.21	7.00	2,060	16	3.31	23.20	1.050	1,330	120.0
MW-95S	04/15/2020	91.11	7.00	4,370	12	1.62	23.10	2.210	2,600	-69.0
MW-96S	05/07/2020	nm	7.70	669	20	3.18	24.50	0.340	460	93.0
MW-97S	04/07/2020	86.24	7.70	340	9.0	3.52	22.30	0.160	220	47.0
	06/05/2020	86.31	7.16	383	45	2.05	24.60	0.180	250	46.0
MW-98C	04/14/2020	96.90	7.80	640	4.0	2.16	23.40	0.310	400	25.0
MW-99C	04/10/2020	97.93	6.80	5,360	14	1.20	22.00	1.330	2,240	-48.0
MW-100C	04/23/2020	98.19	6.80	2,650	18	4.70	26.20	0.390	520	-11.0
MW-101D	04/14/2020	95.31	7.20	2,290	47	3.30	23.60	1.180	1,480	47.0
MW-102D	04/15/2020	99.11	7.40	1,030	5.0	3.74	21.60	0.510	660	83.0
MW-103D	05/07/2020	nm	6.90	1,740	30	1.71	21.90	0.930	1,180	57.0
	06/04/2020	96.21	6.40	1,700	9.0	2.51	21.40	0.930	1,180	120.0
MW-104S1	04/07/2020	77.28	7.70	685	32	1.98	22.20	0.330	440	45.0
MW-105D	04/06/2020	80.34	7.90	443	14	0.16	22.80	0.390	680	76.0
MW-105S	04/06/2020	78.45	7.10	1,490	10	5.64	23.90	0.300	640	86.0
MW-106S	04/06/2020	78.68	7.20	846	6.0	0.72	22.90	0.410	540	41.0
MW-107S	04/07/2020	78.32	7.20	1,230	9.0	2.66	22.70	0.620	800	110.0
MW-108D	04/13/2020	100.86	7.50	675	6.0	3.16	23.70	0.330	440	44.0
MW-109	04/13/2020	96.90	7.20	4,110	46	3.96	20.20	2.180	2,660	-61.0
MW-110S	05/06/2020	79.78	7.60	1,770	41	3.28	23.20	0.890	1,130	37.0
MW-111S2	04/15/2020	75.40	7.70	803	8.0	3.31	23.40	0.400	520	49.0
MW-112S	04/07/2020	83.09	6.90	2,030	25	3.63	23.40	1.030	1,310	110.0
MW-113S1	04/07/2020	73.41	7.70	567	8.0	2.43	22.90	0.270	370	38.0

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MW-116D1	04/13/2020	89.97	6.90	1,450	35	3.51	23.50	0.340	570	110.0
MW-117S1	04/07/2020	80.93	7.30	1,810	6.0	0.62	22.90	0.910	1,170	-59.0
MW-117S2	04/07/2020	80.91	7.20	3,680	5.0	0.59	23.50	1.940	2,380	-34.0
MW-118S	04/10/2020	76.38	7.40	913	9.0	2.90	23.20	0.450	590	130.0
MW-121D	04/10/2020	94.02	7.30	630	20	3.21	23.10	0.300	550	17.0
MW-121S	04/10/2020	92.61	7.20	1,400	9.0	1.23	20.50	0.680	880	150.0
		92.71	7.20	1,400	9.0	1.23	20.50	0.680	880	150.0
MW-122D	04/14/2020	99.20	7.50	454	29	0.70	23.60	0.290	610	41.0
MW-123S2	04/06/2020	78.13	7.10	2,720	2.0	2.47	22.70	1.410	1,760	91.0
	06/05/2020	78.92	7.60	2,900	7.0	5.39	24.70	1.500	1,870	70.0
MW-124S1	04/06/2020	76.81	7.40	748	5.0	2.37	22.90	0.360	480	140.0
MW-124S2	04/06/2020	77.00	7.50	1,070	6.0	3.49	22.70	0.530	690	170.0
MW-125S1	04/06/2020	76.88	7.10	2,700	6.0	2.13	23.50	1.390	1,740	110.0
MW-126S1	04/07/2020	82.69	7.00	3,740	27	3.82	21.80	1.980	2,430	75.0
MW-126S2	04/07/2020	82.73	6.90	4,140	6.0	3.32	23.00	2.200	2,690	54.0
MW-127S1	04/07/2020	82.47	6.80	5,170	43	3.67	24.50	2.770	3,360	52.0
	06/05/2020	82.79	7.10	5,240	41	5.30	24.70	2.870	3,460	44.0
MW-127S2	04/06/2020	82.41	6.80	7,720	7.0	2.27	23.20	4.280	4,980	-84.0
MW-128S1	04/06/2020	79.33	6.90	2,080	45	4.38	22.70	0.310	640	110.0
MW-128S2	04/06/2020	79.29	6.80	3,140	24	4.53	22.80	0.360	580	82.0
MW-128S3	04/06/2020	79.61	6.80	1,770	9.0	4.32	22.30	0.360	650	97.0
MW-130S1	04/08/2020	77.20	7.50	2,680	5.0	5.48	20.60	1.370	1,750	-73.0
	06/03/2020	77.25	7.00	811	42	3.26	24.80	0.400	520	28.0
MW-131S1	04/08/2020	67.70	7.50	3,000	10	4.20	22.30	1.520	1,900	-75.0
	06/04/2020	67.79	7.00	1,120	41	5.41	23.80	0.550	720	64.0
MW-133S1	04/20/2020	71.81	7.70	405	23	4.40	23.20	0.200	270	120.0
MW-135S1	06/04/2020	69.15	8.00	599	27	5.90	24.10	0.270	360	80.0
MW-136S1	04/08/2020	69.40	7.60	2,340	4.0	3.21	21.20	1.210	1,520	-68.0
	06/04/2020	69.38	7.90	610	8.0	5.61	23.50	0.300	390	71.0
MW-137S3	04/09/2020	68.33	7.70	396	8.0	0.36	22.50	0.190	250	-14.0
MW-138S1	04/09/2020	64.59	7.70	400	1.0	1.28	22.30	0.190	250	120.0
MW-139S1	04/09/2020	68.17	7.40	687	6.0	1.34	22.60	0.340	440	110.0

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MW-140S1	04/09/2020	72.67	7.60	514	9.0	2.13	22.60	0.250	330	130.0
MW-141S2	04/24/2020	70.99	7.60	450	9.0	3.36	23.50	0.220	300	74.0
MW-142S3	04/07/2020	70.88	7.50	751	7.0	3.49	22.50	0.370	480	38.0
MW-147D	04/14/2020	82.36	7.60	2,780	4.0	2.04	22.90	1.410	1,790	-66.0
	06/04/2020	82.38	7.10	727	22	4.20	24.20	0.350	460	45.0
MW-147S	04/14/2020	81.50	7.30	4,080	10	1.02	22.70	2.210	2,650	-57.0
MW-148S	05/08/2020	82.17	7.70	1,550	44	3.50	23.40	0.820	1,050	35.0
MW-153S	04/09/2020	91.87	7.40	1,010	7.0	6.01	22.50	0.330	520	58.0
	06/05/2020	91.81	7.10	844	7.0	4.50	24.20	0.420	560	100.0
MW-154S1	04/20/2020	70.29	8.20	448	44	4.29	24.80	0.440	1,210	100.0
MW-155D	04/15/2020	107.30	7.40	2,840	9.0	2.19	22.90	1.460	1,820	-81.0
MW-155S	04/15/2020	112.83	7.40	3,730	7.0	0.81	22.10	2.110	2,550	-69.0
MW-156S	04/06/2020	78.39	7.30	1,310	4.0	0.64	22.00	0.700	900	79.0
MW-157S	04/06/2020	77.31	7.40	1,050	5.0	5.69	22.80	0.540	720	88.0
MW-161S1	04/14/2020	71.80	7.70	415	2.0	3.08	23.40	0.200	280	140.0
MW-162S1	04/14/2020	71.13	8.50	611	11	1.36	24.40	0.300	400	100.0
	06/03/2020	71.00	7.60	803	8.0	2.90	24.30	0.380	510	-18.0
MW-164D	04/09/2020	79.85	7.60	637	24	0.31	24.10	0.390	590	92.0
MW-164S	04/09/2020	79.91	7.30	2,270	10	5.71	23.50	0.350	570	120.0
MW-166S1	04/24/2020	60.02	8.10	815	3.0	0.66	24.40	0.400	540	65.0
MW-168S	04/14/2020	88.20	7.00	4,900	3.0	1.72	23.30	2.510	3,090	-93.0
MW-169S2	04/14/2020	88.13	7.20	3,730	4.0	1.12	23.50	1.900	2,390	-95.0
MW-170S	04/16/2020	83.73	6.70	5,110	7.0	3.71	22.30	2.740	3,310	63.0
MW-171S	04/07/2020	77.51	7.50	856	3.0	0.59	23.00	0.420	550	-2.5
MW-172S1	04/07/2020	74.10	7.50	770	2.0	0.50	21.80	0.380	500	13.0
MW-172S2	04/07/2020	74.88	7.80	679	6.0	0.39	21.90	0.300	440	-39.0
MW-173S1	04/07/2020	64.95	7.50	873	6.0	0.51	22.60	0.430	560	-27.0
MW-175S1	04/15/2020	70.42	7.40	761	6.0	3.89	22.80	0.390	510	100.0
MW-177D	04/15/2020	95.51	7.60	481	5.0	2.27	23.50	0.230	310	24.0
MW-177S	04/15/2020	95.58	7.40	504	3.0	3.84	21.40	0.240	320	78.0
	06/04/2020	95.41	6.90	469	5.0	6.15	23.70	0.230	310	130.0

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MW-178D	05/06/2020	100.79	7.30	1,390	46	3.71	22.50	0.700	910	66.0
MW-178S	05/06/2020	101.53	7.20	1,360	3.0	3.41	23.90	0.680	880	61.0
MW-179D	04/21/2020	102.02	7.50	757	10	5.11	22.30	0.390	520	72.0
MW-180RD	04/17/2020	92.28	6.80	1,430	12	0.50	22.90	0.390	610	31.0
MW-180RS	04/17/2020	93.01	6.90	1,670	5.0	7.98	22.80	0.370	580	37.0
MW-182D	05/05/2020	108.11	7.50	873	7.0	3.65	23.40	0.410	540	66.0
MW-182S	05/05/2020	107.52	7.50	790	3.0	3.52	22.70	0.400	530	80.0
MW-183D	05/05/2020	107.07	7.50	1,270	35	2.48	25.00	0.630	820	30.0
MW-183S	05/05/2020	107.34	7.50	865	7.0	2.88	23.30	0.430	560	35.0
MW-184S1	05/07/2020	100.41	8.10	2,010	42	0.40	26.70	1.000	1,280	-56.0
MW-184S2	05/07/2020	101.45	8.70	628	38	2.45	26.50	0.300	400	-31.0
MW-185S1	04/14/2020	72.00	7.70	510	6.0	5.38	23.30	0.290	510	160.0
MW-186S1	06/03/2020	90.81	7.30	563	8.0	3.42	24.40	0.260	340	73.0
MW-186S2	04/14/2020	93.10	7.80	497	20	8.21	23.10	0.320	510	140.0
MW-188S1	04/14/2020	68.43	8.20	590	7.0	1.27	25.10	0.280	380	99.0
MW-193S3	04/14/2020	73.64	8.00	723	19	0.37	23.50	0.310	580	18.0
MW-194S1	04/24/2020	77.51	7.80	638	8.0	2.09	24.10	0.330	440	-22.0
	06/03/2020	77.26	8.30	720	8.0	4.33	24.30	0.330	440	74.0
MW-195S1	04/14/2020	76.79	8.30	378	13	2.67	25.40	0.200	280	100.0
	06/03/2020	76.44	8.90	628	9.0	3.85	22.10	0.330	430	55.0
MW-196S1	04/14/2020	71.45	7.80	501	8.0	4.13	22.60	0.250	340	170.0
MW-197S1	04/14/2020	53.62	8.40	1,550	44	1.07	21.60	0.790	1,010	-33.0
MW-200S3	04/15/2020	65.35	9.30	425	7.0	0.44	22.70	0.210	290	86.0
MW-201S	04/09/2020	83.19	7.40	719	15	5.68	23.60	0.310	590	87.0
	06/04/2020	83.12	7.10	782	7.0	7.05	24.30	0.390	510	130.0
MW-202S	04/14/2020	89.38	7.60	508	4.0	1.97	24.10	0.230	310	63.0
	06/04/2020	89.51	6.90	560	25	8.40	24.40	0.270	370	130.0
MW-203D	04/15/2020	68.00	8.00	3,280	7.0	2.31 FQ	21.20	1.650	2,260	-160.0
	06/03/2020	69.89	7.50	1,040	17	3.00	23.10	0.470	630	-26.0
MW-204S2	06/04/2020	64.26	7.60	489	45	5.40	23.70	0.230	300	85.0
MW-205S2	05/07/2020	69.73	8.10	516	8.0	1.79	23.40	0.250	330	-53.0

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MW-206S	04/16/2020	79.80	6.70	15,200	5.0	2.51	23.20	9.150	10,180	-67.0
	06/05/2020	79.93	6.30	8,480	10	5.62	21.90	5.010	5,820	100.0
MW-207S2	04/14/2020	61.06	8.70	506	6.0	2.71	21.70	0.240	320	32.0
MW-208S	04/20/2020	93.79	7.10	1,390	5.0	2.76	24.10	0.320	570	13.0
MW-209S	04/17/2020	95.80	7.10	2,440	3.0	2.56	22.20	1.250	1,570	59.0
MW-210S	04/17/2020	98.50	7.10	4,810	4.0	0.65	22.10	2.510	3,090	-86.0
MW-211S	04/17/2020	98.00	7.10	4,310	8.0	1.15	23.30	2.240	2,770	-63.0
MW-212S1	04/14/2020	92.82	7.40	644	8.0	4.30	23.90	0.320	430	110.0
MW-213D	04/16/2020	97.71	7.40	2,460	5.0	1.71	22.90	1.290	1,640	-93.0
MW-213S	04/16/2020	86.98	6.90	4,410	11	2.15	22.70	2.280	2,770	-89.0
MW-214D	04/10/2020	92.39	7.40	441	3.0	0.78	21.00	0.210	200	-80.0
MW-214S	04/10/2020	81.51	7.30	445	3.0	0.58	21.50	0.210	280	-100.0
	06/05/2020	81.65	7.65	438	31	1.94	24.60	0.210	280	108.0
MW-215D	04/10/2020	92.74	7.30	475	4.0	0.59	21.10	0.240	310	-130.0
MW-215S	04/10/2020	72.29	7.10	428	4.0	0.58	20.50	0.210	280	-120.0
MW-216D	04/10/2020	90.70	6.90	1,160	5.0	1.51	22.90	0.580	750	140.0
MW-216S	04/10/2020	90.72	7.20	1,150	8.0	1.23	23.60	0.570	740	130.0
MW-217D	04/16/2020	85.37	7.30	408	6.0	3.07	22.90	0.170	230	34.0
MW-217S	04/16/2020	87.81	7.10	694	39	3.42	22.90	0.340	450	42.0
MW-218D	04/16/2020	88.06	7.30	853	4.0	3.21	20.20	0.410	530	54.0
MW-218S	04/16/2020	91.34	7.30	951	4.0	4.16	20.70	0.460	610	68.0
MW-219S1	04/24/2020	70.92	7.60	467	6.0	2.55	24.30	0.230	310	54.0
	05/07/2020	70.98	7.90	486	43	2.35	23.10	0.230	310	-44.0
MW-220D	04/06/2020	92.93	7.60	507	5.0	3.41	22.80	0.240	320	55.0
MW-220S	06/02/2020	111.32	6.60	600	8.0	0.88	23.90	0.280	380	-32.0
PMW-02	04/23/2020	104.62	7.30	849	4.0	3.52	22.50	0.420	550	53.0
PMW-03	04/23/2020	102.32	7.20	1,130	22	3.13	21.60	0.520	680	73.0
PMW-05	04/23/2020	93.53	7.00	1,240	2.0	3.44	22.80	0.650	830	55.0
PT2-MW-10	04/17/2020	96.01	6.90	1,640	16	2.01	22.90	0.390	530	-19.0
SA-MW-01S	04/15/2020	94.22	7.00	880	31	3.36	22.80	0.460	600	24.0
SA-MW-05D	04/15/2020	92.82	6.90	853	8.0	2.17	23.90	0.430	570	110.0

Table C-1
Groundwater Field Parameter Measurements
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Depth to Water (ft)	pH	Specific Conductance (µS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity (ppt)	Total Dissolved Solids (mg/L)	ORP (mV)
SA-MW-06S	04/15/2020	97.41	7.00	732	19	3.47	20.80	0.390	510	120.0
SA-MW-07D	04/15/2020	96.50	7.40	593	14	7.30	24.60	0.290	390	110.0
SA-MW-09S	04/20/2020	94.03	6.90	992	44	0.28	24.40	0.310	620	-14.0
SA-MW-10D	04/20/2020	92.59	6.90	962	20	0.79	24.10	0.330	600	17.0
SA-MW-11S	04/17/2020	98.71	7.10	1,010	20	3.81	21.10	0.530	710	120.0
SA-MW-16S	04/20/2020	101.68	7.40	527	38	2.66	21.50	0.260	350	44.0
SA-MW-17S	04/20/2020	100.12	7.40	715	47	3.72	21.00	0.350	460	49.0
SA-MW-20D	04/21/2020	94.69	6.90	855	13	0.18	25.50	0.410	550	-69.0
SA-MW-25D	04/21/2020	102.53	7.40	880	7.0	3.80	21.80	0.440	570	51.0
SA-MW-26D	04/21/2020	91.59	7.60	533	27	3.18	23.60	0.260	340	55.0
SA-MW-26S	04/21/2020	92.31	6.90	1,020	6.0	3.85	21.30	0.500	660	69.0
SA-MW-27D	04/21/2020	97.07	7.40	764	6.0	3.33	23.30	0.370	490	45.0
	06/04/2020	97.73	6.80	742	30	5.68	23.80	0.360	490	120.0
SA-MW-34S	04/21/2020	85.21	6.90	872	6.0	0.39	23.30	0.440	580	47.0
SA-MW-37D	04/21/2020	97.76	7.20	895	7.0	1.85	24.80	0.320	560	44.0
SA-MW-38D	04/21/2020	109.33	7.30	615	20	5.70	24.60	0.360	540	98.0
SA-MW-38S	04/21/2020	101.24	7.10	1,000	10	6.13	22.80	0.360	600	98.0
SA-MW-39D	04/21/2020	82.11	7.20	1,230	9.0	3.56	25.00	0.310	530	61.0
SA-MW-39S	04/21/2020	81.82	6.70	1,150	7.0	0.38	24.80	0.290	560	-25.0
SA-RW-25	04/16/2020	nm	7.10	966	1.0	5.05	21.30	0.510	680	120.0
SA-SM-01S	04/22/2020	95.20	6.90	1,150	14	0.38	20.70	0.310	520	-5.8
SA-SM-02S	04/22/2020	95.50	7.10	575	35	0.47	21.40	0.310	590	12.0
SA-SM-03SR	04/22/2020	95.74	7.00	960	55	1.17	23.50	0.350	610	-3.1
SA-SM-08D	04/22/2020	75.21	6.90	1,080	62	0.27	23.40	0.330	580	35.0
SC-MW-01D	04/08/2020	105.04	7.00	1,020	3.0	7.92	19.30	0.310	540	-27.0
SC-MW-02D	04/08/2020	109.18	7.10	1,030	23	7.54	20.10	0.390	560	100.0
SC-MW-03D	04/08/2020	105.32	7.20	946	30	7.97	20.50	0.330	540	140.0
SC-MW-04D	06/01/2020	103.93	7.70	1,180	23	2.24	20.50	0.600	770	-29.0
SC-MW-05D	06/01/2020	100.32	6.30	1,070	7.0	0.25	22.10	0.530	680	-70.0
SC-MW-06D	06/01/2020	98.40	7.00	1,340	40	1.59	22.70	0.660	850	-70.0
SC-MW-07D	04/15/2020	96.61	6.90	1,560	10	6.75	21.90	0.290	640	-9.5

Table C-1
Groundwater Field Parameter Measurements
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Depth to Water (ft)	pH	Specific Conductance (µS/cm)	Turbidity (NTU)	Dissolved Oxygen (mg/L)	Temperature (°C)	Salinity (ppt)	Total Dissolved Solids (mg/L)	ORP (mV)
SC-MW-07S	04/15/2020	96.96	6.90	1,760	18	6.50	23.30	0.300	600	-3.9
SC-MW-09D	04/15/2020	104.00	6.90	1,370	40	7.11	23.40	0.330	640	30.0
SC-MW-10D	04/15/2020	100.98	6.90	1,270	19	7.78	23.50	0.350	640	34.0
SC-MW-10S	04/15/2020	99.12	7.00	1,090	48	5.62	24.20	0.310	560	92.0
	06/02/2020	99.28	6.40	1,090	42	0.87	22.80	0.530	680	-25.0
SC-MW-11D	04/15/2020	105.53	7.20	439	5.0	0.30	24.50	0.360	670	100.0
SC-MW-12S	04/15/2020	94.15	7.00	1,210	48	7.02	22.80	0.340	590	120.0
SC-MW-13D	04/20/2020	101.92	7.20	499	29	1.78	24.90	0.380	610	100.0
SC-MW-13S	04/20/2020	94.51	6.60	1,240	7.0	0.60	21.50	0.670	860	150.0
SC-MW-21S	04/21/2020	92.25	6.90	1,500	9.0	3.82	24.30	0.750	970	98.0
SC-MW-26D	06/04/2020	99.41	6.70	1,200	8.0	1.51	22.80	0.630	820	110.0
SC-MW-38D	06/01/2020	100.79	6.40	1,360	42	2.95	21.80	0.680	880	21.0
X-04	04/14/2020	99.00	6.80	900	3.0	0.22	22.40	0.440	580	55.0
X-05	04/14/2020	79.93	7.00	996	1.0	2.58	22.30	0.490	640	80.0
X-06	04/14/2020	86.43	7.20	952	1.0	4.30	23.40	0.470	610	120.0
X-09	06/02/2020	nm	6.40	1,740	2.0	3.17	22.20	0.890	1,130	51.0
X-12	04/13/2020	89.22	6.90	1,660	1.0	0.24	21.70	0.840	1,070	120.0
X-13	04/13/2020	88.61	7.10	1,200	1.0	2.45	21.80	0.600	780	200.0
Y-01	04/14/2020	86.40	6.80	3,860	3.0	5.85	22.90	2.040	2,500	81.0
Y-03	04/14/2020	88.08	6.90	3,710	2.0	5.88	21.60	1.960	2,410	53.0

Table C-1
Groundwater Field Parameter Measurements
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Abbreviations:

µS/cm = microsiemens per centimeter
°C = degrees celcius
ft = feet
FQ = Field measurement qualified as questionable due to reading outside expected range.
mg/L = milligrams per liter
mV = millivolts
nm = parameter was not measured
nr = not reportable
NTU = nephelometric turbidity units
ORP = oxidation reduction potential
ppt = parts per thousand

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-28D

Date	04/06/2020	Sampler	Brian
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	110.76
Water Quality Meter	YSI	Gallons in Well	3.95
Casing Material	PVC	Measured Well Depth (ft bmp)	134.98
Casing Diameter (in)	2	Odor	none
Water Column in Well	24.22	Pump Intake Depth (ft bmp)	130
		Total Volume to Remove	3.95
Comments	Rf2	EB Sample ID	MW-702-Q220
Did Well Dewater?	No	EB Time	15:58
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	15:36	MS/MSD Sample Time	
Sample ID	~SA-MW-28D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/06/2020

Field Parameters

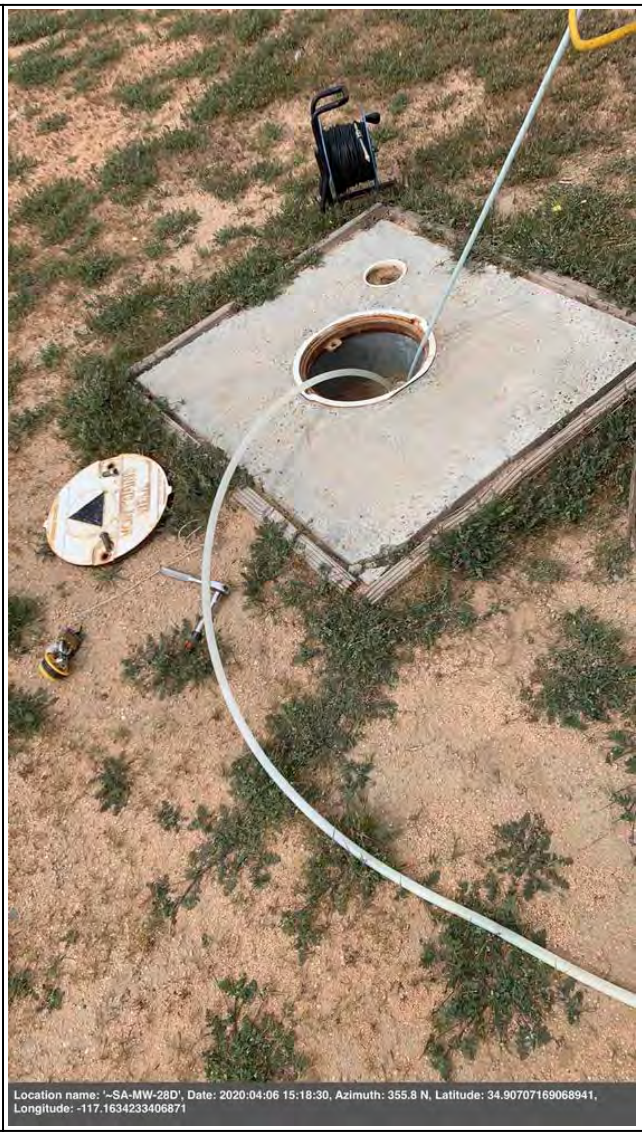
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:19	0.25	1	21.9	7.48	584	41.0	2.68	17	111.11	0.26	0.35
15:23	0.25	2	22.7	7.44	606	39.4	2.50	12	111.11	0.28	0.37
15:27	0.25	3	23.3	7.42	630	38.1	2.33	8	111.11	0.30	0.40
15:31	0.25	4	23.8	7.40	637	37.1	3.23	5	111.11	0.31	0.40
15:35	0.25	5	23.6	7.40	642	35.7	3.18	4	111.11	0.30	0.40

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



X-15

Date	04/09/2020	Sampler	Brian
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	99.34
Water Quality Meter	YSI	Gallons in Well	59.03
Casing Material	PVC	Measured Well Depth (ft bmp)	139.55
Casing Diameter (in)	6	Odor	none
Water Column in Well	40.21	Pump Intake Depth (ft bmp)	134
		Total Volume to Remove	59.03
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	12:53	MS/MSD Sample Time	
Sample ID	X-15-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:24	2	8	19.3	7.12	1300	62.0	4.44	7	100.53	0.65	0.84
12:28	2	16	19.6	7.11	1301	60.7	4.34	6	100.72	0.65	0.84
12:32	2	24	20.6	7.10	1304	58.7	4.29	6	100.86	0.65	0.84
12:36	2	32	20.9	7.10	1305	57.1	4.26	6	100.90	0.65	0.84
12:40	2	40	21.0	7.09	1306	55.9	4.24	6	100.97	0.65	0.84
12:44	2	48	21.2	7.09	1307	54.7	4.21	5	100.99	0.65	0.84
12:48	2	56	21.3	7.09	1307	53.8	4.18	5	101.02	0.65	0.84
12:52	2	64	21.8	7.08	1306	52.4	4.14	5	101.06	0.65	0.84
12:53											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley
Hinkley, CA

Project Number:
RC000699.0801

EX-53

Date	04/08/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-220S

Date	04/06/2020	Sampler	Brian
Weather Conditions	Cloudy	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	4	Depth to Water (ft bmp)	112.38
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: 'MW-220S', Date: 2020:04:06 14:55:20, Azimuth: 66.2 NE, Latitude: 34.90576203136447, Longitude
-117.1636321543621

MW-220D

Date	04/06/2020	Sampler	Brian
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	92.93
Water Quality Meter	YSI	Gallons in Well	6.93
Casing Material	PVC	Measured Well Depth (ft bmp)	135.44
Casing Diameter (in)	2	Odor	none
Water Column in Well	42.51	Pump Intake Depth (ft bmp)	130
		Total Volume to Remove	6.93
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	14:32	MS/MSD Sample Time	
Sample ID	MW-220D-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-920-Q220	Post Sampling Turbidity	
Dup Sample Time	14:42	Purge Date	04/06/2020
Single Filter Turbidity	1		
Without Filter Turbidity	5		

Field Parameters

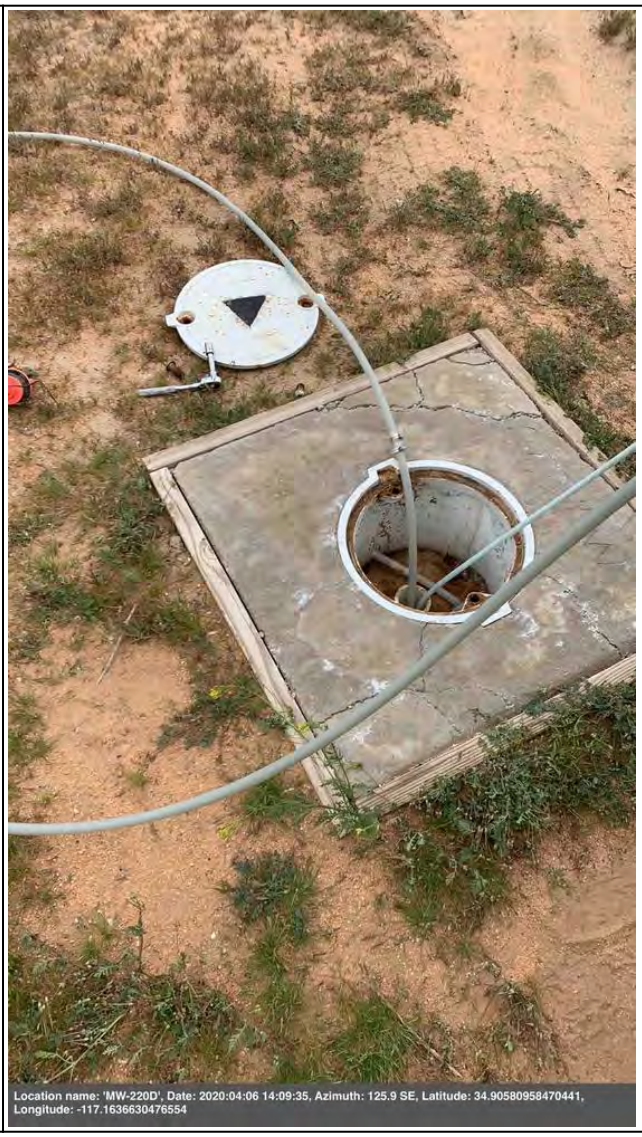
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:11	0.5	2	21.5	7.51	455	62.5	3.81	360	95.34	0.22	0.29
14:15	0.5	4	22.2	7.52	472	60.8	3.60	126	95.34	0.22	0.29
14:19	0.5	6	22.6	7.53	484	58.2	3.50	34	95.34	0.22	0.29
14:23	0.5	8	22.8	7.56	501	57.2	3.45	9	95.34	0.24	0.32
14:27	0.5	10	22.8	7.57	505	55.0	3.42	7	95.34	0.24	0.32
14:31	0.5	12	22.8	7.57	507	54.5	3.41	5	95.34	0.24	0.32

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-217D

Date	04/08/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-215S

Date	04/10/2020	Sampler	Jacob m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	72.29
Water Quality Meter	YSI	Gallons in Well	16.64
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	97.80
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	
Water Column in Well	25.51	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	10:52	MS/MSD Sample Time	
Sample ID	MW-215S-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:35	1	4	18.9	7.03	421	-115.2	0.72	5	72.82	0.20	0.27
10:39	1	8	19.7	7.09	422	-118.5	0.64	5	72.82	0.20	0.27
10:43	1	12	20.1	7.08	429	-116.7	0.61	4	72.82	0.21	0.28
10:47	1	16	20.4	7.07	429	-117.4	0.59	4	72.82	0.21	0.28
10:51	1	20	20.5	7.07	428	-118.2	0.58	4	72.82	0.21	0.28

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-215D

Date	04/10/2020	Sampler	Jacob
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	92.74
Water Quality Meter	YSI	Gallons in Well	8.63
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	145.65
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Water Column in Well	52.91	Total Volume to Remove	
		EB Sample ID	EB-730-Q220
Did Well Dewater?	No	EB Time	12:00
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	11:41	MS/MSD Sample Time	
Sample ID	MW-215D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:24	.5	2	19.8	7.25	469	-120.8	0.67	6	92.85	0.23	0.30
11:28	.5	4	20.4	7.28	469	-124.5	0.67	4	92.85	0.23	0.30
11:32	.5	6	20.6	7.29	471	-124.9	0.68	4	92.85	0.23	0.30
11:36	.5	8	20.9	7.29	475	-125.8	0.61	4	92.85	0.24	0.31
11:40	.5	10	21.1	7.31	475	-126.4	0.59	4	92.85	0.24	0.31

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number: RC000699.0801

MW-214S

Date	04/10/2020	Sampler	Jacobm
Weather Conditions	Rain	Color	Grey
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	81.51
Water Quality Meter	YSI	Gallons in Well	8.78
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	94.97
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	
Water Column in Well	13.46	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	09:54	MS/MSD Sample Time	
Sample ID	MW-214S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:37	.5	2	19.9	7.21	445	-97.6	0.68	4	81.59	0.21	0.28
09:41	.5	4	20.4	7.23	445	-99.7	0.68	3	81.59	0.21	0.28
09:45	.5	6	21.1	7.26	444	-100.4	0.61	3	81.59	0.21	0.28
09:49	.5	8	21.4	7.27	444	-101.1	0.60	3	81.59	0.21	0.28
09:53	.5	10	21.5	7.27	445	-102.4	0.58	3	81.59	0.21	0.28

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

MW-214D

Date	04/10/2020	Sampler	Jacob m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	92.39
Water Quality Meter	YSI	Gallons in Well	10.46
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	156.55
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Water Column in Well	64.16	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	09:12	MS/MSD Sample Time	
Sample ID	MW-214D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:55	.5	3	21.2	7.47	439	-77.1	0.75	4	92.44	0.21	.20
08:59	.5	5	21.6	7.45	440	-77.9	0.75	4	92.44	0.21	.20
09:03	.5	7	21.8	7.43	440	-78.1	0.79	3	92.44	0.21	0.20
09:07	.5	9	21.9	7.43	441	-79.4	0.76	3	92.44	0.21	0.20
09:11	.5	11	21	7.43	441	-80.2	0.78	3	92.44	0.21	0.20

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

EX-54

Date	04/09/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

EX-56

Date	04/09/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/09/2020	EB Sample ID	
Sample Time	12:37	EB Time	
Sample ID	EX-56-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	3	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:36	1	5	18.8	7.15	3256	-59.4	4.45	3		1.71	2.11

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

EX-55

Date	04/06/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

EX-62

Date	04/09/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/09/2020	EB Sample ID	
Sample Time	14:37	EB Time	
Sample ID	EX-62-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	1	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:36	1	5	21.5	7.11	4313	-67.1	5.08	1		2.30	2.81

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

EX-59

Date	04/09/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/09/2020	EB Sample ID	
Sample Time	10:22	EB Time	
Sample ID	EX-59-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	1	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:21	1	5	18.2	7.24	3478	-49.9	5.21	1		1.84	2.26

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 09,2020 10:20:13 AM
Location:EX-59 Latitude:34.910913 , Longitude:-117.154157

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

EX-60D

Date	04/09/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/09/2020	EB Sample ID	
Sample Time	13:03	EB Time	
Sample ID	EX-60D-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	1	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:01	1	5	19.1	7.23	3390	-62.0	2.13	1		1.79	2.21

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

EX-61D

Date	04/09/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/09/2020	EB Sample ID	
Sample Time	13:21	EB Time	
Sample ID	EX-61D-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	1	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:20	1	5	19.3	7.12	3580	-65.9	4.14	1		1.89	2.33

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-216S

Date	04/10/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	90.72
Water Quality Meter	YSI	Gallons in Well	2.74
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	94.92
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	93
Water Column in Well	4.2	Total Volume to Remove	2.74
		EB Sample ID	Eb-728-q220
Did Well Dewater?	No	EB Time	12:10
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	12:03	MS/MSD Sample Time	
Sample ID	MW-216S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:46	0.25	1	20.9	7.13	1146	135	1.33	7	90.77	0.57	0.71
11:50	0.25	2	22.7	7.12	1150	133	1.32	8	90.77	0.57	0.74
11:54	0.25	3	23.2	7.13	1147	132	1.25	8	90.77	0.57	0.74
11:58	0.25	4	23.4	7.15	1141	131	1.28	8	90.77	0.57	0.71
12:02	0.25	5	23.6	7.15	1145	130	1.23	8	90.77	0.57	0.74

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number: RC000699.0801

MW-216D

Date	04/10/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	90.70
Water Quality Meter	YSI	Gallons in Well	3.58
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	112.63
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	108
Water Column in Well	21.93	Total Volume to Remove	3.58
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	11:30	MS/MSD Sample Time	
Sample ID	MW-216D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:13	0.25	1	20.5	6.98	1162	144	1.59	38	90.81	0.58	0.75
11:17	0.25	2	21.9	6.95	1180	142	1.55	12	90.81	0.58	0.75
11:21	0.25	3	23.3	6.94	1167	140	1.43	5	90.81	0.58	0.75
11:25	0.25	4	22.9	6.95	1161	137	1.50	5	90.81	0.57	0.74
11:29	0.25	5	22.9	6.94	1162	137	1.51	5	90.81	0.58	0.75

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-226S

Date	04/06/2020	Sampler	Jacob m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	76.31
Water Quality Meter	YSI	Gallons in Well	11.38
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	93.75
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	
Water Column in Well	17.44	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	12:55	MS/MSD Sample Time	
Sample ID	MW-226S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:37	.5	2	20.6	7.42	901	14.9	0.62	25	76.36	0.44	0.58
12:40	.5	4	20.9	7.43	905	11.4	0.61	14	76.36	.44	0.58
12:43	.5	6	21.3	7.44	905	14	0.60	9	76.36	0.45	0.59
12:48	.5	9	21.5	7.46	909	12.9	0.57	6	76.39	0.45	0.59
12:54	.5	12	21.8	7.48	911	10.5	0.57	5	76.39	0.45	0.59

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-226D

Date	04/06/2020	Sampler	Jacob m
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/06/2020	EB Sample ID	EB-706-Q220
Sample Time	13:30	EB Time	14:15
Sample ID	MW-226D-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	5	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:13	.5	2	20.3	7.52	1041	-71.6	0.56	8	76.76	0.52	0.67
13:17	.5	4	20.7	7.50	1047	-79.6	0.52	5	76.76	0.51	0.67
13:21	.5	6	21	7.54	1057	-82.6	0.50	5	76.76	0.52	0.68
13:25	.5	8	21.8	7.55	1061	-85.6	0.45	5	76.76	0.53	0.70
13:29	.5	10	21.6	7.55	1060	-88.3	0.45	5	76.76	0.52	0.69

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SC-MW-03M

Date	04/08/2020	Sampler	Josh
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	103.41
Water Quality Meter	YSI	Gallons in Well	6.43
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	113.26
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	110
Water Column in Well	9.85	Total Volume to Remove	6.43
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	14:55	MS/MSD Sample Time	
Sample ID	SC-MW-03M-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	10	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:30	0.25	1	18.9	7.18	990	132.5	7.65	25	104.61	0.35	0.50
14:34	0.25	2	20.5	7.12	987	139.5	7.26	17	104.61	0.35	0.50
14:38	0.25	3	21.3	7.07	991	141.2	7.18	11	104.61	0.35	0.50
14:42	0.25	4	21.5	7.06	988	141.9	7.18	11	104.61	0.35	0.50
14:46	0.25	5	21.5	7.05	994	142.3	7.18	10	104.61	0.35	0.50
14:50	0.25	6	21.6	7.06	992	142.3	7.17	10	104.61	0.35	0.50
14:54	0.25	7	21.7	7.06	991	143.2	7.16	10	104.61	0.35	0.50

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?		X		
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SC-MW-02M

Date	04/08/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	102.62
Water Quality Meter	YSI	Gallons in Well	5.18
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	110.56
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	109
Water Column in Well	7.94	Total Volume to Remove	5.18
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	13:55	MS/MSD Sample Time	
Sample ID	SC-MW-02M-Q220	Double Filter Turbidity	4
Without Filter Turbidity	29	Post Sampling Turbidity	
		Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:34	0.25	1	20.2	7.06	1456	123.2	7.19	33	103.87	0.30	0.61
13:38	0.25	2	20.3	7.04	1466	125.3	7.29	30	103.87	0.30	0.61
13:42	0.25	3	20.3	7.02	1452	127.6	7.32	30	103.87	0.30	0.61
13:46	0.25	4	19.7	7.12	1459	128.3	7.10	29	103.87	0.30	0.61
13:50	0.25	5	20.3	7.06	1456	128.9	7.09	29	103.87	0.30	0.61
13:54	0.25	6	20.5	7.07	1461	129.1	7.05	29	103.87	0.30	0.61

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

EX-24

Date	04/07/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/07/2020	Total Volume to Remove	
Sample Time	12:23	EB Sample ID	
Sample ID	EX-24-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:22	1	5	19.8	6.68	7862	-71.4	3.82	1		4.37	5.10

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 07,2020 12:21:24 PM
Location:EX-24 Latitude:34.936244 , Longitude:-117.163424

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-51

Date	04/06/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	99.31
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/06/2020

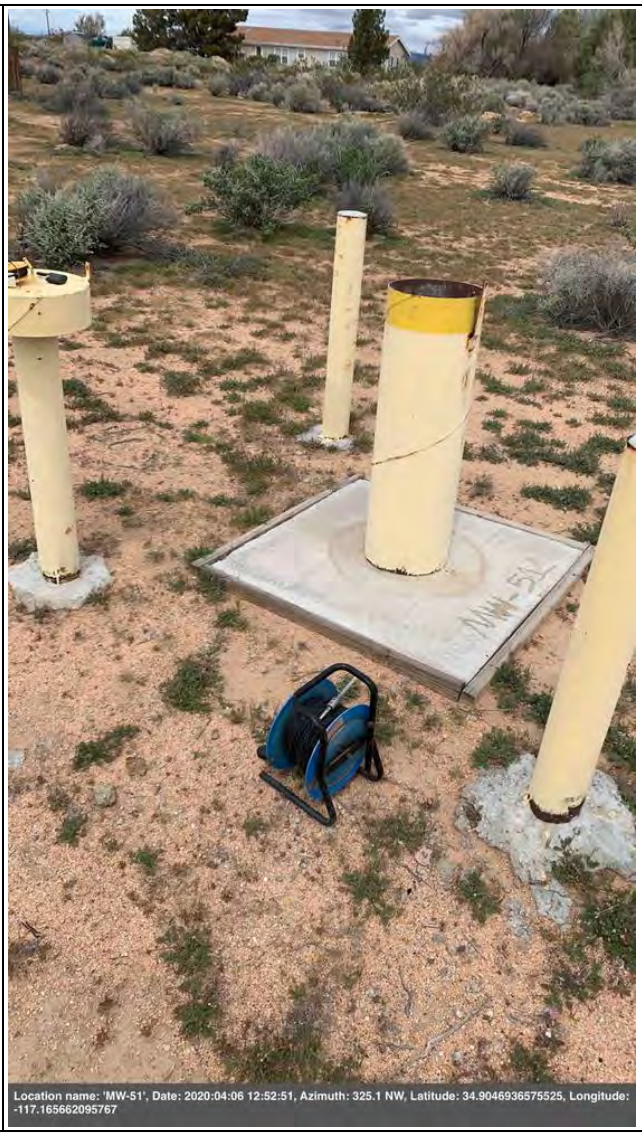
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings


MW-51
Location name: 'MW-51', Date: 2020:04:06 12:52:51, Azimuth: 325.1 NW, Latitude: 34.9046936575525, Longitude: -117.165662095767

ARCADIS

Groundwater Monitoring Field Data Form
Site: PGE Hinkley
Hinkley, CA

Project Number: RC000699.0801

~01-01A

Date	04/06/2020	Sampler	Andrew Pham
Weather Conditions	Cloudy	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/06/2020	Total Volume to Remove	
Sample Time	13:10	EB Sample ID	
Sample ID	~01-01A-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:10	1	5	19.2	7.01	24.6	102.6	6.58	1		0.36	0.48

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?	X			
Well Casing Intact?		X		
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 06,2020 01:10:04 PM
Location:~01-01A Latitude:34.906704 , Longitude:-117.148491

~02-02A

Date	04/06/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/06/2020	Total Volume to Remove	
Sample Time	12:20	EB Sample ID	
Sample ID	~02-02A-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:20	1	5	24.0	7.50	412	96.6	1.08	1		0.20	0.27

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~02-02B

Date	04/06/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/06/2020	Total Volume to Remove	
Sample Time	12:10	EB Sample ID	
Sample ID	~02-02B-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:10	1	5	25.0	7.77	526	88.6	1.26	1		0.25	0.34

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 06,2020 12:05:36 PM
Location:~02-02B Latitude:34.905712 , Longitude:-117.166605

~02-23

Date	04/06/2020	Sampler	Brian
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Na	Depth to Water (ft bmp)	119.31
Water Quality Meter	YSI	Gallons in Well	27.63
Casing Material	Stainless Steel	Measured Well Depth (ft bmp)	138.13
Casing Diameter (in)	6	Odor	none
Water Column in Well	18.82	Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
Comments	Port- Domestic	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	12:29	MS/MSD Sample Time	
Sample ID	~02-23-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	2	Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:27			20.5	7.82	468	83.1	4.08	2		0.23	0.30

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: '~02-23', Date: 2020:04:06 12:17:30, Azimuth: 272.8 W, Latitude: 34.90623117093968, Longitude: -117.1677576438248

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~22-103

Date	04/09/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/09/2020	Total Volume to Remove	
Sample Time	10:05	EB Sample ID	
Sample ID	~22-103-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:05	1	5	21.6	7.35	1155	83.7	6.09	1		0.62	0.81

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 09,2020 10:03:44 AM
Location:~22-103 Latitude:34.949344 , Longitude:-117.171902

~22-48

Date	04/09/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/09/2020	Total Volume to Remove	
Sample Time	13:15	EB Sample ID	
Sample ID	~22-48-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:15	1	5	21.2	7.47	728	79.1	5.11	1		0.38	0.51

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?			X	
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?			X	
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 09,2020 01:13:53 PM
Location:~22-48 Latitude:34.944826 , Longitude:-117.180721

~22-60

Date	04/09/2020	Sampler	
Did Well Dewater?	No	Color	Clear
Sample Date	04/09/2020	Casing Volume to Remove	
Sample Time	13:50	Depth to Water (ft bmp)	
Sample ID	~22-60-Q220	Gallons in Well	
Single Filter Turbidity	1	Measured Well Depth (ft bmp)	
Without Filter Turbidity	1	Odor	None
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:50	1	5	13.0	7.24	865	109.7	7.20	1		0.55	0.72

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 09,2020 01:47:17 PM
Location:~22-60 Latitude:34.937828 , Longitude:-117.187434

~22-75

Date	04/10/2020	Sampler	Andrew Pham
Weather Conditions	Cloudy	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/10/2020	Total Volume to Remove	
Sample Time	11:20	EB Sample ID	
Sample ID	~22-75-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:20	1	5	21.8	7.15	886	89.4	7.69	1		0.47	0.61

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 10,2020 11:17:12 AM
Location:~22-75 Latitude:34.937465 , Longitude:-117.181829

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~22-82

Date	04/09/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/09/2020	Total Volume to Remove	
Sample Time	14:10	EB Sample ID	
Sample ID	~22-82-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:10	1	5	21.3	7.48	895	91.0	5.26	1		0.47	0.62

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?			X	
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?			X	
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 09,2020 02:09:48 PM
Location:-22-82 Latitude:34.938249 , Longitude:-117.186928

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~25-16

Date	04/07/2020	Sampler	Andrew Pham
Weather Conditions	Cloudy	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/07/2020	Total Volume to Remove	
Sample Time	10:55	EB Sample ID	
Sample ID	~25-16-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:55	1	5	21.4	7.28	951	91.5	6.54	1		0.51	0.66

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?			X	
Well Labeled on Casing or Pad?		X		
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?			X	
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	

Photos and Drawings

~27-16

Date	04/10/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/10/2020	Total Volume to Remove	
Sample Time	09:05	EB Sample ID	
Sample ID	~27-16-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:05	1	5	21.0	7.34	737	110.1	7.65	1		0.39	0.52

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?			X	
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 10,2020 09:02:10 AM
Location:~27-16 Latitude:34.927937 , Longitude:-117.187613

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~27-26

Date	04/10/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/10/2020	Total Volume to Remove	
Sample Time	08:20	EB Sample ID	
Sample ID	~27-26-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:20	1	5	18.4	7.27	698	93.2	7.08	1		0.39	0.52

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 10,2020 08:20:01 AM
Location:~27-26 Latitude:34.930173 , Longitude:-117.180677

~27-42

Date	04/10/2020	Sampler	Andrew Pham
Weather Conditions	Cloudy	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/10/2020	Total Volume to Remove	
Sample Time	11:35	EB Sample ID	
Sample ID	~27-42-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:35	1	5	22.0	7.27	800	104.0	2.45	1		0.42	0.55

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 10,2020 11:33:47 AM
Location:~27-42 Latitude:34.928789 , Longitude:-117.188754

~27-43

Date	04/10/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/10/2020	Total Volume to Remove	
Sample Time	08:45	EB Sample ID	
Sample ID	~27-43-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:45	1	5	22.3	7.06	821	108.2	4.43	1		0.43	0.57

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 10,2020 08:42:03 AM
Location:~27-43 Latitude:34.928489 , Longitude:-117.186432

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~27-48

Date	04/10/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/10/2020	Total Volume to Remove	
Sample Time	10:15	EB Sample ID	
Sample ID	~27-48-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:15	1	5	21.9	7.40	452	87.4	4.82	1		0.23	0.31

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 10,2020 10:09:56 AM
Location:~27-48 Latitude:34.922594 , Longitude:-117.181261

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~27-49

Date	04/10/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/10/2020	Total Volume to Remove	
Sample Time	10:00	EB Sample ID	
Sample ID	~27-49-Q220	EB Time	
Duplicate Sample ID	MW-948-Q220	MS/MSD Sample ID	
Dup Sample Time	10:10	MS/MSD Sample Time	
Single Filter Turbidity	1	Double Filter Turbidity	
Without Filter Turbidity	1	Post Sampling Turbidity	
		Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:00	1	5	22.2	7.41	490	103.2	7.90	1		0.25	0.34

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 10,2020 10:02:35 AM
Location:~27-49 Latitude:34.922433 , Longitude:-117.181733

~28-20

Date	04/08/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/08/2020	Total Volume to Remove	
Sample Time	10:10	EB Sample ID	
Sample ID	~28-20-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:10	1	5	21.6	7.69	826	103.1	4.82	1		0.43	0.57

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	

Photos and Drawings

~28-22

Date	04/08/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/08/2020	Total Volume to Remove	
Sample Time	09:25	EB Sample ID	
Sample ID	~28-22-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:25	1	5	22.0	7.51	3064	80.4	7.68	1		1.70	2.11

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?			X	
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 08,2020 09:28:25 AM
Location:~28-22 Latitude:34.93314 , Longitude:-117.199141

~28-36

Date	04/09/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/09/2020	Total Volume to Remove	
Sample Time	08:40	EB Sample ID	
Sample ID	~28-36-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:40	1	5	21.7	7.85	612	72.4	5.08	1		0.32	0.42

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?			X	
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 09,2020 08:36:27 AM
Location:~28-36 Latitude:34.930206 , Longitude:-117.199924

~28-40

Date	04/09/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/09/2020	Total Volume to Remove	
Sample Time	08:25	EB Sample ID	
Sample ID	~28-40-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:25	1	5	21.8	7.96	791	100.2	1.91	1		0.41	0.55

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 09,2020 08:20:00 AM
Location:~28-40 Latitude:34.928713 , Longitude:-117.198653

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~28-51

Date	04/08/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/08/2020	Total Volume to Remove	
Sample Time	12:10	EB Sample ID	
Sample ID	~28-51-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:10	1	5	21.6	7.48	1088	108.1	1.89	1		0.58	0.75

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	

Photos and Drawings

~28-82

Date	04/08/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/08/2020	Total Volume to Remove	
Sample Time	12:30	EB Sample ID	
Sample ID	~28-82-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:30	1	5	22.1	7.58	2926	94.7	3.70	1		1.62	94.9

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~30E-01

Date	04/07/2020	Sampler	Andrew Pham
Weather Conditions	Cloudy	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/07/2020	Total Volume to Remove	
Sample Time	08:50	EB Sample ID	
Sample ID	~30E-01-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:50	1	5	24.2	8.65	491	62.5	2.00	1		0.24	0.32

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 07,2020 08:44:56 AM
Location:~30E-01 Latitude:34.939368 , Longitude:-117.135728

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~30E-12

Date	04/07/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/07/2020	Total Volume to Remove	
Sample Time	10:30	EB Sample ID	
Sample ID	~30E-12-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:30	1	5	22.4	7.55	931	59.0	6.00	1		0.48	0.64

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?			X	
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 07,2020 10:29:09 AM
Location:~30E-12 Latitude:34.923147 , Longitude:-117.130263

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~31E-07

Date	04/07/2020	Sampler	
Did Well Dewater?	No	Color	Clear
Sample Date	04/07/2020	Casing Volume to Remove	
Sample Time	10:05	Depth to Water (ft bmp)	
Sample ID	~31E-07-Q220	Gallons in Well	
Single Filter Turbidity	1	Measured Well Depth (ft bmp)	
Without Filter Turbidity	2	Odor	None
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:05	1	5	20.0	7.73	527	53.4	4.76	2		0.28	0.38

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?			X	
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 07,2020 10:01:55 AM
Location:~31E-07 Latitude:34.921482 , Longitude:-117.129555

~34-63

Date	04/06/2020	Sampler	Andrew Pham
Weather Conditions	Cloudy	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/06/2020	Total Volume to Remove	
Sample Time	14:45	EB Sample ID	
Sample ID	~34-63-Q220	EB Time	
Duplicate Sample ID	MW-949-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	1	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:45	1	5	21.6	7.89	162	96.2	5.38	1		0.08	0.11

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 06,2020 02:42:55 PM
Location:-34-63 Latitude:34.918826 , Longitude:-117.179989

~34-77

Date	04/06/2020	Sampler	Andrew Pham
Weather Conditions	Cloudy	Color	Grey
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/06/2020	Total Volume to Remove	
Sample Time	14:15	EB Sample ID	
Sample ID	~34-77-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:15	1	5	22.5	7.72	389	92.0	2.16	1		0.20	0.27

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 06,2020 02:09:54 PM
Location:~34-77 Latitude:34.917855 , Longitude:-117.188579

~36-26

Date	04/07/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/07/2020	Total Volume to Remove	
Sample Time	12:10	EB Sample ID	
Sample ID	~36-26-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:10	1	5	20.9	7.24	1120	14.1	5.17	1		0.61	0.80

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?			X	
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 07,2020 12:05:21 PM
Location:~36-26 Latitude:34.91721 , Longitude:-117.136946

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~36-41

Date	04/07/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/07/2020	Total Volume to Remove	
Sample Time	11:55	EB Sample ID	
Sample ID	~36-41-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:55	1	5	21.0	6.78	1446	104.5	6.88	1		0.79	1.00

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 07,2020 11:53:44 AM
Location:~36-41 Latitude:34.925889 , Longitude:-117.171361

~BGS-48

Date	04/07/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/07/2020	Total Volume to Remove	
Sample Time	09:00	EB Sample ID	
Sample ID	~BGS-48-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:00	1	5	22.7	8.48	1	65.0	1.09	1		0.20	0.27

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 07,2020 08:56:58 AM
Location:~BGS-48 Latitude:34.939059 , Longitude:-117.135307

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~BW-01D

Date	04/09/2020	Sampler	Brian
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	90.69
Water Quality Meter	YSI	Gallons in Well	6.13
Casing Material	PVC	Measured Well Depth (ft bmp)	128.30
Casing Diameter (in)	2	Odor	none
Water Column in Well	37.61	Pump Intake Depth (ft bmp)	123
		Total Volume to Remove	6.13
Comments	Rf2	EB Sample ID	
Did Well Dewater?	NA	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	11:04	MS/MSD Sample Time	
Sample ID	~BW-01D-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/09/2020

Field Parameters

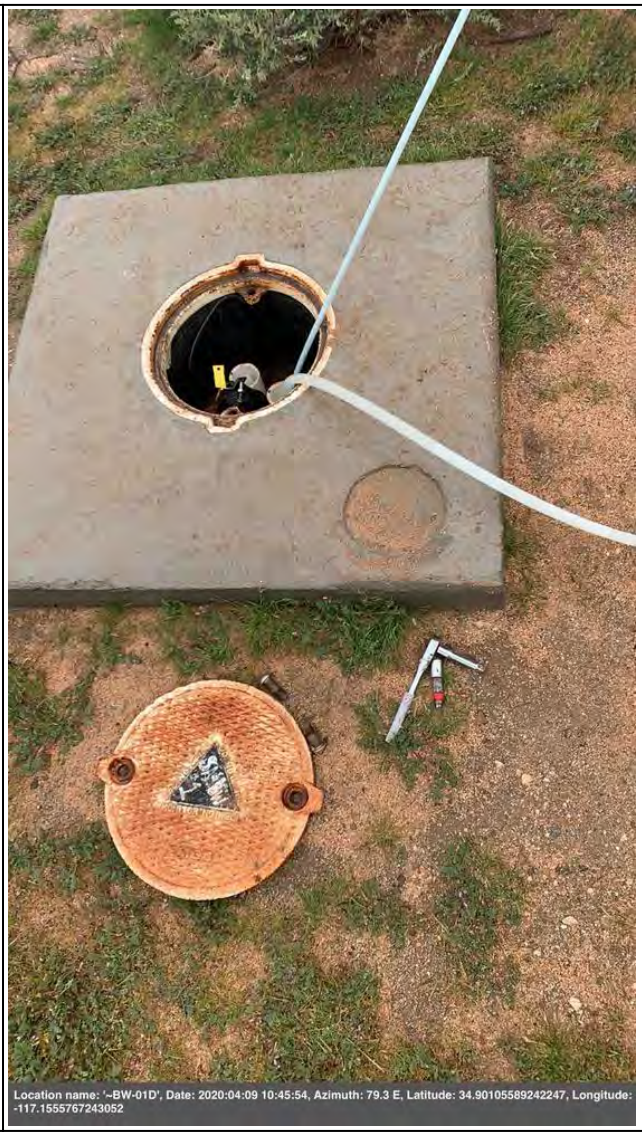
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:47	0.5	2	19.2	7.62	552	71.9	3.49	34	91.07	0.27	0.35
10:51	0.5	4	19.8	7.60	556	69.7	3.22	17	91.07	0.27	0.35
10:55	0.5	6	20.5	7.60	557	68.3	3.13	9	91.07	0.27	0.35
10:59	0.5	8	20.8	7.59	557	67.0	3.04	7	91.07	0.27	0.35
11:03	0.5	10	21.2	7.58	559	66.1	2.99	6	91.07	0.27	0.35

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~BW-01S

Date	04/09/2020	Sampler	Brian
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	87.52
Water Quality Meter	YSI	Gallons in Well	2.77
Casing Material	PVC	Measured Well Depth (ft bmp)	104.51
Casing Diameter (in)	2	Odor	none
Water Column in Well	16.99	Pump Intake Depth (ft bmp)	100
		Total Volume to Remove	2.77
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	10:27	MS/MSD Sample Time	
Sample ID	~BW-01S-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:10	0.25	1	19.4	7.15	1025	81.2	4.42	12	87.55	0.51	0.66
10:14	0.25	2	20.6	7.15	1024	75.8	4.07	10	87.55	0.51	0.66
10:18	0.25	3	21.0	7.15	1024	73.4	3.95	9	87.55	0.51	0.66
10:22	0.25	4	21.3	7.14	1023	72.1	3.89	8	87.55	0.51	0.66
10:26	0.25	5	21.5	7.14	1023	70.8	3.86	8	87.55	0.51	0.66

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~C-02

Date	04/07/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/07/2020	EB Sample ID	
Sample Time	10:58	EB Time	
Sample ID	~C-02-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	3	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:58	1	5	21.4	6.79	6440	-65.6	5.36				

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 07,2020 10:56:59 AM
Location:~C-02 Latitude:34.933805 , Longitude:-117.158384

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~C-03

Date	04/07/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/07/2020	EB Sample ID	
Sample Time	09:55	EB Time	
Sample ID	~C-03-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	1	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:54	1	5	21.5	6.68	7732	-69.6	5.41	1		4.29	5.03

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?		X		
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 07,2020 09:53:02 AM
Location:~C-03 Latitude:34.935032 , Longitude:-117.15832

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-105D

Date	04/06/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-106S

Date	04/06/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CPVT

Date	04/07/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Na	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/07/2020	EB Sample ID	
Sample Time	10:26	EB Time	
Sample ID	~CPVT-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	1	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:25	1	5	20.2	6.87	6661	-71.1	4.97	1		3.66	4.32

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 07,2020 10:23:56 AM
Location:~CPVT Latitude:34.934754, Longitude:-117.1604

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~DW-03

Date	04/09/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	88.43
Water Quality Meter	YSI	Gallons in Well	10.88
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	105.11
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	95
Water Column in Well	16.68	Total Volume to Remove	10.88
		EB Sample ID	Eb-722-q220
Did Well Dewater?	No	EB Time	14:44
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	14:29	MS/MSD Sample Time	
Sample ID	~DW-03-Q220	Double Filter Turbidity	
Duplicate Sample ID	Mw-913-q220	Post Sampling Turbidity	
Dup Sample Time	14:39	Purge Date	04/09/2020
Single Filter Turbidity	1		
Without Filter Turbidity	1		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:12	0.5	2	19.8	7.44	5038	162	2.04	1	88.60	2.72	3.26
14:16	0.5	4	20.6	7.44	5033	153	2.08	1	88.60	2.71	3.26
14:20	0.5	6	20.9	7.43	5052	148	2.17	1	88.60	2.72	3.28
14:24	0.5	8	21.2	7.45	5058	141	2.27	1	88.60	2.73	3.28
14:28	0.5	10	21.1	7.45	5060	138	2.31	1	88.60	2.73	3.28

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-02

Date	04/07/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Comments	Ext. port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/07/2020	EB Sample ID	
Sample Time	13:55	EB Time	
Sample ID	~EX-02-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	1	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:54	1	5	19.2	6.82	6720	-62.5	5.07	1		3.70	4.37

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 07,2020 01:53:46 PM
Location:~EX-02 Latitude:34.932107 , Longitude:-117.163934

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-25

Date	04/07/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/07/2020	EB Sample ID	
Sample Time	11:30	EB Time	
Sample ID	~EX-25-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	1	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:29	1	5	21.0	6.98	5374	-74.1	3.92	1		2.91	3.51

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 07,2020 11:28:22 AM
Location:~EX-25 Latitude:34.936396 , Longitude:-117.162242

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-27

Date	04/07/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/07/2020	Total Volume to Remove	
Sample Time	11:52	EB Sample ID	
Sample ID	~EX-27-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:51	1	5	20.5	6.95	4553	-77.1	4.95	1		2.43	2.95

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 07,2020 11:50:27 AM
Location:~EX-27 Latitude:34.933398 , Longitude:-117.162911

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-34

Date	04/07/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/07/2020	EB Sample ID	
Sample Time	14:09	EB Time	
Sample ID	~EX-34-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	1	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:07	1	5	20.9	6.95	4172	-65.2	4.76	1		2.22	2.71

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 07,2020 02:05:57 PM
Location:~EX-34 Latitude:34.932265 , Longitude:-117.162922

~EX-35

Date	04/07/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/07/2020	EB Sample ID	
Sample Time	09:08	EB Time	
Sample ID	~EX-35-Q220	MS/MSD Sample ID	
Duplicate Sample ID	MW-903-Q220	MS/MSD Sample Time	
Dup Sample Time	09:18	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	2	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:07	1	5	20.9	6.83	6983	-68.2	6.01	2		3.84	4.53

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

HCR-EX35-4"-CSTP
Apr 07,2020 09:06:31 AM
Location:~EX-35 Latitude:34.940247 , Longitude:-117.159049

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-41

Date	04/09/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Comments	Ext pump	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/09/2020	EB Sample ID	
Sample Time	12:14	EB Time	
Sample ID	~EX-41-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	1	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:13	1	5	21.7	7.03	2681	-57.8	0.47	1		1.39	1.74

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

EX-41
Apr 09,2020 12:12:25 PM
Location:~EX-41 Latitude:34.907547 , Longitude:-117.157251

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number: RC000699.0801

~EX-42

Date	04/09/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/09/2020	EB Sample ID	
Sample Time	13:37	EB Time	
Sample ID	~EX-42-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	2	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:36	1	5	20.0	7.10	3629	-73.2	1.35	2		1.92	2.35

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

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Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-50

Date	04/09/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Comments	Ext port	Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:02	1	5									

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-51

Date	04/09/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/09/2020	EB Sample ID	
Sample Time	10:54	EB Time	
Sample ID	~EX-51-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	1	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

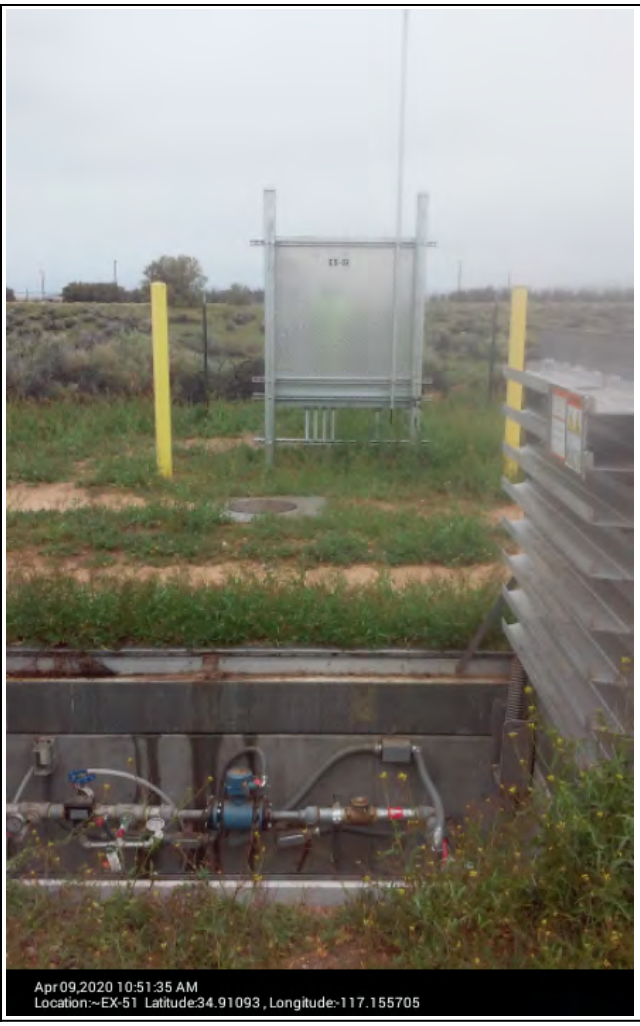
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:53	1	5	19.0	6.99	3781	-58.6	1.32	1		2.01	2.47

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings


Apr 09,2020 10:51:35 AM
Location:~EX-51 Latitude:34.91093 , Longitude:-117.155705

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-52

Date	04/09/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/09/2020	EB Sample ID	
Sample Time	10:39	EB Time	
Sample ID	~EX-52-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	2	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

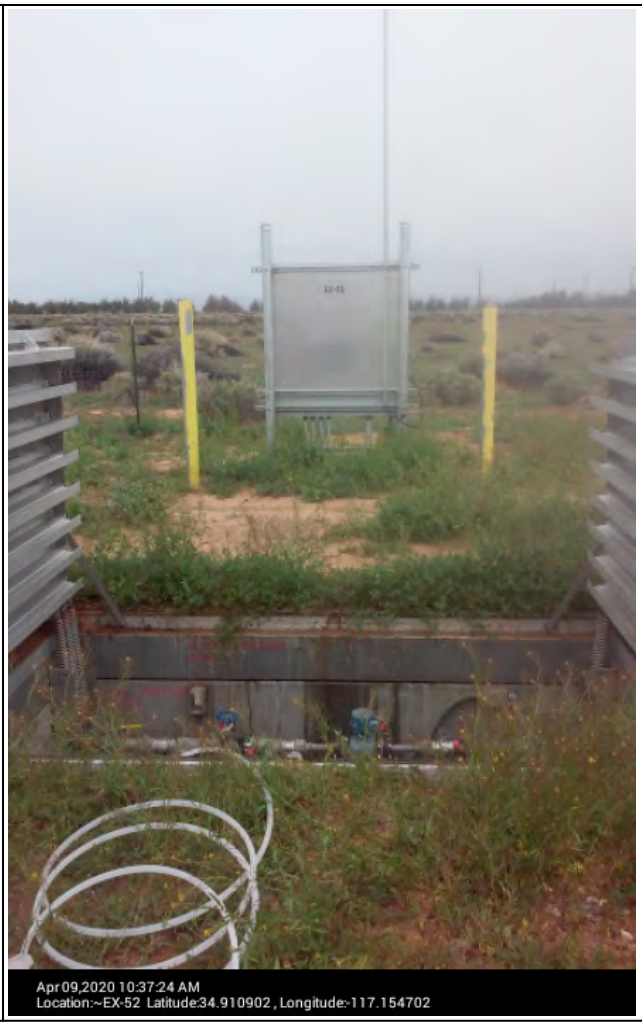
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:38	1	5	17.3	7.01	3803	-53.3	2.85	2		2.02	2.47

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings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ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~G-2R

Date	04/09/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/09/2020	EB Sample ID	
Sample Time	14:30	EB Time	
Sample ID	~G-2R-Q220	MS/MSD Sample ID	
Duplicate Sample ID	MW-905-Q220	MS/MSD Sample Time	
Dup Sample Time	14:45	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1,4	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:09	1	5						1			
14:30	1	5	14.8	6.24	4844	-56.7	0.78	3		2.61	3.14

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X		X	
Standing or Ponded Water?		X		
Lock in Place?	X		X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X		X	
Erosion Around Wellhead?		X	X	
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley
Hinkley, CA

Project Number:
RC000699.0801

~G-5R

Date	04/09/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/09/2020	EB Sample ID	
Sample Time	14:12	EB Time	
Sample ID	~G-5R-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	2	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:10	1	5	21.2	6.79	8174	-65.3	5.22	2		4.54	5.30

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

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Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-104S1

Date	04/07/2020	Sampler	Brian
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	77.28
Water Quality Meter	YSI	Gallons in Well	2.08
Casing Material	PVC	Measured Well Depth (ft bmp)	90.03
Casing Diameter (in)	2	Odor	none
Water Column in Well	12.75	Pump Intake Depth (ft bmp)	86
		Total Volume to Remove	2.08
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	12:54	MS/MSD Sample Time	
Sample ID	~MW-104S1-Q220	Double Filter Turbidity	3
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	32	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:37	0.25	1	18.5	7.90	674	51.7	2.76	82	77.71	0.33	0.44
12:41	0.25	2	20.2	7.72	681	48.5	2.17	36	77.71	0.33	0.44
12:45	0.25	3	21.6	7.71	683	46.8	2.07	31	77.71	0.33	0.44
12:49	0.25	4	21.9	7.70	686	46.8	2.02	30	77.71	0.33	0.44
12:53	0.25	5	22.2	7.70	685	44.9	1.98	32	77.71	0.33	0.44

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-105D

Date	04/06/2020	Sampler	Josh
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	80.34
Water Quality Meter	YSI	Gallons in Well	8.24
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	130.89
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	125
Water Column in Well	50.55	Total Volume to Remove	8.24
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	13:03	MS/MSD Sample Time	
Sample ID	~MW-105D-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	13	Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
01:02	0.5	10	22.9	7.88	442	76.1	0.15	13	83.15	0.39	0.68
12:46	0.5	2	21.2	7.91	446	73.1	0.42	51	83.15	0.39	0.68
12:50	0.5	4	22.0	7.87	446	72.3	0.29	19	83.15	0.39	0.68
12:54	0.5	6	22.6	7.88	446	75.6	0.20	15	83.15	0.39	0.68
12:58	0.5	8	22.8	7.88	443	76.1	0.16	14	83.15	0.39	0.68

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-105S

Date	04/06/2020	Sampler	Josh
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	78.45
Water Quality Meter	YSI	Gallons in Well	2.73
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	95.20
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	93
Water Column in Well	16.75	Total Volume to Remove	2.73
		EB Sample ID	EB-705-Q220
Did Well Dewater?	No	EB Time	14:15
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	13:58	MS/MSD Sample Time	
Sample ID	~MW-105S-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-907-Q220	Post Sampling Turbidity	
Dup Sample Time	13:58	Purge Date	04/06/2020
Single Filter Turbidity	2		
Without Filter Turbidity	10		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:31	0.25	1	21.0	7.13	1491	83.1	4.49	145	78.64	0.30	0.64
13:35	0.25	2	23.2	7.11	1491	86.3	5.72	29	78.64	0.30	0.64
13:39	0.25	3	23.5	7.10	1488	87.8	5.69	11	78.64	0.30	0.64
13:43	0.25	4	23.7	7.09	1488	85.9	5.65	11	78.64	0.30	0.64
13:47	0.25	5	23.9	7.08	1489	86.1	5.64	10	78.64	0.30	0.64

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

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Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-106D

Date	04/06/2020	Sampler	Jacob m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	83.11
Water Quality Meter	YSI	Gallons in Well	9.07
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	138.70
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Water Column in Well	55.59	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	12:05	MS/MSD Sample Time	
Sample ID	~MW-106D-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:40	.5	2	20	7.51	392	9.8	0.63	380	83.15	0.19	0.25
11:46	.5	5	20.2	7.56	389	9.5	0.61	292	83.15	0.19	0.25
11:52	.5	8	22.1	7.70	392	-3.4	0.54	141	83.15	0.19	0.25
11:58	.5	11	22.8	7.82	390	-13	0.51	10	83.15	0.19	0.25
12:01	.5	13	22.8	7.84	391	-12.3	0.50	9	83.15	0.19	0.25
12:04	.5	15	23	7.85	390	-19	0.49	9	83.15	0.19	0.25

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?		X		
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-106S

Date	04/06/2020	Sampler	Jacob m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	78.68
Water Quality Meter	YSI	Gallons in Well	2.48
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	93.91
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	88
Water Column in Well	15.23	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	11:15	MS/MSD Sample Time	
Sample ID	~MW-106S-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-923-Q220	Post Sampling Turbidity	
Dup Sample Time	11:25	Purge Date	04/06/2020
Single Filter Turbidity	1		
Without Filter Turbidity	6		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:50	.5	2	20.8	7.09	813	55.9	0.85	1000	78.71	0.41	0.53
10:53	.5	4	21.8	7.14	857	39.6	0.81	1000	78.71	0.42	0.55
10:59	.5	7	23.3	7.19	874	33.2	0.75	214	78.71	0.43	0.56
11:06	.5	10	23	7.20	836	37	0.73	8	78.71	0.41	0.53
11:10	.5	12	23.2	7.21	846	39.9	0.71	6	78.71	0.41	0.55
11:14	.5	14	22.9	7.22	846	41.2	0.72	6	78.71	0.41	0.54

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-107D

Date	04/07/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	
Casing Material	PVC	Casing Volume to Remove	0
Casing Diameter (in)	2	Depth to Water (ft bmp)	78.49
Comments	Dtw only	Gallons in Well	
Did Well Dewater?	NA	Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:00	0	0							78.49		

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	
Remarks				

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-107S

Date	04/07/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	78.32
Water Quality Meter	YSI	Gallons in Well	2.74
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	95.11
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	87.5
Water Column in Well	16.79	Total Volume to Remove	2.74
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	08:36	MS/MSD Sample Time	
Sample ID	~MW-107S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:19	0.25	1	21.0	7.26	1252	119	2.59	31	78.44	0.62	0.81
08:23	0.25	2	22.3	7.23	1245	115	2.52	15	78.44	0.62	0.81
08:27	0.25	3	22.5	7.21	1240	112	2.60	9	78.44	0.62	0.80
08:31	0.25	4	22.6	7.20	1235	110	2.65	9	78.44	0.62	0.80
08:35	0.25	5	22.7	7.20	1230	109	2.66	9	78.44	0.62	0.80

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Concrete Pad Intact?			X	
Erosion Around Wellhead?	X			
Steel Casing Intact?		X		
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-112S

Date	04/07/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	83.09
Water Quality Meter	YSI	Gallons in Well	2.4
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	97.80
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	89.5
Water Column in Well	14.71	Total Volume to Remove	2.4
		EB Sample ID	Eb-710-q220
Did Well Dewater?	No	EB Time	16:05
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	15:18	MS/MSD Sample Time	
Sample ID	~MW-112S-Q220	Double Filter Turbidity	1
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	25	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:01	0.25	1	22.4	6.95	2028	114	3.58	63	83.15	1.04	1.31
15:05	0.25	2	22.8	6.91	2030	113	3.54	24	83.15	1.03	1.31
15:09	0.25	3	23.4	6.89	2026	110	3.53	23	83.15	1.03	1.31
15:13	0.25	4	23.6	6.89	2025	107	3.61	23	83.15	1.02	1.31
15:17	0.25	5	23.4	6.89	2029	106	3.63	25	83.15	1.03	1.31

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-113S1

Date	04/07/2020	Sampler	Brian
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	73.41
Water Quality Meter	YSI	Gallons in Well	4.26
Casing Material	PVC	Measured Well Depth (ft bmp)	99.51
Casing Diameter (in)	2	Odor	none
Water Column in Well	26.10	Pump Intake Depth (ft bmp)	95
		Total Volume to Remove	4.26
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	14:04	MS/MSD Sample Time	
Sample ID	~MW-113S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:47	0.25	1	20.9	7.68	545	43.7	2.96	42	74.05	0.26	0.34
13:51	0.25	2	21.7	7.71	543	41.2	2.73	17	74.06	0.26	0.35
13:55	0.25	3	22.5	7.72	549	40.2	2.52	9	74.05	0.27	0.37
13:59	0.25	4	22.7	7.72	558	39.2	2.47	8	74.06	0.27	0.36
14:03	0.25	5	22.9	7.73	567	38.1	2.43	8	74.05	0.27	0.37

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-117S1

Date	04/07/2020	Sampler	Jacob m
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	80.93
Water Quality Meter	YSI	Gallons in Well	2.21
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	94.51
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	90
Water Column in Well	13.58	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	09:08	MS/MSD Sample Time	
Sample ID	~MW-117S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:51	.25	1	20	7.29	1843	-59.2	0.83	11	80.96	0.94	1.19
08:55	.25	2	23.4	7.37	1807	-48.2	0.64	9	80.96	0.92	1.17
08:59	.25	3	23.2	7.37	1808	-54	0.64	8	80.96	0.92	1.17
09:03	.25	4	23.3	7.35	1805	-56.8	0.63	6	80.96	0.91	1.17
09:07	.25	5	22.9	7.35	1806	-58.8	0.62	6	80.96	0.91	1.17

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-117S2

Date	04/07/2020	Sampler	Jacob m
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	80.91
Water Quality Meter	YSI	Gallons in Well	5.89
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	117.00
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Water Column in Well	36.09	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	09:42	MS/MSD Sample Time	
Sample ID	~MW-117S2-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:25	.5	2	20	7.17	3310	-37.9	0.63	9	80.94	1.73	2.13
09:29	.5	4	21.4	7.21	3552	-36.6	0.61	6	80.94	1.85	2.29
09:33	.5	6	23.2	7.25	3635	-35.5	0.59	5	80.94	1.92	2.37
09:37	.5	8	23.4	7.26	3673	-34.6	0.58	5	80.94	1.93	2.39
09:41	.5	10	23.5	7.23	3684	-34.1	0.59	5	80.94	1.94	2.38

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-118S

Date	04/10/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	76.38
Water Quality Meter	YSI	Gallons in Well	2.21
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	89.93
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	82.5
Water Column in Well	13.55	Total Volume to Remove	2.21
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	08:31	MS/MSD Sample Time	
Sample ID	~MW-118S-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:14	0.25	1	21.5	7.52	900	137	3.33	35	76.45	0.44	0.58
08:18	0.25	2	22.2	7.46	914	135	3.60	12	76.45	0.45	0.59
08:22	0.25	3	22.5	7.44	909	134	3.45	9	76.45	0.45	0.59
08:26	0.25	4	23.4	7.42	914	134	3.19	9	76.45	0.45	0.59
08:30	0.25	5	23.2	7.41	913	134	2.90	9	76.45	0.45	0.59

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-121D

Date	04/10/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	94.02
Water Quality Meter	YSI	Gallons in Well	4.05
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	118.84
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Water Column in Well	24.82	Total Volume to Remove	4.05
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	08:39	MS/MSD Sample Time	
Sample ID	~MW-121D-Q220	Double Filter Turbidity	3
Without Filter Turbidity	20	Post Sampling Turbidity	
		Purge Date	04/10/2020

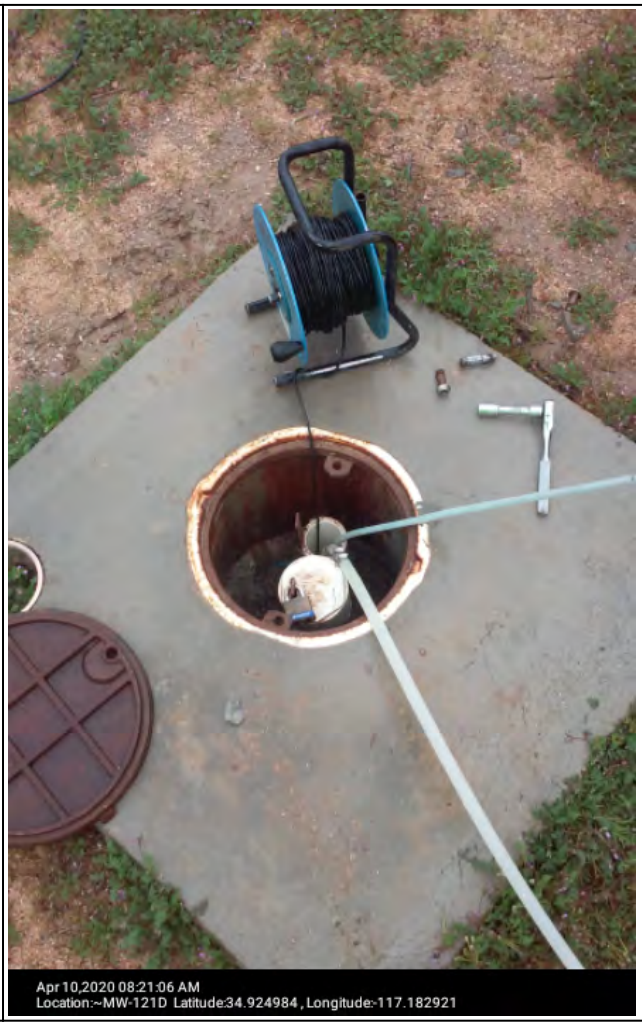
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:22	0.25	1	21.5	7.09	625	6.3	3.51	93	94.87	0.30	0.55
08:26	0.25	2	22.3	7.22	630	10.1	3.39	52	94.87	0.30	0.55
08:30	0.25	3	22.7	7.29	632	12.3	3.27	21	94.87	0.30	0.55
08:34	0.25	4	23.0	7.30	637	15.1	3.20	20	94.87	0.30	0.55
08:38	0.25	5	23.1	7.32	630	16.7	3.21	20	94.87	0.30	0.55

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form
Site: PGE Hinkley
Hinkley, CA

Project Number: RC000699.0801

~MW-121S

Date	04/10/2020	Sampler	Josh,Riggie
Weather Conditions	Rain,Cloudy	Color	Grey
Purge Method	Low Flow	Casing Volume to Remove	1,0
Purge Volume Units	Gal,Ml	Depth to Water (ft bmp)	92.61,92.71
Water Quality Meter	YSI	Gallons in Well	0.69,0.65
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	96.81,96.69
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	96,94
Water Column in Well	4.2,3.98	Total Volume to Remove	0.69,0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	10:39	MS/MSD Sample Time	
Sample ID	~MW-121S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/10/2020

Field Parameters

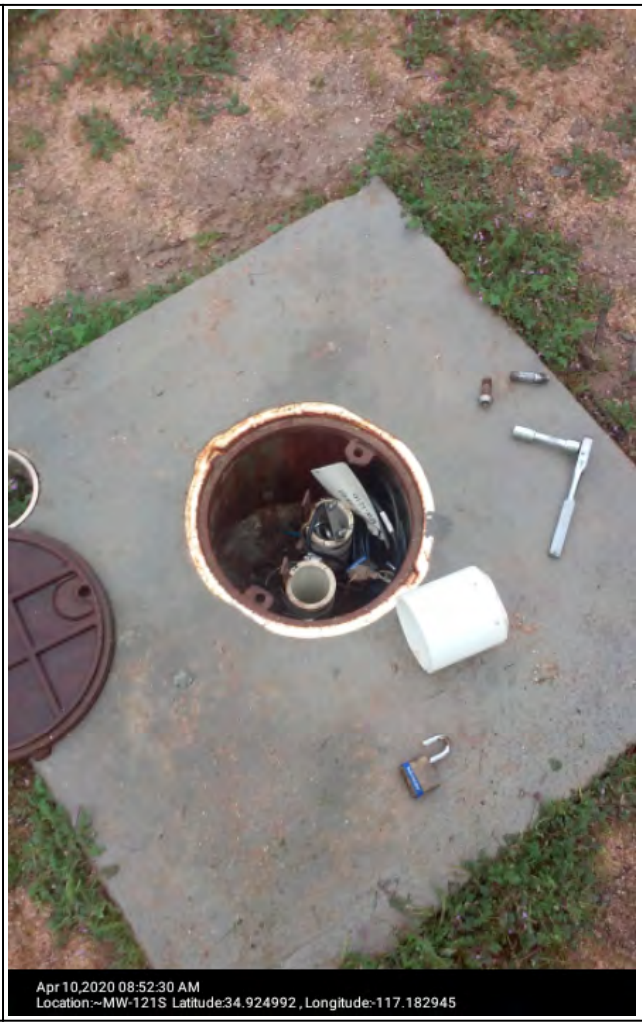
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:22	500	2000	19.2	7.12	1367	150	1.15	21	92.79	0.68	0.87
10:26	500	4000	20.2	7.17	1394	148	1.38	13	92.79	0.68	0.88
10:30	500	6000	20.1	7.24	1382	149	1.31	9	92.79	0.68	0.88
10:34	500	8000	20.5	7.21	1406	147	1.19	9	92.79	0.68	0.88
10:38	500	10000	20.5	7.22	1401	147	1.23	9	92.79	0.68	0.88

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



Apr 10,2020 10:18:53 AM
Location:~MW-121S Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-123S1

Date	04/06/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	77.82
Water Quality Meter	YSI	Gallons in Well	2.86
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	95.33
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	87.5
Water Column in Well	17.51	Total Volume to Remove	2.86
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	13:46	MS/MSD Sample Time	
Sample ID	~MW-123S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:29	0.25	1	21.8	7.35	1355	95	2.87	71	77.90	0.68	0.88
13:33	0.25	2	23.3	7.30	1482	101	2.98	1	77.90	0.74	0.96
13:37	0.25	3	23.5	7.32	1480	104	3.01	1	77.90	0.74	0.96
13:41	0.25	4	23.6	7.32	1491	105	3.01	1	77.90	0.75	0.96
13:45	0.25	5	23.6	7.32	1501	107	3.02	1	77.90	0.75	0.96

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-123S2

Date	04/06/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	78.13
Water Quality Meter	YSI	Gallons in Well	6.19
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	116.11
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	111
Water Column in Well	37.98	Total Volume to Remove	6.19
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	13:15	MS/MSD Sample Time	
Sample ID	~MW-123S2-Q220	Double Filter Turbidity	
Duplicate Sample ID	Mw-925-q220	Post Sampling Turbidity	
Dup Sample Time	13:25	Purge Date	04/06/2020
Single Filter Turbidity	1		
Without Filter Turbidity	2		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:54	0.25	1	22.1	7.04	2667	68	2.37	23	78.22	1.38	1.73
12:58	0.25	2	22.7	7.05	2714	80	2.38	3	78.22	1.41	1.76
13:02	0.25	3	22.7	7.06	2717	87	2.45	2	78.22	1.41	1.76
13:06	0.25	4	22.8	7.06	2719	89	2.46	2	78.22	1.41	1.76
13:10	0.25	5	22.7	7.06	2720	90	2.46	2	78.22	1.41	1.76
13:14	0.25	6.5	22.7	7.06	2722	91	2.47	2	78.22	1.41	1.76

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-124D

Date	04/06/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	82.29
Water Quality Meter	YSI	Gallons in Well	15.13
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	175.08
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	170
Water Column in Well	92.79	Total Volume to Remove	15.13
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	12:06	MS/MSD Sample Time	
Sample ID	~MW-124D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:49	0.75	3	22.2	7.98	568	-85	0.60	1	82.40	0.24	0.32
11:53	0.75	6	22.8	7.80	571	-75	0.70	1	82.40	0.28	0.38
11:57	0.75	9	22.9	7.79	586	-71	0.65	1	82.40	0.28	0.38
12:01	0.75	12	22.9	7.74	573	-64	0.63	1	82.40	0.28	0.37
12:05	0.75	15.5	22.9	7.73	569	-66	0.62	1	82.40	0.28	0.37

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-124S1

Date	04/06/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	76.81
Water Quality Meter	YSI	Gallons in Well	3.11
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	95.88
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	87.5
Water Column in Well	19.07	Total Volume to Remove	3.11
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	11:31	MS/MSD Sample Time	
Sample ID	~MW-124S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:14	0.25	1	22.5	7.29	652	149	1.36	16	76.89	0.32	0.42
11:18	0.25	2	22.9	7.31	715	148	2.06	17	76.89	0.35	0.46
11:22	0.25	3	22.9	7.34	733	146	2.27	5	76.89	0.36	0.48
11:26	0.25	4	22.9	7.37	744	145	2.36	5	76.89	0.36	0.48
11:30	0.25	5	22.9	7.38	748	144	2.37	5	76.89	0.36	0.48

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-124S2

Date	04/06/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	77.00
Water Quality Meter	YSI	Gallons in Well	6.15
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	114.73
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	110
Water Column in Well	37.73	Total Volume to Remove	6.15
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	10:56	MS/MSD Sample Time	
Sample ID	~MW-124S2-Q220	Double Filter Turbidity	
Duplicate Sample ID	Mw-926-q220	Post Sampling Turbidity	
Dup Sample Time	11:06	Purge Date	04/06/2020
Single Filter Turbidity	2		
Without Filter Turbidity	6		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:39	0.5	2	22.2	7.29	1085	197	3.55	47	77.12	0.54	0.70
10:43	0.5	4	22.6	7.33	1074	180	3.58	15	77.15	0.53	0.69
10:47	0.5	6	22.7	7.40	1064	171	3.60	6	77.15	0.53	0.69
10:51	0.5	8	22.7	7.43	1067	167	3.51	6	77.15	0.53	0.69
10:55	0.5	10	22.7	7.46	1068	165	3.49	6	77.15	0.53	0.69

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-125S1

Date	04/06/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	76.88
Water Quality Meter	YSI	Gallons in Well	2.99
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	95.21
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	87.5
Water Column in Well	18.33	Total Volume to Remove	2.99
		EB Sample ID	Eb-704-q220
Did Well Dewater?	No	EB Time	15:15
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	14:57	MS/MSD Sample Time	
Sample ID	~MW-125S1-Q220	Double Filter Turbidity	
Duplicate Sample ID	Mw-915-q220	Post Sampling Turbidity	
Dup Sample Time	15:07	Purge Date	04/06/2020
Single Filter Turbidity	1		
Without Filter Turbidity	6		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:40	0.25	1	22.7	7.10	2348	107	2.19	193	77.00	1.20	1.52
14:44	0.25	2	23.3	7.04	2634	110	2.19	26	77.00	1.37	1.72
14:48	0.25	3	23.4	7.05	2704	109	2.18	6	77.00	1.40	1.76
14:52	0.25	4	23.5	7.07	2702	108	2.14	6	77.00	1.40	1.75
14:56	0.25	5	23.5	7.06	2700	108	2.13	6	77.00	1.39	1.74

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-125S2

Date	04/06/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	76.88
Water Quality Meter	YSI	Gallons in Well	8.26
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	127.50
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	122.5
Water Column in Well	50.62	Total Volume to Remove	8.26
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	14:28	MS/MSD Sample Time	
Sample ID	~MW-125S2-Q220	Double Filter Turbidity	
Duplicate Sample ID	Mw-928-q220	Post Sampling Turbidity	
Dup Sample Time	14:38	Purge Date	04/06/2020
Single Filter Turbidity	1		
Without Filter Turbidity	1		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:11	0.5	2	21.9	7.08	2653	108	1.61	11	76.97	1.38	1.72
14:15	0.5	4	22.7	7.07	2810	109	2.34	1	76.97	1.46	1.82
14:19	0.5	6	22.7	7.09	2789	108	2.41	1	76.97	1.45	1.81
14:23	0.5	8	22.9	7.09	2777	108	2.37	1	76.97	1.44	1.80
14:27	0.5	10	22.9	7.09	2766	108	2.35	1	76.97	1.43	1.80

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?			X	
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-126S1

Date	04/07/2020	Sampler	Brian
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	82.69
Water Quality Meter	YSI	Gallons in Well	2.04
Casing Material	PVC	Measured Well Depth (ft bmp)	95.22
Casing Diameter (in)	2	Odor	none
Water Column in Well	12.53	Pump Intake Depth (ft bmp)	90
		Total Volume to Remove	2.04
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	10:05	MS/MSD Sample Time	
Sample ID	~MW-126S1-Q220	Double Filter Turbidity	1
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	27	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:48	0.25	1	18.4	7.30	3685	81.9	4.75	43	83.02	1.96	2.40
09:52	0.25	2	20.1	7.06	3723	79.0	4.16	36	83.02	1.97	2.41
09:56	0.25	3	21.3	7.05	3735	76.9	3.91	30	83.02	1.98	2.43
10:00	0.25	4	21.5	7.05	3738	75.3	3.85	28	83.02	1.98	2.43
10:04	0.25	5	21.8	7.04	3740	74.8	3.82	27	83.02	1.98	2.43

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-126S2

Date	04/07/2020	Sampler	Brian
Weather Conditions	Cloudy	Color	
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	82.73
Water Quality Meter	YSI	Gallons in Well	5.43
Casing Material	PVC	Measured Well Depth (ft bmp)	116.00
Casing Diameter (in)	2	Odor	
Water Column in Well	33.27	Pump Intake Depth (ft bmp)	110
		Total Volume to Remove	5.43
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	10:50	MS/MSD Sample Time	
Sample ID	~MW-126S2-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-916-Q220	Post Sampling Turbidity	
Dup Sample Time	11:00	Purge Date	04/07/2020
Single Filter Turbidity	1		
Without Filter Turbidity	6		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:33	0.5	2	20.6	6.95	4085	61.8	4.00	12	84.13	2.17	2.65
10:37	0.5	4	22.6	6.90	4142	57.0	3.46	9	84.22	2.20	2.69
10:41	0.5	6	22.8	6.89	4146	56.1	3.37	7	84.25	2.20	2.69
10:45	0.5	8	23.0	6.89	4144	55.0	3.34	6	84.27	2.20	2.69
10:49	0.5	10	23.0	6.89	4140	53.9	3.32	6	84.29	2.20	2.69

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-127S1

Date	04/07/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	82.47
Water Quality Meter	YSI	Gallons in Well	1.97
Casing Material	PVC	Measured Well Depth (ft bmp)	94.52
Casing Diameter (in)	2	Odor	none
Water Column in Well	12.05	Pump Intake Depth (ft bmp)	90
		Total Volume to Remove	1.97
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	09:10	MS/MSD Sample Time	
Sample ID	~MW-127S1-Q220	Double Filter Turbidity	2
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	43	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:41	0.25	1	18.9	7.07	4328	59.7	4.54	58	82.95	2.33	2.82
08:45	0.25	2	19.7	6.96	4573	57.4	4.27	49	82.97	2.46	2.98
08:49	0.25	3	20.6	6.93	4731	56.2	4.02	44	82.96	2.55	3.09
08:53	0.25	4	23.5	6.91	4955	55.0	3.86	40	82.96	2.67	3.23
08:57	0.25	5	24.2	6.89	5052	54.3	3.80	51	82.96	2.72	3.28
09:01	0.25	6	24.2	6.87	5102	53.9	3.74	45	82.96	2.74	3.31
09:05	0.25	7	24.4	6.86	5140	52.7	3.70	42	82.96	2.76	3.34
09:09	0.25	8	24.5	6.85	5165	51.6	3.67	43	82.96	2.77	3.36

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~MW-127S2

Date	04/06/2020	Sampler	Phil Alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	82.41
Water Quality Meter	YSI	Gallons in Well	10.4
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	123.20
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	118
Water Column in Well	40.79	Total Volume to Remove	10.4
		EB Sample ID	EB-703-Q220
Did Well Dewater?	No	EB Time	14:15
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	14:01	MS/MSD Sample Time	
Sample ID	~MW-127S2-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:40	0.50	2	22.0	7.10	6926	-74.0	2.57	18	82.49	3.80	4.49
13:44	0.50	4	22.9	6.95	7261	-76.9	2.42	12	82.50	4.05	4.79
13:48	0.50	6	23.2	6.82	7629	-78.5	2.29	7	82.51	4.24	4.98
13:52	0.50	8	23.2	6.81	7695	-78.6	2.28	7	82.51	4.28	4.98
13:56	0.50	10	23.2	6.78	7711	-81.6	2.28	7	82.51	4.28	4.98
14:00	0.50	12	23.2	6.78	7715	-83.6	2.27	7	82.51	4.28	4.98

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-128S1

Date	04/06/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	79.33
Water Quality Meter	YSI	Gallons in Well	2.92
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	97.24
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	95
Water Column in Well	17.91	Total Volume to Remove	2.92
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	12:02	MS/MSD Sample Time	
Sample ID	~MW-128S1-Q220	Double Filter Turbidity	4
Without Filter Turbidity	45	Post Sampling Turbidity	
		Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:41	0.25	1	20.0	7.06	2066	104.3	5.17	453	80.54	0.31	0.64
11:45	0.25	2	21.1	7.01	2080	106.3	4.83	181	80.54	0.31	0.64
11:49	0.25	3	23.0	6.96	2062	107.2	4.89	97	80.54	0.31	0.64
11:53	0.25	4	22.6	6.96	2064	106.9	4.52	49	80.54	0.31	0.64
11:57	0.25	5	22.4	6.90	2085	106.8	4.49	47	80.54	0.31	0.64
12:01	0	6	22.7	6.90	2078	108.1	4.38	45	80.54	0.31	0.64

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-128S2

Date	04/06/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	79.29
Water Quality Meter	YSI	Gallons in Well	6.2
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	117.31
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	115
Water Column in Well	38.02	Total Volume to Remove	6.2
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	11:18	MS/MSD Sample Time	
Sample ID	~MW-128S2-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	24	Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:53	0.25	1	20.3	6.86	3163	76.2	4.37	93	80.11	0.36	0.58
10:57	0.25	2	20.8	6.85	3224	78.9	4.47	51	80.11	0.36	0.58
11:01	0.25	3	21.6	6.85	3198	79.3	4.29	29	80.11	0.36	0.58
11:05	0.25	4	22.3	6.84	3178	81.2	4.24	27	80.11	0.36	0.58
11:09	0.25	5	22.4	6.84	3168	81.9	4.27	25	80.11	0.36	0.58
11:13	0.25	6	22.7	6.83	3145	82.1	4.48	24	80.11	0.36	0.58
11:17	0.25	7	22.8	6.83	3135	82.3	4.53	24	80.11	0.36	0.58

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-128S3

Date	04/06/2020	Sampler	Josh
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	79.61
Water Quality Meter	YSI	Gallons in Well	9.09
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	135.36
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	133
Water Column in Well	55.75	Total Volume to Remove	9.09
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	10:26	MS/MSD Sample Time	
Sample ID	~MW-128S3-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/06/2020

Field Parameters

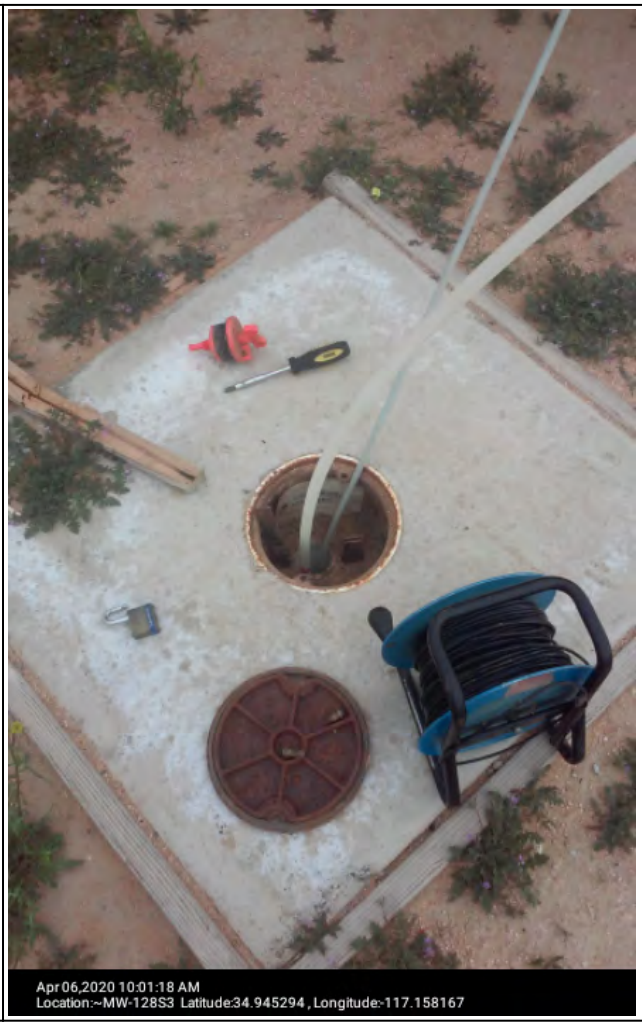
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:09	0.5	2	21.2	6.48	1770	93.2	3.73	26	81.22	0.36	0.64
10:13	0.5	4	21.6	6.67	1763	95.7	4.09	11	81.22	0.36	0.64
10:17	0.5	6	22.0	6.78	1764	96.9	4.34	9	81.22	0.36	0.64
10:21	0.5	8	22.2	6.81	1764	97.2	4.31	9	81.22	0.36	0.65
10:25	0.5	10	22.3	6.83	1765	97.1	4.32	9	81.22	0.36	0.65

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-130S1

Date	04/08/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	77.20
Water Quality Meter	YSI	Gallons in Well	4.48
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	84.07
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	81
Water Column in Well	6.87	Total Volume to Remove	4.48
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	10:43	MS/MSD Sample Time	
Sample ID	~MW-130S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:25	0.25	1	20.6	7.59	2625	-61.2	5.67	7	77.27	1.36	1.70
10:29	0.25	2	20.8	7.56	2674	-69.6	5.51	5	77.30	1.39	1.74
10:33	0.25	3	20.6	7.52	2668	-70.2	5.50	5	77.31	1.38	1.75
10:37	0.25	4	20.7	7.50	2670	-71.3	5.49	5	77.31	1.37	1.75
10:41	0.25	5	20.6	7.50	2679	-72.6	5.48	5	77.32	1.37	1.75

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-131S1

Date	04/08/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	67.70
Water Quality Meter	YSI	Gallons in Well	10.37
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	83.60
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	79
Water Column in Well	15.9	Total Volume to Remove	10.37
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	09:49	MS/MSD Sample Time	
Sample ID	~MW-131S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	10	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:28	1	4	20.1	7.60	3031	-44.7	4.38	23	67.85	1.58	1.96
09:32	0.50	6	21.8	7.55	2955	-57.5	4.21	18	67.89	1.54	1.92
09:36	0.50	8	22.1	7.52	2936	-65.7	4.20	10	67.90	1.53	1.91
09:40	0.50	10	22.1	7.53	2942	-66.2	4.20	10	67.90	1.53	1.91
09:44	0.50	12	22.2	7.51	2928	-70.5	4.19	10	67.91	1.53	1.91
09:48	0.50	14	22.3	7.52	2997	-74.7	4.20	10	67.91	1.52	1.90

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-133S1

Date	04/07/2020	Sampler	Brian
Weather Conditions	Cloudy	Color	
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	70.26
Water Quality Meter	YSI	Gallons in Well	1.51
Casing Material	PVC	Measured Well Depth (ft bmp)	79.53
Casing Diameter (in)	2	Odor	
Water Column in Well	9.27	Pump Intake Depth (ft bmp)	78
		Total Volume to Remove	1.51
Comments	Rf2	EB Sample ID	EB-708-Q220
		EB Time	16:03
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:36	0.25	1	21.1	8.35	482	-33.8	1.90	56	72.64	0.23	0.31
15:40	0.25	2	22.3	8.37	471	-35.2	1.71	47	74.24	0.23	0.30
15:44	0.25	3	22.8	8.37	474	-36.7	1.45	42	74.96	0.23	0.31
15:48	0.25	4	24.2	8.39	484	-37.8	1.22	40	75.81	0.23	0.31
15:50											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-136S1

Date	04/08/2020	Sampler	Phil alonzo
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	69.40
Water Quality Meter	YSI	Gallons in Well	3.2
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	81.94
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	77
Water Column in Well	12.54	Total Volume to Remove	3.2
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	11:56	MS/MSD Sample Time	
Sample ID	~MW-136S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:43	0.25	1	20.0	7.69	2329	-52.7	2.13	9	69.46	1.20	1.51
11:47	0.25	2	21.3	7.61	2343	-62.7	3.19	4	69.47	1.21	1.52
11:51	0.25	3	21.3	7.60	2331	-65.5	3.20	4	69.47	1.21	1.52
11:55	0.25	4	21.2	7.60	2337	-67.5	3.21	4	64.47	1.21	1.52

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-137S3

Date	04/09/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	68.33
Water Quality Meter	YSI	Gallons in Well	7.92
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	116.89
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	112
Water Column in Well	48.56	Total Volume to Remove	7.92
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	11:16	MS/MSD Sample Time	
Sample ID	~MW-137S3-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:59	0.5	2	20.9	7.80	400	-12	0.50	29	68.44	0.19	0.26
11:03	0.5	4	22.1	7.73	401	-22	0.40	17	68.44	0.19	0.26
11:07	0.5	6	22.3	7.69	397	-19	0.37	8	68.44	0.19	0.26
11:11	0.5	8	22.4	7.67	396	-16	0.35	8	68.44	0.19	0.25
11:15	0.5	10	22.5	7.65	396	-14	0.36	8	68.44	0.19	0.25

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-138S1

Date	04/09/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	64.59
Water Quality Meter	YSI	Gallons in Well	14.33
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	86.55
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	79.5
Water Column in Well	21.96	Total Volume to Remove	14.33
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	10:04	MS/MSD Sample Time	
Sample ID	~MW-138S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:47	0.75	3	20.5	7.68	398	124	1.62	1	64.70	0.19	0.25
09:51	0.75	6	20.9	7.66	399	123	1.56	1	64.70	0.19	0.25
09:55	0.75	9	21.2	7.66	399	122	1.47	1	64.70	0.19	0.25
09:59	0.75	12	22.1	7.65	399	122	1.32	1	64.70	0.19	0.25
10:03	0.75	15	22.3	7.66	400	121	1.28	1	64.70	0.19	0.25

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-139S1

Date	04/09/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	68.17
Water Quality Meter	YSI	Gallons in Well	14.03
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	89.67
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	82.5
Water Column in Well	21.5	Total Volume to Remove	14.03
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	12:01	MS/MSD Sample Time	
Sample ID	~MW-139S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:44	0.75	3	20.4	7.50	648	84	1.54	55	68.33	0.25	0.33
11:48	0.75	6	22.0	7.48	651	100	1.41	21	68.33	0.29	0.39
11:52	0.75	9	22.6	7.42	661	103	1.35	6	68.33	0.32	0.42
11:56	0.75	12	22.5	7.42	678	107	1.39	6	68.33	0.33	0.44
12:00	0.75	15	22.6	7.41	687	109	1.34	6	68.33	0.34	0.44

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-140S1

Date	04/09/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	72.67
Water Quality Meter	YSI	Gallons in Well	2.86
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	90.22
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	82.5
Water Column in Well	17.55	Total Volume to Remove	2.86
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	09:10	MS/MSD Sample Time	
Sample ID	~MW-140S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:53	0.25	1	20.4	7.64	511	134	3.37	16	72.71	0.25	0.33
08:57	0.25	2	22.0	7.68	514	130	2.88	11	72.71	0.25	0.33
09:01	0.25	3	22.3	7.67	513	130	2.64	9	72.71	0.25	0.33
09:05	0.25	4	22.5	7.65	514	131	2.39	9	72.71	0.25	0.33
09:09	0.25	5	22.6	7.63	514	131	2.13	9	72.71	0.25	0.33

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-142S3

Date	04/07/2020	Sampler	Brian
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	70.88
Water Quality Meter	YSI	Gallons in Well	8.35
Casing Material	PVC	Measured Well Depth (ft bmp)	122.06
Casing Diameter (in)	2	Odor	none
Water Column in Well	51.18	Pump Intake Depth (ft bmp)	118
		Total Volume to Remove	8.35
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	11:55	MS/MSD Sample Time	
Sample ID	~MW-142S3-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:38	0.5	2	20.6	7.48	746	43.2	4.04	23	71.52	0.37	0.48
11:42	0.5	4	21.2	7.51	754	41.6	3.87	12	71.52	0.37	0.48
11:46	0.5	6	22.0	7.53	746	41.1	3.65	8	71.51	0.37	0.48
11:50	0.5	8	22.3	7.51	748	39.8	3.54	7	71.52	0.37	0.48
11:54	0.5	10	22.5	7.51	751	38.3	3.49	7	71.51	0.37	0.48

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-153S

Date	04/09/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	91.87
Water Quality Meter	YSI	Gallons in Well	10.47
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	107.92
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	105
Water Column in Well	16.05	Total Volume to Remove	10.47
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	12:02	MS/MSD Sample Time	
Sample ID	~MW-153S-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:41	0.5	2	20.3	7.57	1014	52.6	6.33	8	93.32	0.33	0.52
11:45	0.5	4	20.6	7.47	1014	55.6	6.08	8	93.32	0.33	0.52
11:49	0.5	6	20.7	7.44	1010	56.7	5.90	7	93.32	0.33	0.52
11:53	0.5	8	21.6	7.42	1009	57.2	6.07	7	93.32	0.33	0.52
11:57	0.5	10	22.0	7.39	1007	58.2	6.05	7	93.32	0.33	0.52
12:01	0.5	12	22.5	7.38	1007	58.3	6.01	7	93.32	0.33	0.52

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-154S1

Date	04/07/2020	Sampler	Brian
Weather Conditions	Rain	Color	
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	68.79
Water Quality Meter	YSI	Gallons in Well	10.63
Casing Material	PVC	Measured Well Depth (ft bmp)	85.08
Casing Diameter (in)	4	Odor	
Water Column in Well	16.29	Pump Intake Depth (ft bmp)	80
		Total Volume to Remove	10.63
Comments	Rf2	EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:28	0.5	2	20.7	8.64	744	-34.2	2.01	38	71.34	0.36	0.48
14:32	0.25	4	21.2	8.61	731	-36.3	1.83	32	71.91	0.36	0.48
14:36	0.25	5	22.5	8.61	640	-38.9	1.74	30	72.31	0.31	0.41
14:40	0.25	6	22.8	8.60	628	-39.7	1.57	29	72.79	0.30	0.40
14:44	0.25	7	22.8	8.60	609	-40.6	1.50	27	73.28	0.29	0.39
14:48	0.25	8	22.9	8.60	599	-41.9	1.46	26	73.84	0.29	0.39
14:52	0.25	9	23.1	8.60	590	-42.4	1.43	26	74.37	0.28	0.38
14:56	0.25	10	23.4	8.61	579	-43.0	1.40	24	74.99	0.28	0.37
15:00	0.25	11	23.7	8.65	561	-44.7	1.37	23	75.63	0.27	0.36
15:04	0.25	12	23.6	8.67	558	-45.8	1.32	23	76.40	0.27	0.36
15:08	0.25	13	23.4	8.69	556	-46.1	1.31	25	77.04	0.27	0.36
15:12	0.25	14	23.4	8.71	555	-48.1	1.28	26	77.82	0.27	0.36
15:15											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-156S

Date	04/06/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	78.39
Water Quality Meter	YSI	Gallons in Well	11.0
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	95.25
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	90
Water Column in Well	16.86	Total Volume to Remove	11.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	11:00	MS/MSD Sample Time	
Sample ID	~MW-156S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:35	0.5	2	19.8	6.93	1262	116.6	1.00	7	78.50	0.70	0.91
10:39	0.5	4	20.6	7.12	1286	96.2	0.81	5	78.51	0.70	0.91
10:43	0.5	6	21.0	7.26	1293	91.6	0.78	4	78.51	0.70	0.91
10:47	0.5	8	21.6	7.30	1306	85.9	0.63	4	78.51	0.70	0.91
10:51	0.5	10	21.9	7.30	1307	81.3	0.64	4	78.51	0.70	0.90
10:55	0.5	12	22.0	7.31	1309	78.5	0.64	4	78.51	0.70	0.90

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-157S

Date	04/06/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	77.31
Water Quality Meter	YSI	Gallons in Well	12.0
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	95.70
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	90
Water Column in Well	18.39	Total Volume to Remove	12.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	11:32	MS/MSD Sample Time	
Sample ID	~MW-157S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:10	0.5	2	20.6	7.21	1008	94.2	5.98	6	77.52	0.55	0.72
11:14	0.5	4	21.2	7.24	1019	93.3	5.83	5	77.52	0.55	0.72
11:18	0.5	6	21.9	7.29	1034	89.7	5.81	5	77.52	0.54	0.72
11:22	0.5	8	22.6	7.38	1048	86.4	5.79	5	77.55	0.54	0.72
11:26	0.5	10	22.7	7.38	1051	87.2	5.75	5	77.55	0.54	0.72
11:30	0.5	12	22.8	7.38	1050	88.0	5.69	5	77.56	0.54	0.72

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number: RC000699.0801

~MW-164D

Date	04/09/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	79.85
Water Quality Meter	YSI	Gallons in Well	4.69
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	108.61
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	107
Water Column in Well	28.76	Total Volume to Remove	4.69
		EB Sample ID	EB-723-Q220
Did Well Dewater?	Yes	EB Time	15:25
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	15:21	MS/MSD Sample Time	
Sample ID	~MW-164D-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	24	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:33	0.25	1	20.0	7.24	644	86.3	0.71	31	84.59	0.39	0.59
08:37	0.25	2	20.5	7.46	635	89.6	0.52	29	88.39	0.39	0.59
08:41	0.25	3	22.1	7	635	91.2	0.50	25	92.63	0.39	0.59
08:45	0.25	4	23.1	7.55	633	92.3	0.27	24	97.23	0.39	0.59
08:49	0.25	5	24.1	7.57	637	92.3	0.31	24	101.26	0.39	0.59

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-164S

Date	04/09/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	79.91
Water Quality Meter	YSI	Gallons in Well	7.25
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	91.03
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	89
Water Column in Well	11.12	Total Volume to Remove	7.25
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	09:36	MS/MSD Sample Time	
Sample ID	~MW-164S-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	10	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:20	0.5	2	20.2	7.26	2277	112.3	2.93	16	80.09	0.34	0.58
09:24	0.5	4	22.6	7.26	2257	113.2	4.59	10	80.09	0.34	0.58
09:27	0.5	6	23.4	7.27	2270	115.2	5.61	10	80.09	0.35	0.57
09:31	0.5	8	23.3	7.27	2273	115.6	5.69	10	80.09	0.35	0.58
09:35	0.5	10	23.5	7.27	2270	115.2	5.71	10	80.09	0.35	0.57

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number: RC000699.0801

~MW-171S

Date	04/07/2020	Sampler	Jacob m
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	77.51
Water Quality Meter	YSI	Gallons in Well	11.6
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	95.29
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	
Water Column in Well	17.78	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	11:53	MS/MSD Sample Time	
Sample ID	~MW-171S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:36	.5	3	21.3	7.52	830	-1.3	0.61	4	77.55	0.41	0.53
11:40	.5	5	22.1	7.53	837	-2.7	0.60	3	77.55	0.41	0.54
11:44	.5	7	22.9	7.55	851	-3.1	0.60	3	77.55	0.42	0.55
11:48	.5	9	23.1	7.55	853	-2.9	0.60	3	77.55	0.42	0.55
11:52	.5	11	23	7.54	856	-2.5	0.59	3	77.55	0.42	0.55

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-172S1

Date	04/07/2020	Sampler	Jacob m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	74.10
Water Quality Meter	YSI	Gallons in Well	10.73
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	90.54
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	
Water Column in Well	16.44	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	12:37	MS/MSD Sample Time	
Sample ID	~MW-172S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	2	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:20	.5	3	20.6	7.51	766	6.1	0.55	3	74.14	0.38	0.50
12:24	.5	5	20.9	7.52	769	8.9	.55	2	74.14	.38	0.50
12:28	.5	7	21.4	7.51	770	9.6	.53	2	74.14	0.38	0.50
12:32	.5	9	21.8	7.50	767	11.2	0.50	2	74.14	0.38	0.50
12:36	.5	11	21.8	7.48	770	12.5	0.50	2	74.14	0.38	0.50

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-172S2

Date	04/07/2020	Sampler	Jacob m
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	74.88
Water Quality Meter	YSI	Gallons in Well	8.04
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	124.15
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Water Column in Well	49.27	Total Volume to Remove	
		EB Sample ID	EB-712-Q220
Did Well Dewater?	No	EB Time	13:30
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	13:12	MS/MSD Sample Time	
Sample ID	~MW-172S2-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:55	.5	2	20.4	7.73	682	-27.4	0.44	21	74.91	0.33	0.44
12:59	.5	4	21.1	7.73	681	-33.4	0.40	9	74.91	0.33	0.44
13:03	.5	6	21.	7.77	680	-32.4	0.38	7	74.91	0.33	0.44
13:07	.5	8	21.5	7.80	680	-35.9	0.39	7	74.91	0.33	0.44
13:11	.5	10	21.9	7.80	679	-38.5	0.39	6	74.91	0.3	0.44

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-173S1

Date	04/07/2020	Sampler	Jacob m
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	64.95
Water Quality Meter	YSI	Gallons in Well	10.12
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	80.46
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	
Water Column in Well	15.51	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	10:52	MS/MSD Sample Time	
Sample ID	~MW-173S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:35	.5	3	20.8	7.55	884	-19.9	0.54	11	65.00	0.43	0.57
10:39	.5	5	21.6	7.43	875	-25.1	0.53	8	65.00	0.43	0.57
10:43	.5	7	22.1	7.43	879	-24.3	0.52	6	65.00	0.43	0.57
10:47	.5	9	22.4	7.48	882	-22.5	0.51	6	65.00	0.43	0.57
10:51	.5	11	22.6	7.48	873	-26.9	0.51	6	65.00	0.43	0.56

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

Apr 07,2020 10:27:52 AM
Location:~MW-173S1 Latitude:33.658579 , Longitude:-118.001661

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-201S

Date	04/09/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	83.19
Water Quality Meter	YSI	Gallons in Well	10.29
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	98.96
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	95
Water Column in Well	15.77	Total Volume to Remove	10.29
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	10:34	MS/MSD Sample Time	
Sample ID	~MW-201S-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	15	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:13	0.5	2	22.2	7.66	761	123.2	5.59	25	84.86	0.31	0.59
10:17	0.5	4	23.1	7.60	752	90.2	5.54	16	84.86	0.31	0.59
10:21	0.5	6	23.3	7.54	720	89.3	5.62	16	84.86	0.31	0.59
10:25	0.5	8	23.4	7.50	718	88.3	5.67	15	84.86	0.31	0.59
10:29	0.5	10	23.5	7.49	717	86.5	5.67	15	84.86	0.31	0.59
10:33	0.5	12	23.6	7.45	719	86.7	5.68	15	84.86	0.31	0.59

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?		X		
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-21A

Date	04/08/2020	Sampler	Brian
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	97.68
Water Quality Meter	YSI	Gallons in Well	8.94
Casing Material	PVC	Measured Well Depth (ft bmp)	111.38
Casing Diameter (in)	4	Odor	none
Water Column in Well	13.70	Pump Intake Depth (ft bmp)	107
		Total Volume to Remove	8.94
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	09:26	MS/MSD Sample Time	
Sample ID	~MW-21A-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:09	0.5	2	19.3	6.89	3609	90.4	4.41	6	98.60	1.91	2.34
09:13	0.5	4	20.9	6.87	3649	87.3	3.92	6	98.60	1.93	2.37
09:17	0.5	6	20.9	6.86	3650	86.4	3.90	5	98.60	1.93	2.37
09:21	0.5	8	21.0	6.85	3660	85.6	3.89	5	98.60	1.93	2.37
09:25	0.5	10	21.1	6.85	3662	85.1	3.87	4	98.60	1.93	2.37

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-21B1

Date	04/08/2020	Sampler	Brian
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	101.90
Water Quality Meter	YSI	Gallons in Well	19.38
Casing Material	PVC	Measured Well Depth (ft bmp)	131.61
Casing Diameter (in)	4	Odor	none
Water Column in Well	29.71	Pump Intake Depth (ft bmp)	126
		Total Volume to Remove	19.38
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	12:30	MS/MSD Sample Time	
Sample ID	~MW-21B1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:13	1	4	21.2	7.11	1689	62.9	3.85	8	102.27	0.85	1.09
12:17	1	8	21.4	7.05	1676	60.7	3.64	6	102.27	0.85	1.09
12:21	1	12	21.5	7.03	1671	59.4	3.57	5	102.27	0.85	1.09
12:25	1	16	21.7	7.02	1663	58.6	3.54	4	102.27	0.85	1.09
12:29	1	20	21.5	7.02	1667	57.2	3.51	4	102.27	0.85	1.09

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-30B2

Date	04/10/2020	Sampler	Josh
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	102.25
Water Quality Meter	YSI	Gallons in Well	38.33
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	161
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	155
Water Column in Well	58.75	Total Volume to Remove	38.33
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	11:32	MS/MSD Sample Time	
Sample ID	~MW-30B2-Q220	Double Filter Turbidity	2
Without Filter Turbidity	8	Post Sampling Turbidity	
		Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:15	0.1	0.4	18.8	7.10	1419	100.2	3.02	8	102.96	0.38	0.52
11:19	0.1	0.8	18.8	7.05	1424	102.3	2.69	8	102.96	0.38	0.52
11:23	0.1	1.2	18.8	7.04	1429	103.2	2.65	8	102.96	0.38	0.52
11:27	0.1	1.6	18.8	7.05	1429	103.9	2.60	8	102.96	0.38	0.52
11:31	0.1	2.0	18.8	7.05	1432	103.9	2.59	8	102.96	0.38	0.52

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-31C

Date	04/10/2020	Sampler	Josh
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	94.35
Water Quality Meter	YSI	Gallons in Well	44.98
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	163.29
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	160
Water Column in Well	68.94	Total Volume to Remove	44.98
		EB Sample ID	EB-729-Q220
Did Well Dewater?	No	EB Time	12:15
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	12:09	MS/MSD Sample Time	
Sample ID	~MW-31C-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	10	Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:53	3	12	19.8	6.91	5117	23.9	6.49	10	97.86	0.39	0.56
11:57	3	24	20.0	6.86	5117	24.9	6.62	10	97.86	0.39	0.56
12:01	3	36	20.1	6.67	5265	28.1	6.67	10	97.86	0.39	0.56
12:04	3	48	20.03	6.76	5265	28.9	6.68	10	97.86	0.39	0.56
12:08	0.5	50	20.03	6.67	5269	30.1	6.69	10	97.86	0.39	0.56

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-32B1

Date	04/08/2020	Sampler	Brian
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	100.31
Water Quality Meter	YSI	Gallons in Well	28.29
Casing Material	PVC	Measured Well Depth (ft bmp)	143.67
Casing Diameter (in)	4	Odor	none
Water Column in Well	43.36	Pump Intake Depth (ft bmp)	138
		Total Volume to Remove	28.29
Comments	QED Bladder	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	13:18	MS/MSD Sample Time	
Sample ID	~MW-32B1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:01	0.1	0.4	19.1	7.57	1194	106.0	4.51	6	100.36	0.59	0.77
13:05	0.1	0.8	19.6	7.37	1179	103.7	4.36	4	100.36	0.59	0.78
13:09	0.1	1.2	20.1	7.34	1171	102.5	4.25	3	100.36	0.60	0.78
13:13	0.1	1.6	20.3	7.32	1174	101.8	4.19	3	100.35	0.60	0.78
13:17	0.1	2.0	20.5	7.32	1167	101.2	4.17	3	100.36	0.60	0.78

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-32S

Date	04/08/2020	Sampler	Brian
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	83.51
Water Quality Meter	YSI	Gallons in Well	1.73
Casing Material	PVC	Measured Well Depth (ft bmp)	94.12
Casing Diameter (in)	2	Odor	none
Water Column in Well	10.61	Pump Intake Depth (ft bmp)	90
		Total Volume to Remove	1.73
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	14:29	MS/MSD Sample Time	
Sample ID	~MW-32S-Q220	Double Filter Turbidity	3
Single Filter Turbidity	5	Post Sampling Turbidity	
Without Filter Turbidity	44	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:04	0.25	1	17.4	6.79	3811	32.8	2.09	133	82.88	2.03	2.48
14:08	0.25	2	19.4	6.75	3856	31.2	1.94	107	82.88	2.03	2.48
14:12	0.25	3	19.9	6.73	3905	30.5	1.91	73	82.88	2.03	2.48
14:16	0.25	4	21.5	6.75	3998	30.1	1.89	56	82.88	2.03	2.48
14:20	0.25	5	21.9	6.77	4007	29.1	1.87	48	82.88	2.03	2.48
14:24	0.25	6	22.5	6.78	4021	28.5	1.87	45	82.88	2.03	2.48
14:28	0.25	7	22.7	6.78	4034	27.8	1.84	44	82.88	2.03	2.48

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-34

Date	04/08/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	93.62
Water Quality Meter	YSI	Gallons in Well	91.25
Casing Material	PVC	Measured Well Depth (ft bmp)	233.48
Casing Diameter (in)	4	Odor	none
Water Column in Well	139.86	Pump Intake Depth (ft bmp)	225
		Total Volume to Remove	91.25
Comments	Rf2	EB Sample ID	EB-714-Q220
Did Well Dewater?	No	EB Time	16:11
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	15:59	MS/MSD Sample Time	
Sample ID	~MW-34-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:10	3	12	22.1	8.76	1240	59.4	3.62	5	106.94	0.62	0.80
15:14	3	24	22.4	8.75	1241	57.6	3.54	4	108.12	0.62	0.80
15:18	3	36	22.8	8.75	1237	56.3	3.52	4	109.01	0.62	0.80
15:22	3	48	22.9	8.75	1236	55.9	3.50	5	110.45	0.62	0.80
15:26	1.5	54	22.7	8.74	1246	55.2	3.48	5	110.98	0.62	0.80
15:30	1.5	60	22.8	8.74	1240	54.6	3.46	5	111.46	0.62	0.80
15:34	1.5	66	22.8	8.74	1243	54.1	3.45	5	112.01	0.62	0.80
15:38	1.5	72	22.7	8.74	1249	53.2	3.40	5	112.72	0.62	0.80
15:42	1.5	78	22.7	8.74	1240	52.8	3.39	5	113.21	0.62	0.80
15:46	1.5	84	22.9	8.73	1245	52.1	3.36	4	113.91	0.62	0.80
15:50	1.5	90	22.8	8.74	1243	51.5	3.37	4	114.34	0.62	0.80
15:54	0.75	93	22.9	8.73	1251	51.0	3.34	4	114.40	0.62	0.80
15:58	0.75	96	22.9	8.83	1257	50.4	3.35	4	114.40	0.62	0.80

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-41S

Date	04/10/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	88.30
Water Quality Meter	YSI	Gallons in Well	1.25
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	95.98
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	94
Water Column in Well	7.68	Total Volume to Remove	1.25
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	10:22	MS/MSD Sample Time	
Sample ID	~MW-41S-Q220	Double Filter Turbidity	5
Without Filter Turbidity	40	Post Sampling Turbidity	
		Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:05	0.25	1	22.0	6.94	1620	53.2	7.31	523	89.56	0.36	0.61
10:09	0.25	2	22.2	6.92	1627	55.6	7.38	121	89.56	0.36	0.61
10:13	0.25	3	22.3	6.92	1640	57.9	7.41	43	89.56	0.36	0.61
10:17	0.25	4	22.3	6.92	1639	58.3	7.39	41	89.56	0.36	0.61
10:21	0.25	5	22.3	6.90	1629	58.9	7.35	40	89.56	0.36	0.61

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?		X		
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-42C

Date	04/10/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	96.81
Water Quality Meter	YSI	Gallons in Well	8.53
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	149.09
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	145
Water Column in Well	52.28	Total Volume to Remove	8.53
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	11:04	MS/MSD Sample Time	
Sample ID	~MW-42C-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:47	0.50	2	20.3	6.63	4474	-62.4	0.26	8	96.92	2.40	2.91
10:51	0.50	4	22.1	6.70	4514	-80.0	0.77	5	96.93	2.41	2.93
10:55	0.50	6	22.3	6.72	4520	-81.6	0.75	4	96.95	2.40	2.93
10:59	0.50	8	22.3	6.72	4536	-83.5	0.75	4	96.95	2.40	2.93
11:03	0.50	10	22.4	6.71	4541	-85.2	0.74	4	9	2.39	2.92

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-50B

Date	04/07/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	101.84
Water Quality Meter	YSI	Gallons in Well	38.75
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	161.23
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	160
Water Column in Well	59.39	Total Volume to Remove	38.75
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	12:40	MS/MSD Sample Time	
Sample ID	~MW-50B-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	2	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:16	1.5	6	21.5	7.46	961	-63.2	1.10	2	102.31	0.30	0.52
12:19	1.5	12	22.0	7.36	941	-60.2	0.75	2	102.31	0.30	0.52
12:23	1.5	18	22.2	7.21	1034	-59.8	2.45	2	102.31	0.30	0.52
12:27	1.5	24	22.3	7.19	1062	-58.9	2.43	2	102.31	0.30	0.52
12:31	1.5	30	22.4	7.18	1069	-58.2	2.39	2	102.31	0.30	0.52
12:35	1.5	36	22.6	7.18	1076	-58.2	2.31	2	102.31	0.30	0.52
12:39	1.5	42	22.5	7.17	1079	-59.1	2.29	2	102.31	0.30	0.52

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-50S

Date	04/07/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	86.52
Water Quality Meter	YSI	Gallons in Well	1.81
Sampling Type	Volume Purge – Grundfos RF2	Measured Well Depth (ft bmp)	97.63
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	93
Water Column in Well	11.11	Total Volume to Remove	1.81
		EB Sample ID	EB-711-Q220
Did Well Dewater?	No	EB Time	14:00
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	13:40	MS/MSD Sample Time	
Sample ID	~MW-50S-Q220	Double Filter Turbidity	3
Without Filter Turbidity	30	Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:19	0.25	1	19.7	7.10	1867	-43.0	5.67	123	87.30	0.33	0.59
13:23	0.25	2	20.7	6.95	1868	-40.8	5.69	64	87.30	0.33	0.59
13:27	0.25	3	23.2	6.88	1870	-35.2	5.55	33	87.30	0.33	0.59
13:31	0.25	4	23.7	6.86	1875	-34.2	5.53	32	87.30	0.33	0.59
13:35	0.25	5	23.5	6.85	1876	-33.5	5.50	31	87.30	0.33	0.59
13:39	0.25	6	23.6	6.83	1872	-32.5	5.49	30	87.30	0.33	0.59

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?	X			
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-55A

Date	04/07/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	97.68
Water Quality Meter	YSI	Gallons in Well	44.07
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	165.23
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	160
Water Column in Well	67.55	Total Volume to Remove	44.07
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	08:34	MS/MSD Sample Time	
Sample ID	~MW-55A-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:05	1.5	6	22.1	7.55	825	2.3	0.27	5	100.19	0.38	0.65
08:09	1.5	12	22.3	7.60	764	-15.2	0.20	5	100.19	0.38	0.65
08:13	1.5	18	22.4	7.57	990	-20.5	0.34	5	100.19	0.38	0.65
08:17	1.5	24	22.4	7.50	1211	-67.2	0.90	3	100.19	0.38	0.65
08:21	1.5	30	22.5	7.49	1216	-65.2	1.02	3	100.19	0.38	0.65
08:25	1.5	36	22.5	7.50	1233	-64.3	1.10	3	100.19	0.38	0.65
08:29	1.5	42	22.5	7.50	1200	-65.1	1.11	3	100.19	0.38	0.65
08:33	1.5	48	22.5	7.47	1213	-64.3	1.10	3	100.19	0.38	0.65

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-55C

Date	04/07/2020	Sampler	Josh
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	87.11
Water Quality Meter	YSI	Gallons in Well	116.24
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	265.28
Casing Material	Stainless Steel	Odor	Sulphur
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	1
Water Column in Well	178.17	Total Volume to Remove	116.24
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	09:42	MS/MSD Sample Time	
Sample ID	~MW-55C-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	2	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:05	3	12	23.1	8.11	611	-101.2	0.20	5	92.12	0.38	0.60
09:09	3	24	23.1	8.10	685	-100.3	0.14	5	92.12	0.38	0.60
09:13	3	36	23.1	8.10	671	-99.3	0.12	4	92.12	0.39	0.60
09:17	3	48	23.1	8.10	638	-99.1	0.11	4	92.12	0.39	0.60
09:21	3	60	23.2	8.10	646	-98.3	0.10	4	92.12	0.39	0.60
09:25	3	72	23.2	8.11	630	-97.9	0.09	2	92.12	0.39	0.60
09:29	3	84	23.2	8.12	639	-97.3	0.09	2	92.12	0.38	0.60
09:33	3	96	23.2	8.11	630	-97.1	0.09	2	92.12	0.38	0.60
09:37	3	108	23.2	8.11	629	-97.1	0.09	2	92.12	0.38	0.60
09:41	3	120	23.2	8.11	625	-97.5	0.09	2	92.12	0.38	0.60

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-55S

Date	04/07/2020	Sampler	Josh
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	82.63
Water Quality Meter	YSI	Gallons in Well	3.74
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	105.59
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	103
Water Column in Well	22.96	Total Volume to Remove	3.74
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	10:15	MS/MSD Sample Time	
Sample ID	~MW-55S-Q220	Double Filter Turbidity	4
Without Filter Turbidity	22	Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:58	0.25	1	20.4	6.62	5341	-17.3	5.45	123	82.93	0.35	0.58
10:02	0.25	2	21.6	6.60	5343	-16.0	5.34	58	82.93	0.35	0.58
10:06	0.25	3	22.7	6.58	5361	-15.2	5.18	22	82.93	0.35	0.58
10:10	0.25	4	23.1	6.56	5348	-15.9	5.14	22	82.93	0.35	0.58
10:14	0.25	5	23.1	6.56	5354	-15.3	5.10	22	82.93	0.35	0.58

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-57

Date	04/10/2020	Sampler	
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	82.74
Water Quality Meter	YSI	Gallons in Well	10.75
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	99.22
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	94
Water Column in Well	16.48	Total Volume to Remove	10.75
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	09:51	MS/MSD Sample Time	
Sample ID	~MW-57-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:32	0.5	2	21.8	7.61	557	131	1.64	1	82.88	0.27	0.35
09:36	0.5	4	22.9	7.57	566	132	1.57	1	82.88	0.26	0.35
09:40	0.5	6	23.1	7.55	561	133	1.43	1	82.88	0.27	0.36
09:44	0.5	8	23.2	7.54	564	133	1.47	1	82.88	0.27	0.37
09:50	0.5	11	23.3	7.54	560	133	1.46	1	82.88	0.27	0.37

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-57D

Date	04/10/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	80.14
Water Quality Meter	YSI	Gallons in Well	5.45
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	113.55
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	109
Water Column in Well	33.41	Total Volume to Remove	5.45
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	09:16	MS/MSD Sample Time	
Sample ID	~MW-57D-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:59	0.25	1	21.3	7.52	576	129	2.03	22	80.20	0.28	0.37
09:03	0.25	2	22.4	7.53	578	129	1.86	10	80.20	0.28	0.37
09:07	0.25	3	22.5	7.55	577	129	1.62	7	80.20	0.28	0.37
09:11	0.25	4	22.6	7.54	575	130	1.48	7	80.20	0.28	0.37
09:15	0.25	5.5	22.6	7.54	576	130	1.55	7	80.20	0.28	0.37

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-62A

Date	04/09/2020	Sampler	Jacob m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	100.90
Water Quality Meter	YSI	Gallons in Well	24.82
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	138.94
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	
Water Column in Well	38.04	Total Volume to Remove	
		EB Sample ID	EB-724-Q220
Did Well Dewater?	No	EB Time	13:45
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	12:48	MS/MSD Sample Time	
Sample ID	~MW-62A-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-917-Q220	Post Sampling Turbidity	
Dup Sample Time	13:03	Purge Date	04/09/2020
Single Filter Turbidity	1		
Without Filter Turbidity	4		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:27	1	5	16.9	7.36	3066	14.6	0.71	6	101	1.81	2.22
12:32	1	10	19.5	7.39	3366	12.6	0.63	5	101	1.76	2.15
12:37	1	15	20.8	7.42	3430	11.7	0.60	5	101	1.80	2.22
12:42	1	20	21	7.44	3436	10.8	0.61	4	101	1.80	2.22
12:47	1	25	21.1	7.44	3439	9.4	0.60	4	101	1.81	2.23

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-62C

Date	04/09/2020	Sampler	Jacob m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	91.85
Water Quality Meter	YSI	Gallons in Well	13.4
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	174.00
Casing Material	PVC	Odor	Sulphur
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Water Column in Well	82.15	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	11:43	MS/MSD Sample Time	
Sample ID	~MW-62C-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:22	.5	4	20.9	7.64	1989	-100.5	0.40	6	91.89	1.00	1.28
11:30	.5	8	21.4	7.64	1986	-100.4	0.39	4	91.89	1.01	1.28
11:34	.5	10	22.8	7.62	1992	-109.7	0.37	4	91.89	1.02	1.29
11:38	.5	12	22.6	7.60	1999	-109.1	0.36	4	91.89	1.03	1.30
11:42	.5	14	22.4	7.59	2002	-109	0.36	4	91.89	1.03	1.30

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-67A

Date	04/06/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: '-MW-67A', Date: 2020:04:06 13:44:00, Azimuth: 159.7 S, Latitude: 34.90708020161292, Longitude
-117.1667584154921

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-67B

Date	04/06/2020	Sampler	Brian
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	113.32
Water Quality Meter	YSI	Gallons in Well	2.23
Casing Material	PVC	Measured Well Depth (ft bmp)	126.98
Casing Diameter (in)	2	Odor	none
Water Column in Well	13.66	Pump Intake Depth (ft bmp)	122
		Total Volume to Remove	2.23
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	13:35	MS/MSD Sample Time	
Sample ID	~MW-67B-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/06/2020

Field Parameters

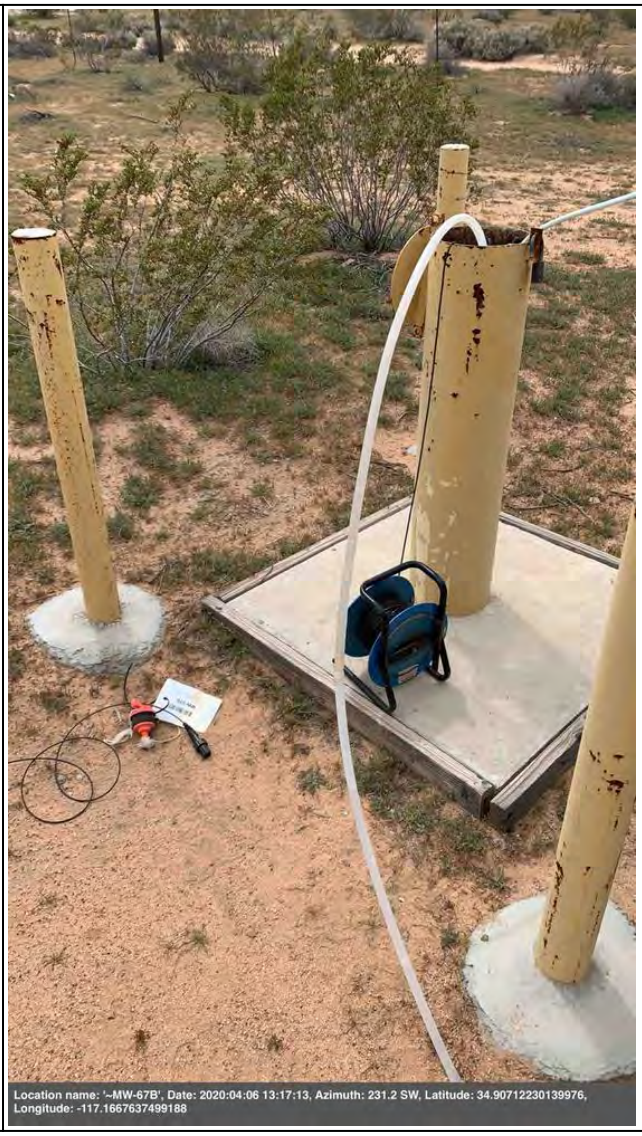
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:18	0.25	1	21.5	7.74	453	71.8	3.79	27	117.49	0.22	0.29
13:22	0.25	2	23.0	7.72	454	70.3	3.40	22	117.50	0.22	0.29
13:26	0.25	3	24.1	7.71	455	68.9	3.15	9	117.50	0.22	0.29
13:30	0.25	4	24.5	7.70	456	67.2	3.06	7	117.50	0.22	0.29
13:34	0.25	5	24.7	7.70	456	66.5	2.99	6	117.50	0.22	0.29

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-68C

Date	04/08/2020	Sampler	Jacob. m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	90.59
Water Quality Meter	YSI	Gallons in Well	70.66
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	198.90
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	
Water Column in Well	108.31	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	11:35	MS/MSD Sample Time	
Sample ID	~MW-68C-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/08/2020

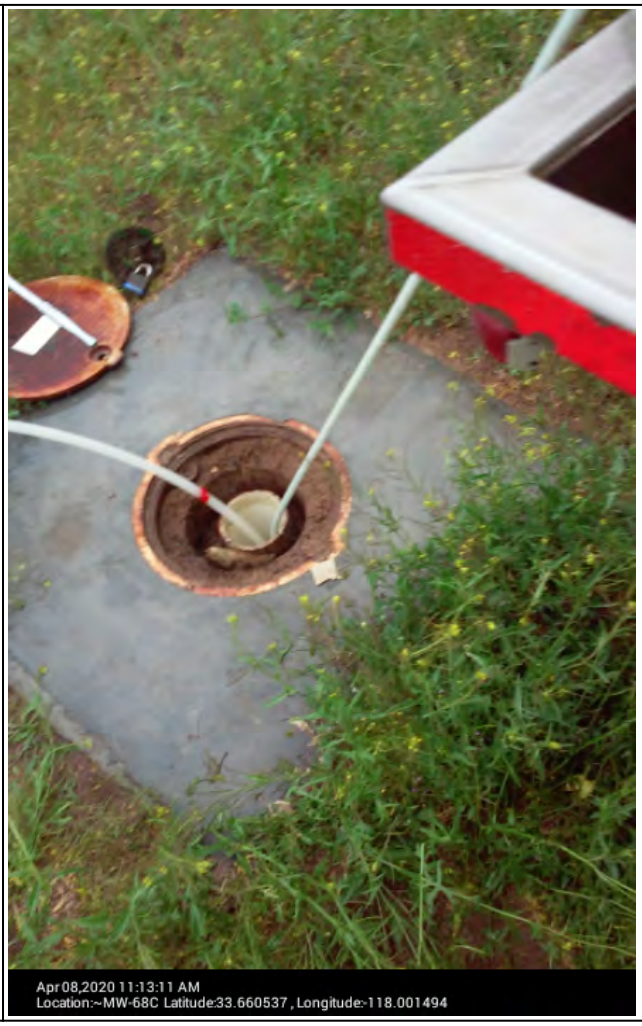
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:18	4	16	20.6	7.55	1210	-38.6	0.54	3	90.96	0.60	0.78
11:22	4	32	21.1	7.57	1206	-51	0.46	3	90.96	0.61	0.78
11:26	4	48	21.3	7.57	1208	-52.6	0.46	3	90.96	0.61	0.79
11:30	4	64	21.5	7.57	1210	-55.9	0.46	3	90.96	0.61	0.79
11:34	4	80	21.6	7.58	1211	-56.8	0.45	3	90.96	0.61	0.79

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-68D

Date	04/08/2020	Sampler	Jacob m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	98.90
Water Quality Meter	YSI	Gallons in Well	9.07
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	154.51
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Water Column in Well	55.61	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	12:35	MS/MSD Sample Time	
Sample ID	~MW-68D-Q220	Double Filter Turbidity	1
Single Filter Turbidity	6	Post Sampling Turbidity	
Without Filter Turbidity	30	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:11	.5	2	19.5	7.18	4770	-43.6	0.60	430	99.01	2.56	3.09
12:21	.5	7	21.1	7.01	4906	-33	0.62	114	99.01	2.64	3.18
12:26	.5	10	21.8	6.93	4949	-27.7	0.64	32	99.01	2.66	3.21
12:30	.5	12	21.7	6.90	4952	-27.4	0.66	30	99.01	2.67	3.22
12:34	.5	14	21.6	6.88	4959	-31.2	0.66	30	99.01	2.67	3.23

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-68S

Date	04/08/2020	Sampler	Jacob m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	86.53
Water Quality Meter	YSI	Gallons in Well	4.04
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	111.32
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Water Column in Well	24.79	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	13:14	MS/MSD Sample Time	
Sample ID	~MW-68S-Q220	Double Filter Turbidity	1
Single Filter Turbidity	5	Post Sampling Turbidity	
Without Filter Turbidity	22	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:57	.25	1	20.0	7.03	4889	-54.1	0.61	58	86.56	2.63	3.17
13:01	.25	2	20.3	6.99	4905	-54.1	0.61	40	86.56	2.64	3.19
13:05	.25	3	20.8	6.99	4915	-54.3	0.59	22	86.56	2.65	3.19
13:09	.25	4	21.2	6.98	4955	-54.9	0.59	22	86.56	2.66	3.22
13:13	.25	5	21.3	6.95	4956	-51.7	0.58	22	86.56	2.67	3.22

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-69D

Date	04/09/2020	Sampler	Brian
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	89.67
Water Quality Meter	YSI	Gallons in Well	7.59
Casing Material	PVC	Measured Well Depth (ft bmp)	136.18
Casing Diameter (in)	2	Odor	none
Water Column in Well	46.51	Pump Intake Depth (ft bmp)	130
		Total Volume to Remove	7.59
Comments	Rf2	EB Sample ID	EB-720-Q220
Did Well Dewater?	No	EB Time	15:17
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	15:05	MS/MSD Sample Time	
Sample ID	~MW-69D-Q220	Double Filter Turbidity	3
Single Filter Turbidity	5	Post Sampling Turbidity	
Without Filter Turbidity	34	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:44	0.5	2	21.7	6.80	4608	63.8	3.71	92	91.88	2.47	3.00
14:48	0.5	4	21.7	6.78	4627	61.5	3.64	54	91.88	2.49	3.01
14:52	0.5	6	21.6	6.78	4673	61.0	3.67	43	91.88	2.51	3.04
14:56	0.5	8	21.9	6.77	4705	60.1	3.63	37	91.89	2.58	3.12
15:00	0.5	10	21.7	6.76	4759	59.0	3.61	35	91.88	2.59	3.13
15:04	0.5	12	21.8	6.76	4787	58.2	3.61	34	91.88	2.60	3.14

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-69S

Date	04/09/2020	Sampler	Brian
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	80.02
Water Quality Meter	YSI	Gallons in Well	5.46
Casing Material	PVC	Measured Well Depth (ft bmp)	113.50
Casing Diameter (in)	2	Odor	none
Water Column in Well	33.48	Pump Intake Depth (ft bmp)	107
		Total Volume to Remove	5.46
Comments	QED Bladder	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	14:01	MS/MSD Sample Time	
Sample ID	~MW-69S-Q220	Double Filter Turbidity	3
Duplicate Sample ID	MW-918-Q220	Post Sampling Turbidity	
Dup Sample Time	14:11	Purge Date	04/09/2020
Single Filter Turbidity	4		
Without Filter Turbidity	23		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:44	0.1	0.4	17.5	6.78	5717	81.4	5.02	35	80.35	3.13	3.73
13:48	0.1	0.8	17.8	6.75	5959	79.1	4.95	28	80.35	3.25	3.86
13:52	0.1	1.2	17.9	6.74	5963	77.6	4.90	25	80.35	3.26	3.88
13:56	0.1	1.6	17.9	6.74	5996	76.3	4.86	24	80.35	3.27	3.89
14:00	0.1	2.0	18.0	6.73	5984	75.1	4.83	23	80.35	3.27	3.89

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-70D

Date	04/08/2020	Sampler	Jacob m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	91.39
Water Quality Meter	YSI	Gallons in Well	11.42
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	161.43
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Water Column in Well	70.04	Total Volume to Remove	
		EB Sample ID	EB-718-Q220
Did Well Dewater?	No	EB Time	14:30
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	14:12	MS/MSD Sample Time	
Sample ID	~MW-70D-Q220	Double Filter Turbidity	1
Single Filter Turbidity	6	Post Sampling Turbidity	
Without Filter Turbidity	29	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:55	.5	4	20.3	7.40	1514	-80.6	0.53	45	91.45	0.76	0.98
13:59	.5	6	21.2	7.41	1518	-82.6	0.52	33	91.45	0.76	0.98
14:03	.5	8	21.7	7.38	1524	-89.0	0.51	30	91.45	0.76	0.98
14:06	.5	10	21.8	7.38	1529	-93.5	0.50	29	91.45	0.77	0.99
14:11	.5	12	21.8	7.38	1538	-95.9	0.49	29	91.45	0.78	1.00

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?			X	
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-71D

Date	04/08/2020	Sampler	Jacob m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	91.11
Water Quality Meter	YSI	Gallons in Well	13.97
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	176.74
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Water Column in Well	85.63	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	10:25	MS/MSD Sample Time	
Sample ID	~MW-71D-Q220	Double Filter Turbidity	2
Single Filter Turbidity	9	Post Sampling Turbidity	
Without Filter Turbidity	45	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:02	.5	3	19.3	7.39	551	-94.5	0.59	161	91.21	0.27	0.35
10:08	.5	6	20	7.50	557	-103	0.56	173	91.22	0.27	0.36
10:14	.5	9	21	7.54	553	-110.8	0.53	48	91.22	0.27	0.36
10:20	.5	12	21.2	7.52	551	-113.9	0.51	46	91.22	0.27	0.35
10:24	.5	14	21.4	7.52	552	-115	0.50	46	91.22	0.27	0.35

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-71S

Date	04/08/2020	Sampler	Jacob m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	84.80
Water Quality Meter	YSI	Gallons in Well	2.28
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	98.78
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Water Column in Well	13.98	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	09:40	MS/MSD Sample Time	
Sample ID	~MW-71S-Q220	Double Filter Turbidity	3
Single Filter Turbidity	9	Post Sampling Turbidity	
Without Filter Turbidity	33	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:18	.25	1.5	18.6	6.95	5430	-61.9	0.80	78	84.89	2.9	3.5
09:24	.25	3	21.3	6.90	5413	-52	0.75	49	84.89	3.07	3.67
09:30	.25	4.5	22	6.86	5421	-48.8	0.74	34	84.89	3.02	3.63
09:34	.25	5.5	22.1	6.84	5429	-47	0.75	33	84.89	3.04	3.66
09:38	.25	6.5	22.2	6.84	5433	-46.5	0.74	33	84.89	3.05	3.66

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-76S

Date	04/09/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	105.09
Water Quality Meter	YSI	Gallons in Well	0.73
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	109.56
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	107
Water Column in Well	4.47	Total Volume to Remove	0.73
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	14:32	MS/MSD Sample Time	
Sample ID	~MW-76S-Q220	Double Filter Turbidity	5
Without Filter Turbidity	40	Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:15	0.1	0.4	17.6	7.64	842	46.3	9.84	160	105.36	0.38	0.64
14:19	0.1	0.8	18.0	7.50	822	47.3	9.35	53	105.36	0.38	0.64
14:23	0.1	1.2	18.6	7.49	819	47.2	8.92	42	105.36	0.38	0.64
14:27	0.1	1.6	18.9	7.48	815	48.2	8.90	41	105.36	0.38	0.64
14:31	0.1	2.0	18.9	7.47	812	49.3	8.88	40	105.36	0.38	0.64

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-79S

Date	04/07/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	81.86
Water Quality Meter	YSI	Gallons in Well	6.1
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	119.27
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	110
Water Column in Well	37.41	Total Volume to Remove	6.1
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	13:54	MS/MSD Sample Time	
Sample ID	~MW-79S-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:37	0.5	2	22.2	6.92	1918	123	3.14	56	81.93	0.98	1.24
13:41	0.5	4	22.6	6.88	1942	123	3.13	17	81.96	0.99	1.26
13:45	0.5	6	22.8	6.88	1932	122	3.13	9	81.96	0.98	1.25
13:49	0.5	8	23.0	6.88	1924	122	3.15	9	81.96	0.98	1.24
13:53	0.5	10	23.0	6.88	1917	121	3.14	9	81.96	0.98	1.24

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-80S

Date	04/09/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	0
Purge Volume Units	Ml	Depth to Water (ft bmp)	81.43
Water Quality Meter	YSI	Gallons in Well	2.96
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	99.56
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	90
Water Column in Well	18.13	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	13:05	MS/MSD Sample Time	
Sample ID	~MW-80S-Q220	Double Filter Turbidity	3
Single Filter Turbidity	10	Post Sampling Turbidity	
Without Filter Turbidity	40	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:44	500	2000	19.0	7.21	650	133	1.79	91	81.50	0.31	0.41
12:48	500	4000	19.1	7.27	549	131	1.70	39	81.50	0.26	0.35
12:52	500	6000	19.6	7.36	392	127	1.59	38	81.50	0.19	0.25
12:56	500	8000	19.5	7.39	273	126	1.50	39	81.50	0.13	0.17
13:00	500	10000	19.6	7.38	260	126	1.47	39	81.50	0.12	0.16
13:04	500	12000	19.6	7.38	258	126	1.46	40	81.50	0.12	0.16

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-87D

Date	04/09/2020	Sampler	Jacob m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	91.89
Water Quality Meter	YSI	Gallons in Well	10.05
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	153.51
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Water Column in Well	61.62	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	09:39	MS/MSD Sample Time	
Sample ID	~MW-87D-Q220	Double Filter Turbidity	1
Single Filter Turbidity	6	Post Sampling Turbidity	
Without Filter Turbidity	39	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:22	.5	2	19.3	6.10	867	-64.2	0.80	77	91.92	0.43	0.55
09:26	.5	4	20.3	6.34	884	-72.6	0.72	43	91.92	0.44	0.57
09:30	.5	6	21.3	6.62	893	-74.6	0.67	40	91.92	0.44	0.57
09:34	.5	8	21.5	6.63	898	-73.6	0.61	39	91.92	0.44	0.58
09:38	.5	10	21.6	6.63	897	-71.3	0.60	39	91.92	0.44	0.58

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

Apr 09,2020 09:16:34 AM
Location:~MW-87D Latitude:33.659315 , Longitude:-118.002654

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-87S

Date	04/09/2020	Sampler	Jacob m
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	81.68
Water Quality Meter	YSI	Gallons in Well	2.25
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	95.48
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Water Column in Well	13.8	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/09/2020	MS/MSD Sample ID	
Sample Time	10:23	MS/MSD Sample Time	
Sample ID	~MW-87S-Q220	Double Filter Turbidity	1
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	35	Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:58	.25	1	19	7.11	1586	-89.3	0.53	219	81.71	0.80	1.02
10:02	.25	2	20.8	7.95	1604	-98.6	0.48	242	81.71	0.81	1.04
10:14	.25	5	24.5	7.87	1760	-86.1	0.48	36	81.71	0.89	1.14
10:18	.25	6	24.8	7.83	1766	-84.1	0.47	35	81.71	0.90	1.15
10:22	.25	7	24.9	7.82	1769	-82.4	0.47	35	87.71	0.90	1.15

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-89D

Date	04/06/2020	Sampler	Phil Alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	86.50
Water Quality Meter	YSI	Gallons in Well	11.91
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	159.51
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	154
Water Column in Well	73.01	Total Volume to Remove	11.91
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	11:58	MS/MSD Sample Time	
Sample ID	~MW-89D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:37	0.50	2	20.5	7.30	3566	-60.8	1.77	20	86.65	2.73	3.56
11:41	0.50	4	21.4	7.22	4258	-70.5	0.94	12	86.67	2.69	3.34
11:45	0.50	6	22.0	7.19	4820	-75.1	0.88	9	86.67	2.68	3.31
11:49	0.50	8	22.2	7.15	4831	-78.2	0.88	5	86.67	2.68	3.31
11:53	0.50	10	22.3	7.15	4837	-80.2	0.87	5	86.67	2.67	3.30
11:57	0.50	12	22.3	7.14	4841	-82.6	0.87	5	86.67	2.69	3.30

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-89S

Date	04/06/2020	Sampler	Phil Alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	79.62
Water Quality Meter	YSI	Gallons in Well	5.75
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	114.90
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	110
Water Column in Well	35.28	Total Volume to Remove	5.75
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/06/2020	MS/MSD Sample ID	
Sample Time	13:05	MS/MSD Sample Time	
Sample ID	~MW-89S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:44	0.25	1	20.5	6.59	9017	-69.6	1.59	43	79.70	5.05	5.85
12:48	0.25	2	22.2	6.62	8743	-73.0	1.61	38	79.71	4.89	5.69
12:52	0.25	3	22.4	6.62	8701	-75.1	1.68	15	79.72	4.87	5.66
12:56	0.25	4	22.6	6.62	8661	-76.1	1.69	8	79.72	4.85	5.62
13:00	0.25	5	22.8	6.62	8645	-77.0	1.69	8	79.72	4.85	5.62
13:04	0.25	6	22.8	6.62	8651	-78.0	1.68	8	79.72	4.83	5.62

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-94S

Date	04/07/2020	Sampler	
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	79.21
Water Quality Meter	YSI	Gallons in Well	5.0
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	109.88
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	102.5
Water Column in Well	30.67	Total Volume to Remove	5.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	13:11	MS/MSD Sample Time	
Sample ID	~MW-94S-Q220	Double Filter Turbidity	1
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	16	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:54	0.25	1	20.8	7.17	2070	114	4.34	25	79.33	1.06	1.34
12:58	0.25	2	21.7	7.06	2067	118	3.98	16	79.33	1.06	1.34
13:02	0.25	3	23.2	7.00	2061	120	3.55	15	79.33	1.05	1.33
13:06	0.25	4	23.2	6.99	2060	121	3.37	15	79.33	1.05	1.33
13:10	0.25	5	23.2	6.98	2061	122	3.31	16	79.33	1.05	1.33

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-97S

Date	04/07/2020	Sampler	Riggie
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	86.24
Water Quality Meter	YSI	Gallons in Well	1.43
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	94.98
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	87.5
Water Column in Well	8.74	Total Volume to Remove	1.43
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	09:25	MS/MSD Sample Time	
Sample ID	~MW-97S-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:08	0.25	1	19.6	7.72	338	49	3.40	21	86.37	0.16	0.22
09:12	0.25	2	19.5	7.73	338	50	3.42	10	86.37	0.16	0.22
09:16	0.25	3	20.9	7.73	339	48	3.45	9	86.37	0.16	0.22
09:20	0.25	4	22.2	7.74	339	47	3.48	9	86.37	0.16	0.22
09:24	0.25	5	22.3	7.74	340	47	3.52	9	86.37	0.16	0.22

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-99C

Date	04/10/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	97.93
Water Quality Meter	YSI	Gallons in Well	14.15
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	184.70
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	180
Water Column in Well	86.77	Total Volume to Remove	14.15
		EB Sample ID	EB-727-Q220
Did Well Dewater?	No	EB Time	12:35
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	12:13	MS/MSD Sample Time	
Sample ID	~MW-99C-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	14	Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:56	1	4	21.3	6.85	5218	-34.6	1.26	25	98.02	1.37	2.21
12:00	1	8	21.5	6.81	5316	-39.5	1.23	20	98.03	1.35	2.23
12:04	1	12	21.7	6.80	5319	-41.6	1.21	15	98.04	1.33	2.24
12:08	1	16	21.9	6.80	5322	-45.6	1.21	14	98.05	1.33	2.24
12:12	1	20	22.0	6.79	5355	-47.6	1.20	14	98.05	1.33	2.24

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-01D

Date	04/08/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	105.04
Water Quality Meter	YSI	Gallons in Well	6.51
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	144.96
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	140
Water Column in Well	39.92	Total Volume to Remove	6.51
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	11:49	MS/MSD Sample Time	
Sample ID	~SC-MW-01D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:24	0.25	1	18.1	6.95	1009	-35.4	7.94	7	105.11	0.31	0.54
11:28	0.25	2	18.5	6.98	1019	-32.1	8.12	7	105.11	0.31	0.54
11:32	0.25	3	18.8	7.00	1018	-30.2	8.15	3	105.14	0.31	0.54
11:36	0.25	4	18.7	6.97	1019	-29.2	7.96	3	105.11	0.31	0.54
11:40	0.25	5	18.8	6.98	1019	-28.3	7.94	3	105.11	0.31	0.54
11:44	0.25	6	19.2	6.98	1019	-28.3	7.93	3	105.11	0.31	0.54
11:48	0.25	7	19.3	6.97	1018	-27.1	7.92	3	105.11	0.31	0.54

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-01S

Date	04/09/2020	Sampler	Brian
Weather Conditions	Rain	Color	
Purge Method	Low Flow	Casing Volume to Remove	
Casing Material	PVC	Depth to Water (ft bmp)	104.53
Casing Diameter (in)	2	Gallons in Well	0.00
Water Column in Well	0.00	Measured Well Depth (ft bmp)	104.53
Comments	Dry	Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: '~SC-MW-01S', Date: 2020:04:09 08:59:17, Azimuth: 287.4 W, Latitude: 34.90770498028375, Longitude: -117.15378516700 2

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-02D

Date	04/08/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	109.18
Water Quality Meter	YSI	Gallons in Well	5.78
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	144.63
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	143
Water Column in Well	35.45	Total Volume to Remove	5.78
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	12:46	MS/MSD Sample Time	
Sample ID	~SC-MW-02D-Q220	Double Filter Turbidity	3
Without Filter Turbidity	23	Post Sampling Turbidity	
		Purge Date	04/08/2020

Field Parameters

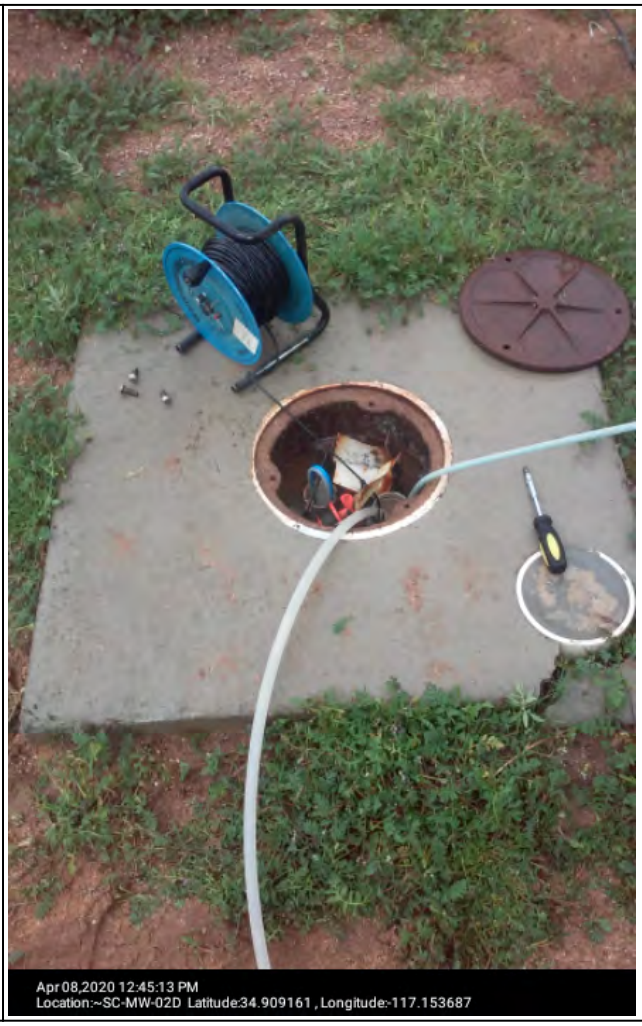
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:25	0.25	1	17.8	7.16	993	79.1	7.95	124	111.72	0.39	0.56
12:29	0.25	2	18.2	7.12	993	89.2	7.68	63	111.72	0.39	0.56
12:33	0.25	3	19.1	7.10	1013	93.2	7.49	29	111.72	0.39	0.56
12:37	0.25	4	20.1	7.08	1018	97.2	7.53	24	111.72	0.39	0.56
12:41	0.25	5	20.1	7.08	1029	98.1	7.63	24	111.72	0.39	0.56
12:45	0.25	6	20.1	7.08	1031	100.3	7.54	23	111.72	0.39	0.56

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-02S

Date	04/09/2020	Sampler	Brian
Weather Conditions	Cloudy	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	100.18
Water Column in Well	0.00	Gallons in Well	0.00
		Measured Well Depth (ft bmp)	100.18
Comments	Dry	Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

MONITOR
WELL
Location name: '~SC-MW-02S', Date: 2020:04:09 09:13:46, Azimuth: 339.6 N, Latitude: 34.90914914745628, Longitude: -117.1538051565862

~SC-MW-03D

Date	04/08/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	105.32
Water Quality Meter	YSI	Gallons in Well	6.56
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	145.56
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	140
Water Column in Well	40.24	Total Volume to Remove	6.56
		EB Sample ID	EB-717-Q220
Did Well Dewater?	No	EB Time	15:40
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	15:33	MS/MSD Sample Time	
Sample ID	~SC-MW-03D-Q220	Double Filter Turbidity	4
Without Filter Turbidity	30	Post Sampling Turbidity	
		Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:16	0.5	2	19.0	7.22	977	131.8	8.76	453	107.62	0.33	0.54
15:20	0.5	4	19.6	7.18	968	139.1	8.07	98	107.62	0.33	0.54
15:24	0.5	6	20.2	7.16	955	141.2	7.98	31	107.62	0.33	0.54
15:28	0.5	8	20.5	7.15	946	141.6	7.97	30	107.62	0.33	0.54
15:32	0.5	10	20.5	7.15	946	142.3	7.97	30	107.62	0.33	0.54

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-03S

Date	04/09/2020	Sampler	Brian
Weather Conditions	Rain	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	99.83
Water Column in Well	0.00	Gallons in Well	0.00
Comments	Dry	Measured Well Depth (ft bmp)	99.83
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: '~SC-MW-03S', Date: 2020:04:09 09:31:28, Azimuth: 281.3 W, Latitude: 34.91046944945758, Longitude: -117.1537536670578

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~21-02

Date	04/08/2020	Sampler	
Weather Conditions	Rain	Color	
Comments	No sample	Casing Volume to Remove	
Did Well Dewater?	NA	Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:50											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?			X	
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 08,2020 08:50:29 AM
Location:~21-02 Latitude:34.942749 , Longitude:-117.166105

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~21-03

Date	04/08/2020	Sampler	
Weather Conditions	Rain	Color	
Comments	No sample	Casing Volume to Remove	
Did Well Dewater?	NA	Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:56											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?			X	
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~23-30

Date	04/07/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/07/2020	Total Volume to Remove	
Sample Time	13:30	EB Sample ID	
Sample ID	~23-30-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:30	1	5	21.8	6.63	4379	82.8	2.91	1		2.50	3.02

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?		X		
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?	X			
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 07,2020 01:26:04 PM
Location:~23-30 Latitude:34.942808 , Longitude:-117.16618

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~26-65

Date	04/09/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/09/2020	Total Volume to Remove	
Sample Time	11:40	EB Sample ID	
Sample ID	~26-65-Q220	EB Time	
Duplicate Sample ID	MW-947-Q220	MS/MSD Sample ID	
Dup Sample Time	11:50	MS/MSD Sample Time	
Single Filter Turbidity	1	Double Filter Turbidity	
Without Filter Turbidity	1	Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:40	1	5	20.5	7.41	1721	-63.0	5.36	1		0.96	1.22

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 09,2020 11:39:14 AM
Location:~26-65 Latitude:34.931524 , Longitude:-117.162799

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~26-66

Date	04/09/2020	Sampler	Andrew Pham
Weather Conditions	Rain	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/09/2020	Total Volume to Remove	
Sample Time	12:25	EB Sample ID	
Sample ID	~26-66-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/09/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:25	1	5	18.5	8.25	571	68.0	1.79	1		0.32	0.42

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 09,2020 12:21:31 PM
Location:~26-66 Latitude:34.929261 , Longitude:-117.162881

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-42B1

Date	04/10/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	102.62
Water Quality Meter	YSI	Gallons in Well	12.06
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	121.10
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	116
Water Column in Well	18.48	Total Volume to Remove	12.06
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	09:32	MS/MSD Sample Time	
Sample ID	~MW-42B1-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	10	Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:15	1	4	19.5	6.76	8779	-48.0	5.49	22	102.70	4.90	5.72
09:19	1	8	21.3	6.71	8468	-57.1	5.34	12	102.71	4.74	5.49
09:23	1	12	21.5	6.71	8434	-59.2	5.30	10	102.71	4.68	5.44
09:27	1	16	21.7	6.70	8427	-62.5	5.28	10	102.71	4.65	5.44
09:31	1	20	21.7	6.70	8428	-65.2	5.28	10	102.71	4.62	5.43

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-42B2

Date	04/10/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	102.50
Water Quality Meter	YSI	Gallons in Well	19.58
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	132.51
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	125
Water Column in Well	30.01	Total Volume to Remove	19.58
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/10/2020	MS/MSD Sample ID	
Sample Time	10:08	MS/MSD Sample Time	
Sample ID	~MW-42B2-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/10/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:51	1	4	18.2	6.84	8218	-45.0	4.62	18	102.62	4.56	5.31
09:55	1	8	20.4	6.65	8121	-59.0	4.90	8	102.65	4.53	5.23
09:59	1		20.9	6.65	8120	-62.5	4.88	7	102.65	4.51	5.20
10:03	1	16	21.0	6.64	8115	-65.3	4.88	7	102.65	4.50	5.20
10:07	1	20	21.1	6.64	8110	-67.2	4.84	7	102.67	4.50	5.19

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-56

Date	04/07/2020	Sampler	Josh
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	103.28
Water Quality Meter	YSI	Gallons in Well	36.92
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	159.87
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	155
Water Column in Well	56.59	Total Volume to Remove	36.92
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/07/2020	MS/MSD Sample ID	
Sample Time	11:44	MS/MSD Sample Time	
Sample ID	~MW-56-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:19	1.5	6	21.3	6.96	1370	-36.6	4.45	4	103.68	0.39	0.58
11:23	1.5	12	21.7	6.94	1371	-35.3	4.64	4	103.68	0.39	0.58
11:27	1		21.8	6.89	1356	-32.7	4.77	3	103.68	0.39	0.58
11:31	1.5	24	21.8	6.87	1377	-30.1	5.03	3	103.68	0.39	0.58
11:35	1.5	30	22.1	6.86	1382	-29.7	5.12	3	103.68	0.39	0.58
11:39	1.5	36	22.3	6.86	1382	-29.6	5.15	3	103.68	0.39	0.58
11:43	1.5	42	22.3	6.85	1385	-30.1	5.16	3	103.68	0.39	0.58

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-86S

Date	04/08/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	85.90
Water Quality Meter	YSI	Gallons in Well	2.19
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	94.50
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	90
Water Column in Well	8.6	Total Volume to Remove	2.19
		EB Sample ID	EB-715-Q220
Did Well Dewater?	No	EB Time	14:30
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	14:27	MS/MSD Sample Time	
Sample ID	~MW-86S-Q220	Double Filter Turbidity	2
Single Filter Turbidity	12	Post Sampling Turbidity	
Without Filter Turbidity	35	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:10	0.2	0.8	16.7	7.54	2358	-50.8	5.72	50	85.96	1.20	1.49
14:14	0.2	1.6	17.6	7.83	2138	-66.3	6.26	40	85.97	1.10	1.39
14:18	0.2	2.4	17.8	7.82	2141	-68.2	6.25	37	85.97	1.10	1.38
14:22	0.2	3.0	17.9	7.82	2450	-70.3	6.24	35	85.97	1.10	1.37
14:26	0.2	3.8	18.0	7.81	2451	-71.2	6.24	35	85.97	1.10	1.37

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?			X	
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-86D

Date	04/08/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	92.88
Water Quality Meter	YSI	Gallons in Well	16.01
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	155.70
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	150
Water Column in Well	62.82	Total Volume to Remove	16.01
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	13:38	MS/MSD Sample Time	
Sample ID	~MW-86D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/08/2020

Field Parameters

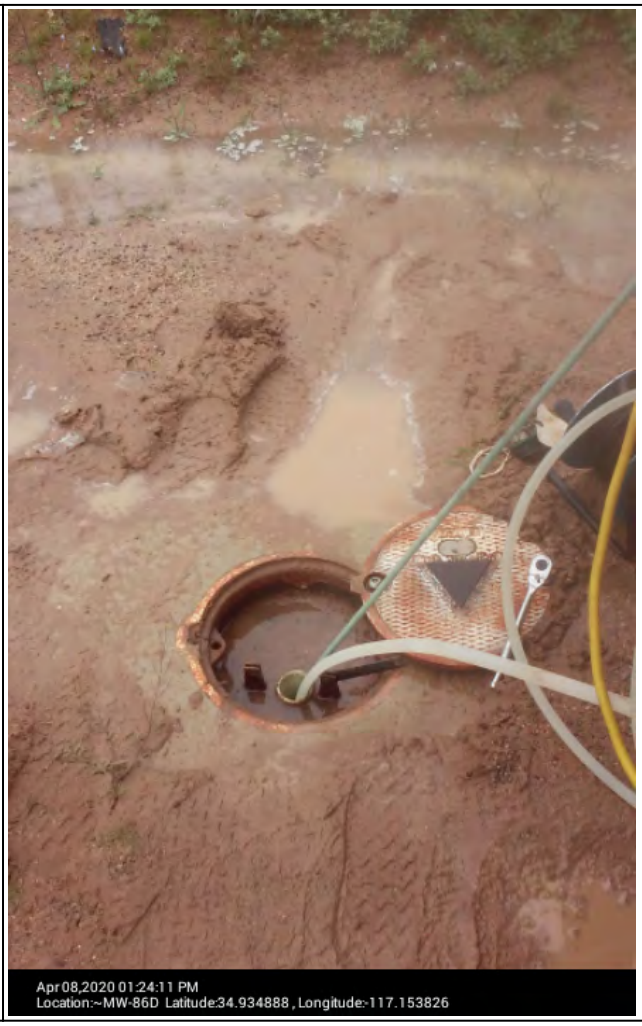
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:21	1	4	18.9	7.56	2452	-59.6	0.96	8	93.02	1.27	1.59
13:25	1	8	19.5	7.53	2444	-61.8	0.95	6	93.05	1.27	1.59
13:29	1	12	21.3	7.53	2435	-62.5	0.93	5	93.05	1.27	1.59
13:33	1	16	21.3	7.53	2427	-65.5	0.92	5	93.05	1.27	1.59
13:37	1	20	21.2	7.52	2416	-68.5	0.92	5	93.05	1.27	1.59

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

DVD-WPVT

Date	04/06/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

DVD-EPVT

Date	04/07/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Comments	Ext port	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/07/2020	EB Sample ID	
Sample Time	12:58	EB Time	
Sample ID	DVD-EPVT-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	1	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:56	1	5	19.7	6.95	4895	-65.4	5.22	1		2.64	3.19

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 07,2020 12:55:43 PM
Location:DVD-EPVT Latitude:34.930131 , Longitude:-117.165241

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

34-25

Date	04/06/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-21C

Date	04/08/2020	Sampler	Brian
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	95.64
Water Quality Meter	YSI	Gallons in Well	68.64
Casing Material	PVC	Measured Well Depth (ft bmp)	200.85
Casing Diameter (in)	4	Odor	none
Water Column in Well	105.21	Pump Intake Depth (ft bmp)	190
		Total Volume to Remove	68.64
Comments	QED Bladder	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/08/2020	MS/MSD Sample ID	
Sample Time	11:26	MS/MSD Sample Time	
Sample ID	~MW-21C-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:09	0.1	0.4	18.3	8.07	1644	22.4	2.82	7	95.70	0.84	1.07
11:13	0.1	0.8	18.4	7.83	1646	21.2	2.75	6	95.70	0.83	1.06
11:17	0.1	1.2	18.9	7.66	1639	20.7	2.65	6	95.70	0.83	1.06
11:21	0.1	1.6	19.4	7.61	1635	20.1	2.59	5	95.70	0.83	1.06
11:25	0.1	2.0	19.8	7.58	1631	19.7	2.56	5	95.70	0.83	1.06

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

EX-53

Date	04/16/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Casing Diameter (in)	6	Pump Intake Depth (ft bmp)	115
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/16/2020	EB Sample ID	
Sample Time	15:56	EB Time	
Sample ID	EX-53-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	2	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:55	1	5	22.0	7.18	1319	32	5.05	2		0.66	0.85

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 03:54:07 PM
Location:EX-53 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SC-MW-42S

Date	04/16/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	99.22
Water Quality Meter	YSI	Gallons in Well	11.59
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	116.98
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	109
Water Column in Well	17.76	Total Volume to Remove	11.59
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	08:43	MS/MSD Sample Time	
Sample ID	SC-MW-42S-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:26	0.75	3	22.2	6.80	1288	-114	0.32	8	99.40	0.64	0.83
08:30	0.75	6	22.9	6.83	1296	-120	0.24	8	99.40	0.64	0.83
08:34	0.75	9	23.9	6.87	1310	-126	0.16	8	99.40	0.66	0.85
08:38	0.75	12	24.0	6.87	1311	-133	0.15	8	99.40	0.65	0.85
08:42	0.75	15	24.1	6.87	1318	-136	0.14	8	99.40	0.65	0.85

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

SC-MW-42D

Date	04/16/2020	Sampler	
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	99.21
Water Quality Meter	YSI	Gallons in Well	5.14
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	130.74
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	126
Water Column in Well	31.53	Total Volume to Remove	5.14
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	09:27	MS/MSD Sample Time	
Sample ID	SC-MW-42D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:10	0.25	1	22.0	6.82	1395	-155	0.08	1	99.30	0.70	0.90
09:14	0.25	2	23.4	6.79	1415	-157	0.08	1	99.30	0.71	0.91
09:18	0.25	3	23.8	6.80	1419	-158	0.08	1	99.30	0.71	0.92
09:22	0.25	4	24.1	6.80	1415	-163	0.07	1	99.30	0.71	0.91
09:26	0.25	5	24.1	6.80	1414	-165	0.07	1	99.30	0.71	0.91

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SA-MW-41

Date	04/17/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	90.98
Casing Material	PVC	Gallons in Well	8.96
Casing Diameter (in)	4	Measured Well Depth (ft bmp)	104.72
Water Column in Well	13.74	Odor	none
		Pump Intake Depth (ft bmp)	100
Did Well Dewater?	No	Total Volume to Remove	8.96
Sample Date	04/17/2020	EB Sample ID	
Sample Time	11:02	EB Time	
Sample ID	SA-MW-41-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	5	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/17/2020

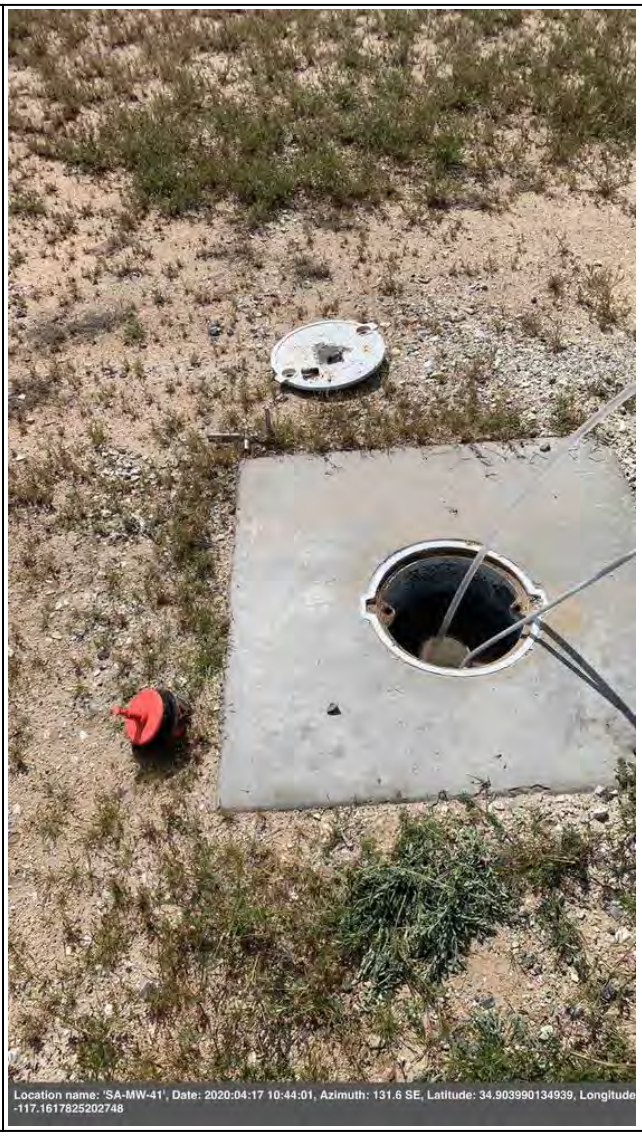
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:45	0.5	2	21.6	6.80	1028	71.7	3.75	6	92.66	0.51	0.66
10:49	0.5	4	21.9	6.80	1027	70.1	3.67	4	92.66	0.51	0.66
10:53	0.5	6	22.3	6.80	1026	68.9	3.57	5	92.66	0.51	0.66
10:57	0.5	8	22.3	6.79	1024	67.4	3.51	5	92.67	0.51	0.66
11:01	0.5	10	22.5	6.79	1022	66.6	3.47	5	92.67	0.51	0.66

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



MW-217S

Date	04/16/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	87.81
Water Quality Meter	YSI	Gallons in Well	9.38
Casing Material	PVC	Measured Well Depth (ft bmp)	102.19
Casing Diameter (in)	4	Odor	none
Water Column in Well	14.38	Pump Intake Depth (ft bmp)	98
		Total Volume to Remove	9.38
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	08:47	MS/MSD Sample Time	
Sample ID	MW-217S-Q220	Double Filter Turbidity	3
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	39	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:30	0.5	2	21.0	7.06	708	47.5	3.95	54	89.27	0.35	0.46
08:34	0.5	4	22.0	7.06	703	45.2	3.65	45	89.36	0.35	0.46
08:38	0.5	6	22.5	7.09	697	43.9	3.52	43	89.44	0.34	0.45
08:42	0.5	8	22.8	7.10	695	42.7	3.47	40	89.50	0.35	0.46
08:46	0.5	10	22.9	7.10	694	41.8	3.42	39	89.55	0.34	0.45

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-217D

Date	04/16/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	85.37
Water Quality Meter	YSI	Gallons in Well	5.58
Casing Material	PVC	Measured Well Depth (ft bmp)	119.61
Casing Diameter (in)	2	Odor	none
Water Column in Well	34.24	Pump Intake Depth (ft bmp)	114
		Total Volume to Remove	5.58
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	09:46	MS/MSD Sample Time	
Sample ID	MW-217D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/16/2020

Field Parameters

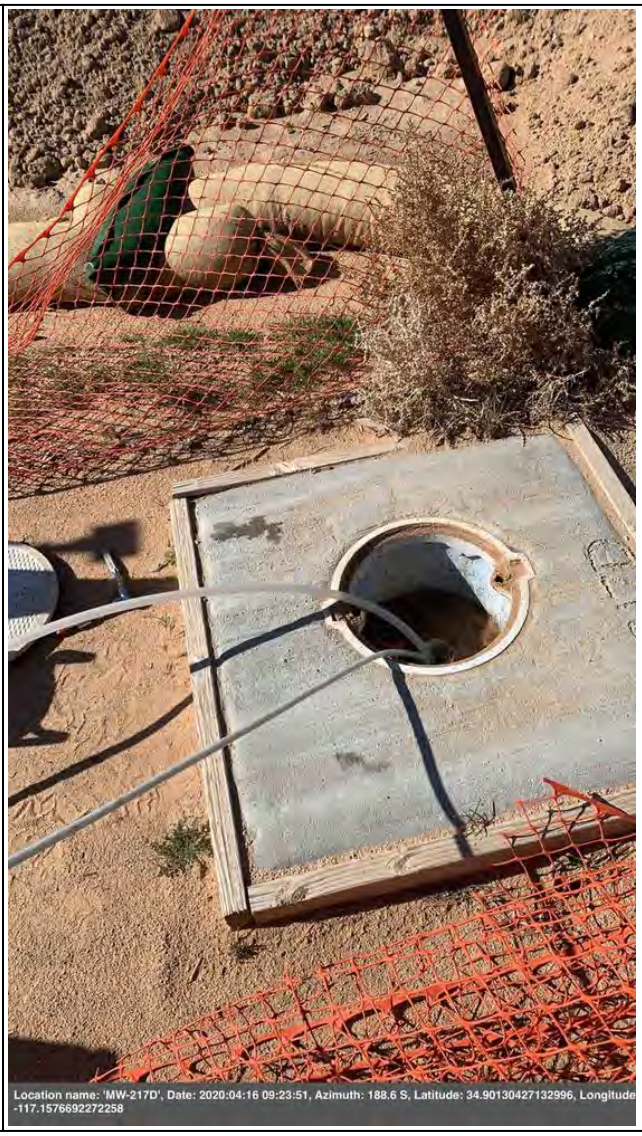
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:25	0.25	1	21.9	7.28	363	40.0	3.68	34	90.86	0.17	0.23
09:29	0.25	2	22.3	7.29	397	38.2	3.25	16	90.93	0.17	0.23
09:33	0.25	3	22.5	7.29	400	36.9	3.17	9	90.97	0.17	0.23
09:37	0.25	4	22.7	7.30	403	35.6	3.12	7	90.99	0.17	0.23
09:41	0.25	5	22.8	7.30	406	34.9	3.10	6	90.98	0.17	0.23
09:45	0.25	6	22.9	7.30	408	34.1	3.07	6	91.02	0.17	0.23

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-213S

Date	04/16/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	86.98
Water Quality Meter	YSI	Gallons in Well	5.36
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	95.20
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	94
Water Column in Well	8.22	Total Volume to Remove	5.36
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	11:46	MS/MSD Sample Time	
Sample ID	MW-213S-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	11	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:26	0.25	1	21.8	6.95	4469	-76.3	2.23	24	87.02	2.38	2.89
11:30	0.25	2	22.2	6.92	4454	-78.2	2	16	87.02	2.30	2.80
11:34	0.25	3	22.3	6.92	4460	-81.2	2.18	12	87.02	2.30	2.78
11:37	0.25	4	22.5	6.91	4422	-83.5	2.17	11	87.03	2.30	2.78
11:41	0.25	5	22.7	6.90	4416	-85.2	2.15	11	87.05	2.29	2.77
11:45	0.25	6	22.7	6.90	4412	-89.2	2.15	11	87.05	2.28	2.77

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-213D

Date	04/16/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	97.71
Water Quality Meter	YSI	Gallons in Well	15.06
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	156.82
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	150
Water Column in Well	59.11	Total Volume to Remove	15.06
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	10:56	MS/MSD Sample Time	
Sample ID	MW-213D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:39	1	4	21.7	7.44	2592	-83.0	1.82	12	97.82	1.34	1.69
10:43	1	8	22.2	7.41	2506	-87.2	1.78	10	97.82	1.31	1.65
10:47	1	12	22.5	7.40	2475	-89.2	1.75	5	97.85	1.30	1.65
10:51	1	16	22.7	7.40	2434	-90.2	1.72	5	97.87	1.30	1.64
10:55	1	20	22.9	7.40	2458	-92.5	1.71	5	97.89	1.29	1.64

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?		X		
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-74D2

Date	04/16/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	110.77
Water Quality Meter	YSI	Gallons in Well	8.55
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	144.30
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	140
Water Column in Well	33.53	Total Volume to Remove	8.55
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	13:57	MS/MSD Sample Time	
Sample ID	MW-74D2-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:40	0.50	2	22.5	6.78	2825	-55.9	2.10	14	110.84	1.46	1.82
13:44	0.50	4	23.2	6.74	2832	-60.2	2.03	8	110.87	1.45	1.81
13:48	0.50	6	23.4	6.73	2816	-62.5	2.01	5	110.88	1.45	1.81
13:52	0.50	8	23.7	6.75	2829	-67.3	1.98	5	110.88	1.43	1.80
13:56	0.50	10	23.9	6.76	2809	-69.4	1.95	5	110.88	1.43	1.80

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

CA-MW-412D2

Date	04/16/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

CA-MW-313R

Date	04/14/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SA-MW-44D

Date	04/17/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	96.53
Water Quality Meter	YSI	Gallons in Well	5.39
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	129.60
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	125
Water Column in Well	33.07	Total Volume to Remove	5.39
		EB Sample ID	Eb-752-q220
Did Well Dewater?	No	EB Time	12:05
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	11:57	MS/MSD Sample Time	
Sample ID	SA-MW-44D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:39	0.25	1	20.3	6.98	919	64	0.76	97	96.63	0.46	0.59
11:43	0.25	2	22.0	7.06	933	87	1.21	39	96.63	0.46	0.60
11:47	0.25	3	22.3	7.10	934	94	1.20	4	96.63	0.46	0.60
11:51	0.25	4	22.7	7.16	935	101	1.17	4	96.63	0.46	0.60
11:56	0.25	5.5	22.7	7.18	937	102	1.15	4	96.63	0.46	0.60

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

SA-MW-44S

Date	04/17/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	98.23
Water Quality Meter	YSI	Gallons in Well	4.66
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	105.38
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	100
Water Column in Well	7.15	Total Volume to Remove	4.66
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	11:20	MS/MSD Sample Time	
Sample ID	SA-MW-44S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:03	0.25	1	21.5	7.04	1015	72	0.66	1	98.37	0.50	0.66
11:07	0.25	2	22.1	7.07	1013	62	0.38	1	98.37	0.50	0.65
11:11	0.25	3	22.4	7.12	1010	57	0.26	1	98.37	0.50	0.65
11:15	0.25	4	22.4	7.13	1009	51	0.33	1	98.37	0.50	0.65
11:19	0.25	5	22.4	7.14	1010	41	0.30	1	98.37	0.50	0.65

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

EX-55

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	13:10	EB Sample ID	
Sample ID	EX-55-Q220	EB Time	
Duplicate Sample ID	MW-931-Q220	MS/MSD Sample ID	
Dup Sample Time	13:20	MS/MSD Sample Time	
Single Filter Turbidity	1	Double Filter Turbidity	
Without Filter Turbidity	1	Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:10	1	5	20.2	6.88	1236	129.1	4.77	1		0.68	0.88

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 01:07:56 PM
Location:EX-55 Latitude:34.908387 , Longitude:-117.15459

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SA-MW-42S

Date	04/17/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	85.42
Water Quality Meter	YSI	Gallons in Well	6.5
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	95.39
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	91
Water Column in Well	9.97	Total Volume to Remove	6.5
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	09:09	MS/MSD Sample Time	
Sample ID	SA-MW-42S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:52	0.5	2	22.9	7.20	1405	99	0.99	1	85.60	0.70	0.91
08:56	0.5	4	24.3	7.25	1393	99	0.97	1	85.60	0.70	0.90
09:00	0.5	6	24.5	7.25	1390	100	0.99	1	85.60	0.70	0.90
09:04	0.5	8	24.9	7.24	1384	100	0.99	1	85.60	0.70	0.90
09:08	0.5	10	25.0	7.24	1390	100	0.98	1	85.60	0.70	0.90

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

33-26

Date	04/16/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

SC-MW-44S

Date	04/16/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	95.12
Water Quality Meter	YSI	Gallons in Well	11.12
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	112.17
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	104
Water Column in Well	17.05	Total Volume to Remove	11.12
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	10:13	MS/MSD Sample Time	
Sample ID	SC-MW-44S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:52	0.5	2	22.1	6.99	1279	20	4.49	1	95.28	0.64	0.83
09:56	0.5	4	22.7	7.08	1294	60	4.19	1	95.28	0.65	0.83
10:00	0.5	6	22.9	7.14	1303	70	4.06	1	95.28	0.65	0.84
10:04	0.5	8	23.1	7.18	1306	79	3.88	1	95.28	0.65	0.85
10:08	0.5	10	23.2	7.19	1311	82	3.77	1	95.28	0.65	0.85
10:12	0.5	12	23.2	7.19	1312	83	3.74	1	95.28	0.65	0.85

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

SA-MW-42M

Date	04/17/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	85.94
Water Quality Meter	YSI	Gallons in Well	3.49
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	107.32
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	103
Water Column in Well	21.38	Total Volume to Remove	3.49
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	08:25	MS/MSD Sample Time	
Sample ID	SA-MW-42M-Q220	Double Filter Turbidity	1
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	15	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:08	0.25	1	21.7	7.65	857	88	2.38	16	86.12	0.41	0.53
08:12	0.25	2	23.3	7.69	870	83	2.50	14	86.12	0.37	0.48
08:16	0.25	3	23.9	7.67	894	92	2.57	15	86.12	0.44	0.57
08:20	0.25	4	24.1	7.67	893	94	2.49	15	86.12	0.44	0.57
08:24	0.25	5	24.6	7.65	895	97	2.20	15	86.12	0.44	0.57

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

MW-218S

Date	04/16/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	91.34
Water Quality Meter	YSI	Gallons in Well	4.10
Casing Material	PVC	Measured Well Depth (ft bmp)	97.62
Casing Diameter (in)	4	Odor	none
Water Column in Well	6.28	Pump Intake Depth (ft bmp)	96
		Total Volume to Remove	4.10
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	11:47	MS/MSD Sample Time	
Sample ID	MW-218S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:30	0.25	1	19.4	7.37	944	74.6	4.57	7	91.53	0.46	0.61
11:34	0.25	2	19.7	7.38	941	72.8	4.48	6	91.53	0.47	0.61
11:38	0.25	3	20.0	7.33	943	70.0	4.26	5	91.53	0.46	0.61
11:42	0.25	4	20.4	7.34	947	69.1	4.21	5	91.53	0.47	0.61
11:46	0.25	5	20.7	7.32	951	67.6	4.16	4	91.53	0.46	0.61

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

MW-218D

Date	04/16/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	88.06
Water Quality Meter	YSI	Gallons in Well	8.78
Casing Material	PVC	Measured Well Depth (ft bmp)	141.88
Casing Diameter (in)	2	Odor	none
Water Column in Well	53.82	Pump Intake Depth (ft bmp)	136
		Total Volume to Remove	8.78
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	12:25	MS/MSD Sample Time	
Sample ID	MW-218D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:08	0.5	2	19.7	7.34	829	57.4	3.32	5	88.36	0.41	0.53
12:12	0.5	4	19.9	7.35	832	56.7	3.29	5	88.36	0.41	0.54
12:16	0.5	6	19.9	7.35	852	55.6	3.26	4	88.36	0.41	0.53
12:20	0.5	8	20.0	7.35	856	54.8	3.23	4	88.36	0.41	0.54
12:24	0.5	10	20.2	7.34	853	53.9	3.21	4	88.36	0.41	0.53

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

SA-MW-43M

Date	04/17/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	85.58
Water Quality Meter	YSI	Gallons in Well	4.43
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	112.74
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	109
Water Column in Well	27.16	Total Volume to Remove	4.43
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	10:22	MS/MSD Sample Time	
Sample ID	SA-MW-43M-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:05	0.25	1	23.3	7.45	997	27	1.52	63	86.00	0.42	0.55
10:09	0.25	2	23.9	7.41	1008	37	1.34	14	86.00	0.43	0.58
10:13	0.25	3	24.1	7.34	1011	45	1.22	9	86.00	0.45	0.59
10:17	0.25	4	24.2	7.28	1013	51	1.15	9	86.00	0.48	0.63
10:21	0.25	5	24.2	7.24	1012	57	1.11	9	86.00	0.50	0.66

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

SA-MW-43S

Date	04/17/2020	Sampler	
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	85.93
Water Quality Meter	YSI	Gallons in Well	8.15
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	98.42
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	91
Water Column in Well	12.49	Total Volume to Remove	8.15
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	09:48	MS/MSD Sample Time	
Sample ID	SA-MW-43S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:31	0.5	2	24.0	7.11	1783	118	2.29	130	86.00	0.91	1.16
09:35	0.5	4	24.3	7.13	1893	119	2.16	16	86.00	0.96	1.23
09:39	0.5	6	24.5	7.17	1933	119	2.08	1	86.00	0.98	1.25
09:43	0.5	8	24.6	7.15	1966	119	2.00	1	86.00	1.00	1.28
09:47	0.5	10	24.6	7.16	1963	119	1.98	1	86.00	1.00	1.27

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-52

Date	04/16/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	100.64
Water Quality Meter	YSI	Gallons in Well	17.20
Casing Material	PVC	Measured Well Depth (ft bmp)	127.01
Casing Diameter (in)	4	Odor	none
Water Column in Well	26.37	Pump Intake Depth (ft bmp)	123
		Total Volume to Remove	17.20
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	13:50	MS/MSD Sample Time	
Sample ID	MW-52-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:33	1	4	19.3	7.07	1131	90.8	4.45	9	102.42	0.55	0.73
13:37	1	8	19.7	7.04	1135	88.7	4.32	9	102.49	0.57	0.74
13:41	1	12	19.9	7.04	1138	87.1	4.28	8	102.56	0.57	0.74
13:45	1	16	20.1	7.03	1139	85.3	4.25	8	102.62	0.57	0.73
13:49	1	20	20.4	7.03	1132	84.1	4.21	8	102.70	0.56	0.73

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

EX-66

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	15:55	EB Sample ID	
Sample ID	EX-66-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

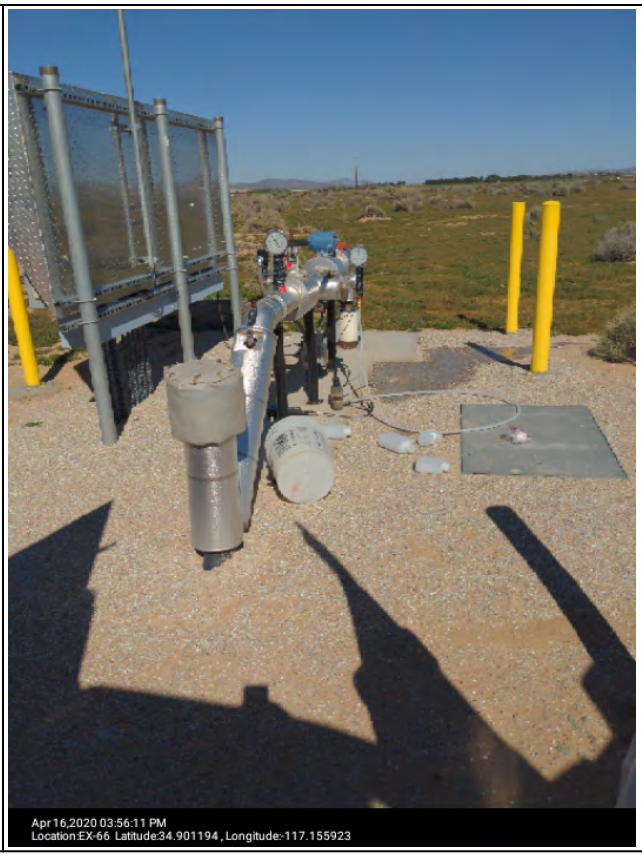
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:55	1	5	21.8	6.93	661	132.8	7.05	1		0.34	0.46

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?	X			
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?			X	
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings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ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-46M

Date	04/15/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	101.98
Water Quality Meter	YSI	Gallons in Well	6.01
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	111.19
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	103
Water Column in Well	9.21	Total Volume to Remove	6.01
		EB Sample ID	Eb-744-q220
Did Well Dewater?	No	EB Time	15:00
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	14:47	MS/MSD Sample Time	
Sample ID	MW-46M-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:26	0.25	1	21.6	7.04	1373	96	2.03	1	102.06	0.69	0.89
14:30	0.25	2	22.1	7.04	1369	91	2.06	1	102.06	0.69	0.89
14:34	0.25	3	22.1	7.04	1367	90	2.13	1	102.06	0.69	0.89
14:38	0.25	4	22.1	7.04	1364	85	2.21	1	102.06	0.68	0.89
14:42	0.25	5	22.2	7.04	1367	83	2.20	1	102.06	0.69	0.89
14:46	0.25	6	22.2	7.04	1368	81	2.20	1	102.06	0.69	0.89

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SC-MW-60D

Date	04/16/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	95.24
Water Quality Meter	YSI	Gallons in Well	5.03
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	126.08
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	122
Water Column in Well	30.84	Total Volume to Remove	5.03
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	14:06	MS/MSD Sample Time	
Sample ID	SC-MW-60D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:49	0.25	1	21.2	7.06	1130	35	0.89	12	95.37	0.57	0.74
13:53	0.25	2	22.3	7.12	1261	34	0.98	1	95.37	0.63	0.81
13:57	0.25	3	22.7	7.14	1273	36	1.06	1	95.37	0.63	0.82
14:01	0.25	4	22.8	7.14	1258	39	1.10	1	95.37	0.63	0.81
14:05	0.25	5	22.8	7.14	1260	39	1.10	1	95.37	0.63	0.81

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SC-MW-60S

Date	04/16/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	93.42
Water Quality Meter	YSI	Gallons in Well	7.39
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	104.75
Casing Material	PVC	Odor	Sulphur
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	98
Water Column in Well	11.33	Total Volume to Remove	7.39
		EB Sample ID	Eb-748-q220
Did Well Dewater?	No	EB Time	14:52
Sample Date	04/16/2020	MS/MSD Sample ID	sc-mw-60s-q220 msmsd
Sample Time	14:42	MS/MSD Sample Time	14:42
Sample ID	SC-MW-60S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:25	0.5	2	22.5	6.81	1214	-130	0.87	1	93.55	0.61	0.79
14:29	0.5	4	22.7	6.82	1240	-125	0.47	1	93.55	0.62	0.80
14:33	0.5	6	22.9	6.82	1278	-119	0.32	1	93.55	0.64	0.83
14:37	0.5	8	23.0	6.83	1309	-116	0.25	1	93.55	0.65	0.85
14:41	0.5	10	23.0	6.83	1312	-122	0.24	1	93.55	0.65	0.85

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

SC-MW-61D

Date	04/16/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	95.70
Water Quality Meter	YSI	Gallons in Well	5.47
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	129.23
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	125
Water Column in Well	33.53	Total Volume to Remove	5.47
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	13:22	MS/MSD Sample Time	
Sample ID	SC-MW-61D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:04	0.25	1	22.0	7.28	1083	-24	1.44	1	95.80	0.54	0.70
13:08	0.25	2	22.3	7.34	1085	-15	1.45	1	95.80	0.54	0.70
13:12	0.25	3	22.4	7.35	1089	-8	1.37	1	95.80	0.54	0.70
13:16	0.25	4	22.4	7.35	1092	-6	1.31	1	95.80	0.54	0.70
13:21	0.25	5.5	22.4	7.35	1089	-3	1.32	1	95.80	0.54	0.70

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SC-MW-61S

Date	04/16/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	94.55
Water Quality Meter	YSI	Gallons in Well	8.66
Sampling Type	Volume Purge – Hand Bail	Measured Well Depth (ft bmp)	107.82
Casing Material	PVC	Odor	Sulphur
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	101
Water Column in Well	13.27	Total Volume to Remove	8.66
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	12:45	MS/MSD Sample Time	
Sample ID	SC-MW-61S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:28	0.5	2	22.4	6.89	1288	-210	0.50	26	94.68	0.64	0.83
12:32	0.5	4	23.1	6.88	1285	-216	0.33	10	94.68	0.64	0.86
12:36	0.5	6	23.3	6.86	1282	-213	0.26	1	94.68	0.64	0.83
12:40	0.5	8	23.4	6.85	1283	-204	0.29	1	94.68	0.64	0.83
12:44	0.5	10	23.5	6.85	1286	-200	0.30	1	94.68	0.64	0.86

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SC-MW-62D

Date	04/16/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	96.66
Water Quality Meter	YSI	Gallons in Well	4.94
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	126.94
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	123
Water Column in Well	30.28	Total Volume to Remove	4.94
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	12:01	MS/MSD Sample Time	
Sample ID	SC-MW-62D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:44	0.25	1	21.0	6.94	1151	-70	0.53	5	96.74	0.58	0.75
11:48	0.25	2	22.4	7.13	1219	-24	1.46	1	96.74	0.61	0.79
11:52	0.25	3	22.5	7.14	1226	-18	1.42	1	96.74	0.61	0.79
11:56	0.25	4	22.6	7.14	1220	-8	1.39	1	96.74	0.61	0.79
12:00	0.25	5	22.6	7.14	1222	-4	1.38	1	96.74	0.61	0.79

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

SC-MW-62S

Date	04/16/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	95.99
Water Quality Meter	YSI	Gallons in Well	6.24
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	105.55
Casing Material	PVC	Odor	Sulphur
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	98
Water Column in Well	9.56	Total Volume to Remove	6.24
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	11:08	MS/MSD Sample Time	
Sample ID	SC-MW-62S-Q220	Double Filter Turbidity	
Duplicate Sample ID	Mw-943-q220	Post Sampling Turbidity	
Dup Sample Time	11:18	Purge Date	04/16/2020
Single Filter Turbidity	1		
Without Filter Turbidity	1		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:51	0.5	2	21.7	7.05	1418	-136	0.45	9	96.11	0.71	0.92
10:55	0.5	4	22.0	7.05	1440	-147	0.30	1	96.11	0.72	0.92
10:59	0.5	6	22.5	7.03	1453	-148	0.31	1	96.11	0.73	0.94
11:03	0.5	8	22.5	7.02	1446	-146	0.30	1	96.11	0.73	0.94
11:07	0.5	10	22.5	7.02	1439	-145	0.30	1	96.11	0.73	0.94

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

EX-64

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	14:35	EB Sample ID	
Sample ID	EX-64-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:35	1	5	21.0	6.75	1086	110.6	0.48	1		0.59	0.77

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

EX-63

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	14:20	EB Sample ID	
Sample ID	EX-63-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:20	1	5	21.7	6.98	1137	81.4	2.73	1		0.60	0.79

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 17,2020 10:16:18 AM
Location:EX-63 Latitude:34.907859 , Longitude:-117.161695

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

EX-65

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	14:50	EB Sample ID	
Sample ID	EX-65-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

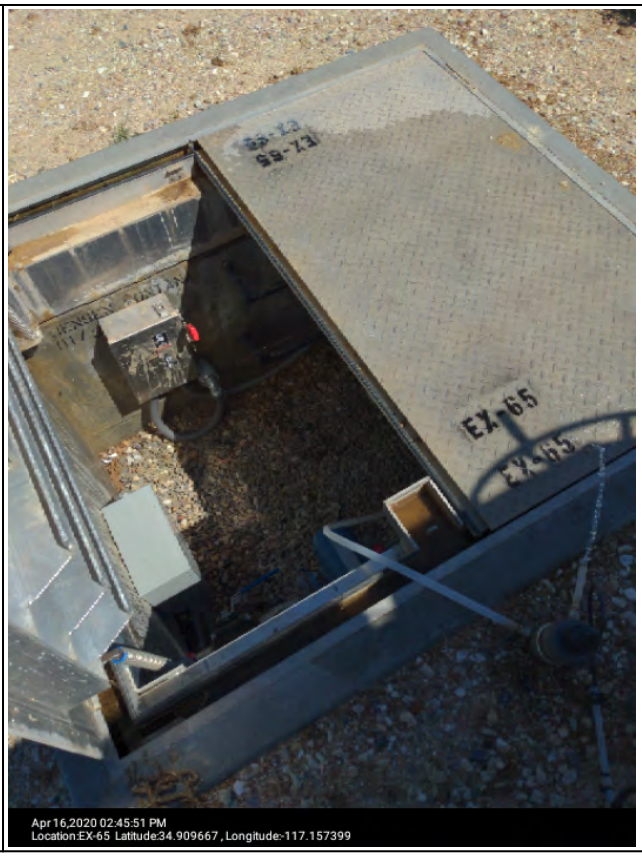
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:50	1	5	21.0	6.86	1089	92.5	2.85	1		0.59	0.77

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings


EX-65
Apr 16,2020 02:45:51 PM
Location:EX-65 Latitude:34.909667 , Longitude:-117.157399

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

EX-67

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	15:25	EB Sample ID	
Sample ID	EX-67-Q220	EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:25	1	5	20.5	7.14	875	121.3	5.99	1		0.47	0.62

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?		X		
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 03:24:56 PM
Location:EX-67 Latitude:34.90503 , Longitude:-117.154828

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SC-MW-11SR

Date	04/15/2020	Sampler	Josh
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	4	Depth to Water (ft bmp)	107.20
Water Column in Well	0.16	Gallons in Well	0.1
		Measured Well Depth (ft bmp)	107.36
Comments	Insufficient	Odor	
Did Well Dewater?	NA	Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:33											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 15,2020 12:32:29 PM
Location:SC-MW-11SR Latitude:34.908831 , Longitude:-117.163843

X-06

Date	04/14/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	86.43
Water Quality Meter	YSI	Gallons in Well	14.73
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	109
Casing Material	Stainless Steel	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	104
Water Column in Well	22.57	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	13:46	MS/MSD Sample Time	
Sample ID	X-06-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:45	1	5	23.4	7.18	952	122	4.30	1	86.45	0.47	0.61

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

X-6
Apr 14,2020 01:44:54 PM
Location:X-06 Latitude:0 , Longitude:0

X-04

Date	04/14/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	99
Water Quality Meter	YSI	Gallons in Well	6.52
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	109
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	104
Water Column in Well	10.0	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	14:06	MS/MSD Sample Time	
Sample ID	X-04-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:05	1	5	22.4	6.85	900	55	0.22	3	99.05	0.44	0.58

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 14,2020 02:04:05 PM
Location:null Latitude:0 , Longitude:0

X-05

Date	04/14/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	79.93
Water Quality Meter	YSI	Gallons in Well	22.23
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	114
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	104
Water Column in Well	34.07	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	14:31	MS/MSD Sample Time	
Sample ID	X-05-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:30	1	5	22.3	7.02	996	80	2.58	1	79.95	0.49	0.64

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 14,2020 02:26:03 PM
Location:X-05 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SA-RW-57

Date	04/17/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/17/2020	Total Volume to Remove	
Sample Time	08:05	EB Sample ID	
Sample ID	SA-RW-57-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:05	1	5	22.6	7.20	1733	98.7	4.96	1		0.92	1.18

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?		X		
Traffic Poles Intact?			X	
Concrete Pad Intact?			X	
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 17,2020 08:00:44 AM
Location:SA-RW-57 Latitude:34.851864 , Longitude:-117.084029

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SA-RW-53

Date	04/17/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	0
Casing Diameter (in)	6	Depth to Water (ft bmp)	104.88
Comments	Dtw only	Gallons in Well	
Did Well Dewater?	NA	Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:51	0	0							104.88		

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	
Remarks				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~28N-05

Date	04/13/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/13/2020	Total Volume to Remove	
Sample Time	12:05	EB Sample ID	
Sample ID	~28N-05-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	2	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:05	1	5	21.7	7.66	557	121.8	6.02	2		0.29	0.38

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?			X	
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?			X	
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 13,2020 12:26:15 PM
Location:~28N-05 Latitude:35.011668 , Longitude:-117.193477

~C-01

Date	04/14/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	85
Water Quality Meter	YSI	Gallons in Well	132.12
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	175
Casing Material	Stainless Steel	Odor	None
Casing Diameter (in)	6	Pump Intake Depth (ft bmp)	140
Water Column in Well	90.0	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	13:16	MS/MSD Sample Time	
Sample ID	~C-01-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:15	1	5	21.1	6.70	4733	93	5.15	4	85	2.54	3.07

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 14,2020 01:10:41 PM
Location:~C-01 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-101

Date	04/16/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	103.46
Water Quality Meter	YSI	Gallons in Well	6.11
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	112.83
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	110
Water Column in Well	9.37	Total Volume to Remove	6.11
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	08:34	MS/MSD Sample Time	
Sample ID	~CA-MW-101-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	15	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:09	0.25	1	20.8	6.37	1302	25.2	2.97	23	105.53	0	
08:13	0.25	2	21.8	6.71	1323	27.2	1.46	18	105.53	0.29	0.51
08:17	0.25	3	21.9	6.74	1337	29.1	1.24	15	105.53	0.29	0.51
08:21	0.25	4	22.5	6.86	1356	30.2	1.10	15	105.53	0.29	0.51
08:25	0.25	5	22.9	6.91	1372.	31.5	1.01	15	105.53	0.29	0.51
08:29	0.25	6	22.9	6.92	1381	32.5	0.99	15	105.53	0.29	0.51
08:33	0.25	7	22.9	6.92	1382	32.3	0.98	15	105.53	0.29	0.51

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-101D

Date	04/16/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	101.01
Water Quality Meter	YSI	Gallons in Well	5.59
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	135.29
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	130
Water Column in Well	34.28	Total Volume to Remove	5.59
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	09:34	MS/MSD Sample Time	
Sample ID	~CA-MW-101D-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:13	0.25	1	21.4	6.91	1431	-18.1	1.24	19	104.61	0.31	0.54
09:17	0.25	2	21.6	6.86	1443	-22.1	0.97	13	104.61	0.31	0.54
09:21	0.25	3	22.3	6.82	1441	-23.1	0.86	10	104.61	0.31	0.54
09:25	0.25	4	22.7	6.87	1442	-23.2	0.83	7	104.61	0.31	0.54
09:29	0.25	5	23.2	6.82	1445	-23.2	0.80	7	104.61	0.31	0.54
09:33	0.25	6	23.5	6.80	1445	-22.9	0.79	7	104.61	0.31	0.54

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-103D

Date	04/16/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	92.91
Water Quality Meter	YSI	Gallons in Well	6.85
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	134.92
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	130
Water Column in Well	42.01	Total Volume to Remove	6.85
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	12:32	MS/MSD Sample Time	
Sample ID	~CA-MW-103D-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	21	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:07	0.25	1	23.2	7.06	1414	72.1	3.93	298	94.72	0.32	0.65
12:11	0.25	2	22.0	6.89	1393	74.1	0.61	121	94.72	0.32	0.65
12:15	0.25	3	22.2	6.87	1396	78.2	0.47	67	94.72	0.32	0.65
12:19	0.25	4	23.1	6.88	1398	81.3	0.39	23	94.72	0.32	0.64
12:23	0.25	5	23.5	6.86	1397	82.3	0.38	22	94.72	0.32	0.64
12:27	0.25	6	23.6	6.88	1399	82.5	0.38	22	94.72	0.32	0.64
12:31	0.25	7	23.5	6.87	1410	85.3	0.39	21	94.72	0.32	0.64
12:32											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Groundwater Monitoring Field Data Form

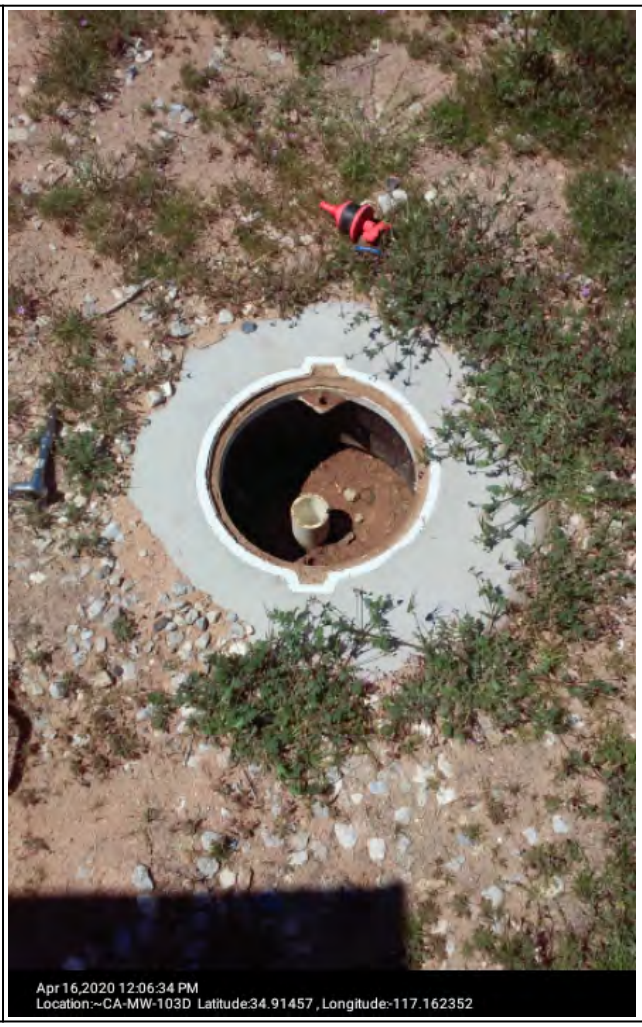
Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-107D

Date	04/16/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	96.58
Water Quality Meter	YSI	Gallons in Well	6.3
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	135.21
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	133
Water Column in Well	38.63	Total Volume to Remove	6.3
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	13:22	MS/MSD Sample Time	
Sample ID	~CA-MW-107D-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:57	0.25	1	21.6	7.11	1395	-5.6	1.35	11	96.91	0.32	0.61
13:01	0.25	2	21.4	6.97	1409	-3.2	0.62	10	96.91	0.32	0.61
13:05	0.25	3	22.0	6.90	1420	-6.9	0.43	8	96.91	0.32	0.61
13:09	0.25	4	22.5	6.91	1423	-7.0	0.41	8	96.91	0.32	0.61
13:13	0.25	5	22.8	6.91	1425	-6.2	0.40	8	96.91	0.32	0.61
13:17	0.25	6	22.9	6.91	1430	-5.2	0.40	8	96.91	0.32	0.61
13:21	0.25	7	23.1	6.92	1435	-5.1	0.41	8	96.91	0.32	0.61

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-108D

Date	04/16/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	101.23
Water Quality Meter	YSI	Gallons in Well	7.17
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	145.21
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	140
Water Column in Well	43.98	Total Volume to Remove	7.17
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	10:23	MS/MSD Sample Time	
Sample ID	~CA-MW-108D-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:58	0.25	1	22.1	7.36	1015	12.1	1.83	15	102.94	0.34	0.57
10:02	0.25	2	22.3	7.24	1018	14.2	1.17	13	102.94	0.34	0.57
10:06	0.25	3	22.4	7.21	1017	14.9	1.08	10	102.94	0.34	0.57
10:10	0.25	4	23.9	7.11	1049	15.1	0.86	8	102.94	0.34	0.57
10:14	0.25	5	24.0	7.02	1050	15.3	0.80	8	102.94	0.34	0.57
10:18	0.25	6	24.1	7.06	1051	15.6	0.76	8	102.94	0.34	0.58
10:22	0.25	7	24.3	7.08	1052	15.6	0.75	8	102.94	0.34	0.57

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-109D

Date	04/16/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	96.34
Water Quality Meter	YSI	Gallons in Well	6.35
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	135.27
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	133
Water Column in Well	38.93	Total Volume to Remove	6.35
		EB Sample ID	EB-746-Q220
Did Well Dewater?	No	EB Time	15:30
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	14:38	MS/MSD Sample Time	
Sample ID	~CA-MW-109D-Q220	Double Filter Turbidity	3
Without Filter Turbidity	50	Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:13	0.25	1	22.5	7.10	1291	-32.5	3.65	1000	96.80	0.35	0.68
14:17	0.25	2	22.5	7.04	1255	-29.1	3.65	1000	96.80	0.35	0.68
14:21	0.25	3	22.5	6.97	1332	-28.1	1.81	521	96.80	0.35	0.68
14:25	0.25	4	24.4	7.00	1370	-25.2	3.57	219	96.80	0.35	0.68
14:29	0.25	5	24.8	7.06	1374	-21.2	0.98	54	96.80	0.35	0.68
14:33	0.25	6	24.8	7.09	1368	-20.1	0.89	52	96.80	0.35	0.68
14:37	0.25	7	25.1	7.05	1371	-19.9	0.84	50	96.80	0.35	0.68

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-110

Date	04/16/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	103.21
Water Quality Meter	YSI	Gallons in Well	14.66
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	113.20
Casing Material	PVC	Odor	None
Casing Diameter (in)	6	Pump Intake Depth (ft bmp)	110
Water Column in Well	9.99	Total Volume to Remove	14.66
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	11:23	MS/MSD Sample Time	
Sample ID	~CA-MW-110-Q220	Double Filter Turbidity	5
Without Filter Turbidity	52	Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:54	0.5	2	24.8	6.78	1020	48.7	1.16	1000	105.63	0.35	0.67
10:58	0.5	4	25.0	6.79	1011	51.2	1.14	1000	105.63	0.35	0.67
11:02	0.5	6	25.0	6.78	1020	52.3	1.10	1000	105.63	0.35	0.67
11:06	0.5	8	25.1	6.78	990	55.1	1.07	992	105.63	0.35	0.67
11:10	0.5	10	26.0	6.81	910	56.1	0.93	162	105.63	0.35	0.67
11:14	0.5	12	26.3	6.77	952	56.9	0.91	55	105.63	0.35	0.67
11:18	0.5	14	27.0	6.82	962	56.8	0.91	54	105.63	0.35	0.67
11:22	0.5	16	26.8	6.88	968	56.9	0.92	52	105.63	0.35	0.67

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-301

Date	04/16/2020	Sampler	Josh
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	110.74
Water Column in Well	0.5	Gallons in Well	0.08
		Measured Well Depth (ft bmp)	111.24
Comments	Insufficient	Odor	
Did Well Dewater?	NA	Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

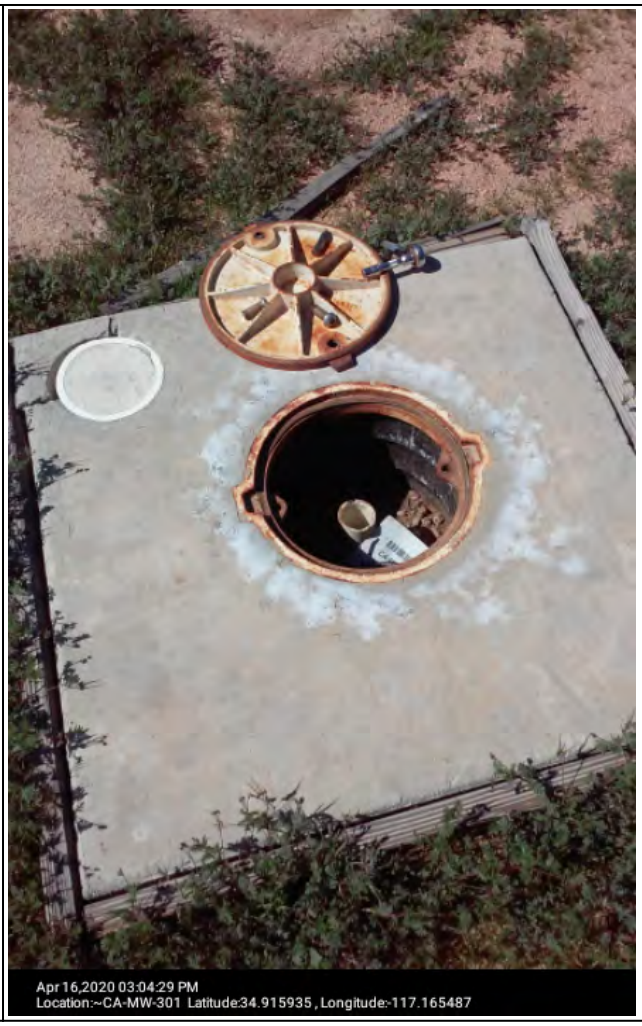
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:26											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings


Apr 16,2020 03:04:29 PM
Location:~CA-MW-301 Latitude:34.915935 , Longitude:-117.165487

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-501D

Date	04/17/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	109.89
Water Quality Meter	YSI	Gallons in Well	2.76
Casing Material	PVC	Measured Well Depth (ft bmp)	126.80
Casing Diameter (in)	2	Odor	none
Water Column in Well	16.91	Pump Intake Depth (ft bmp)	122
		Total Volume to Remove	2.76
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	08:36	MS/MSD Sample Time	
Sample ID	~CA-MW-501D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/17/2020

Field Parameters

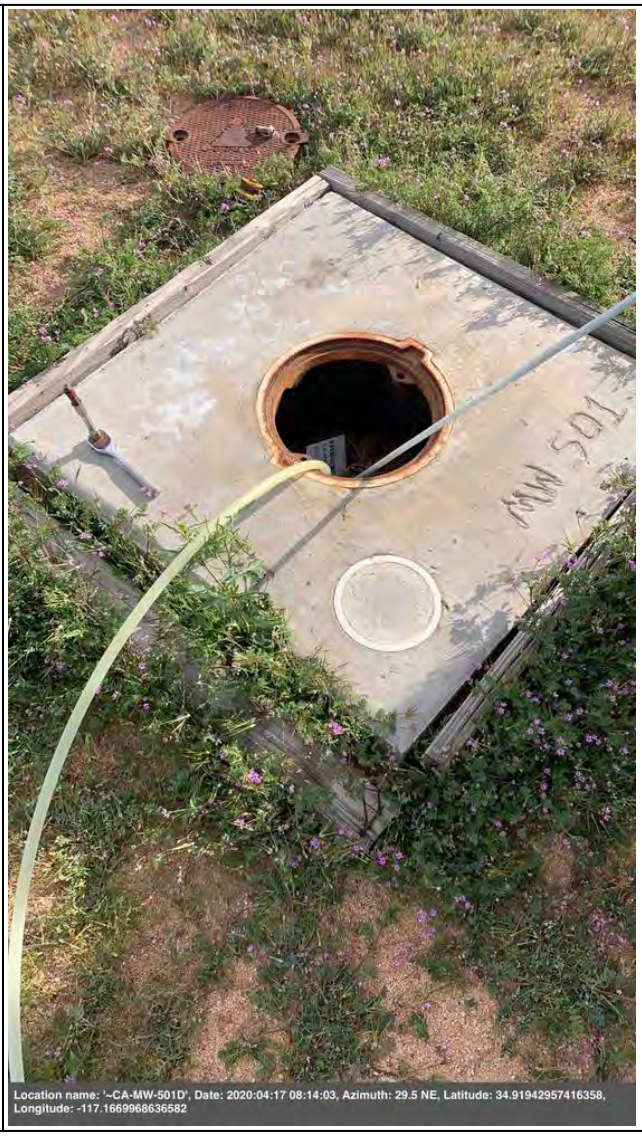
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:15	0.25	1	20.2	7.57	1410	85.3	4.19	42	110.74	0.71	0.91
08:19	0.25	2	21.5	7.48	1415	81.1	3.78	19	110.74	0.71	0.91
08:23	0.25	3	22.9	7.46	1418	79.3	3.42	8	110.74	0.71	0.91
08:27	0.25	4	24.1	7.45	1420	77.1	3.13	6	110.74	0.71	0.91
08:31	0.25	5	24.5	7.45	1421	75.4	3.05	6	110.74	0.71	0.91
08:35	0.25	6	24.4	7.45	1424	74.2	3.01	6	110.74	0.71	0.91

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-501S

Date	04/17/2020	Sampler	Brian
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	108.01
Water Column in Well	0.00	Gallons in Well	0.00
		Measured Well Depth (ft bmp)	108.01
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/17/2020

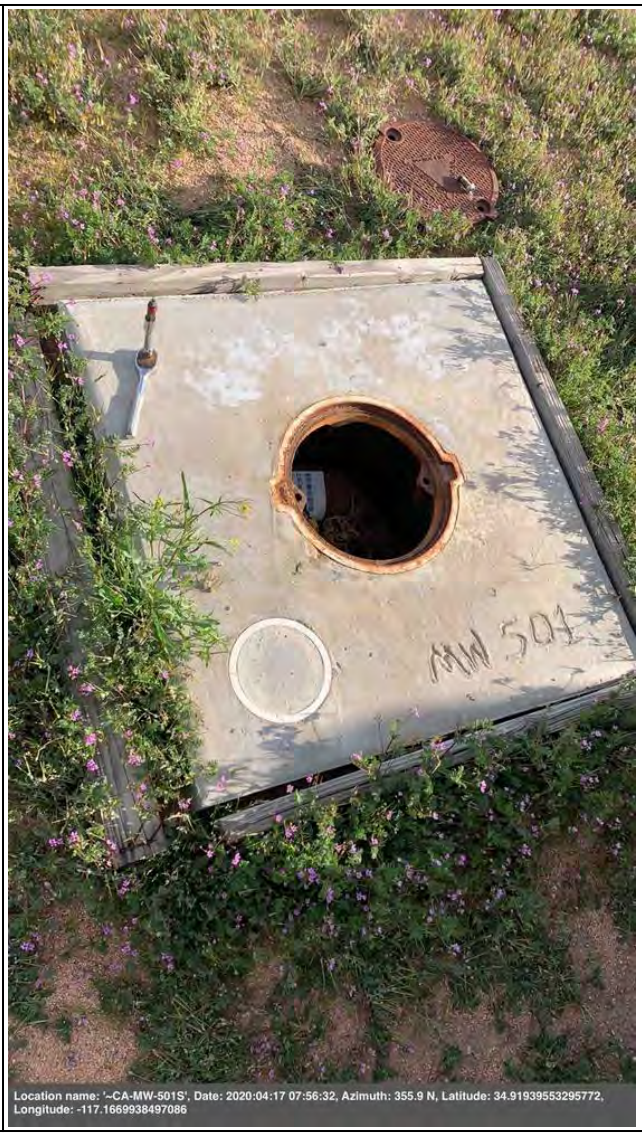
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings


MW 501
Location name: '~CA-MW-501S', Date: 2020:04:17 07:56:32, Azimuth: 355.9 N, Latitude: 34.91939553295772, Longitude: -117.1669938497086

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-505

Date	04/17/2020	Sampler	Brian
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	105.58
Comments	DTW ONLY	Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

MW505
Location name: '~CA-MW-505', Date: 2020:04:17 09:10:17, Azimuth: 1.8 N, Latitude: 34.91897586958176, Longitude: -117.1641057748078

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-506S

Date	04/17/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	106.84
Water Quality Meter	YSI	Gallons in Well	0.78
Casing Material	PVC	Measured Well Depth (ft bmp)	111.63
Casing Diameter (in)	2	Odor	none
Water Column in Well	4.79	Pump Intake Depth (ft bmp)	109
		Total Volume to Remove	0.78
Did Well Dewater?	No	EB Sample ID	EB-749-Q220
Sample Date	04/17/2020	EB Time	12:45
Sample Time	11:54	MS/MSD Sample ID	
Sample ID	~CA-MW-506S-Q220	MS/MSD Sample Time	
Single Filter Turbidity	1	Double Filter Turbidity	
Without Filter Turbidity	7	Post Sampling Turbidity	
		Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:33	0.1	0.4	20.1	7.17	1378	55.4	4.19	44	106.90	0.69	0.89
11:37	0.1	0.8	20.0	7.20	1381	54.7	4.17	29	106.90	0.69	0.89
11:41	0.1	1.2	20.0	7.13	1374	54.2	4.16	14	106.90	0.69	0.89
11:45	0.1	1.6	20.0	7.12	1373	53.5	4.14	10	106.90	0.69	0.89
11:49	0.1	2.0	19.9	7.11	1371	52.6	4.12	8	106.90	0.69	0.89
11:53	0.1	2.4	20.0	7.10	1367	51.8	4.11	7	106.90	0.69	0.89

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~DW-02

Date	04/17/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	0
Purge Volume Units	Ml	Depth to Water (ft bmp)	87.25
Water Quality Meter	YSI	Gallons in Well	8.32
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	100
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	95
Water Column in Well	12.75	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	11:05	MS/MSD Sample Time	
Sample ID	~DW-02-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:43	500	2000	20.0	6.66	3620	131.8	1.95	83	87.25	2.12	2.60
10:47	500	4000	20.1	6.54	3603	130.1	1.04	36	87.25	2.11	2.58
10:51	500	6000	20.1	6.55	3611	128.6	0.99	17	87.25	2.12	2.59
10:55	500	8000	20.0	6.53	3621	127.9	0.95	9	87.25	2.13	2.60
10:59	500	10000	20.0	6.53	3626	126.9	0.97	9	87.25	2.13	2.61
11:03	500	12000	20.0	6.52	3638	126.3	0.89	9	87.26	2.13	2.61

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-01

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	09:45	EB Sample ID	
Sample ID	~EX-01-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:45	1	5	20.3	6.96	1627	64.8	5.72	1		0.90	1.15

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 09:43:13 AM
Location:~EX-01 Latitude:34.930563 , Longitude:-117.162746

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-04

Date	04/14/2020	Sampler	
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	77.30
Water Quality Meter	YSI	Gallons in Well	17.42
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	104
Casing Material	Stainless Steel	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	99
Water Column in Well	26.7	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	11:26	MS/MSD Sample Time	
Sample ID	~EX-04-Q220	Double Filter Turbidity	
Duplicate Sample ID	Mw-921-q220	Post Sampling Turbidity	
Dup Sample Time	11:36	Purge Date	04/14/2020
Single Filter Turbidity	1		
Without Filter Turbidity	2		

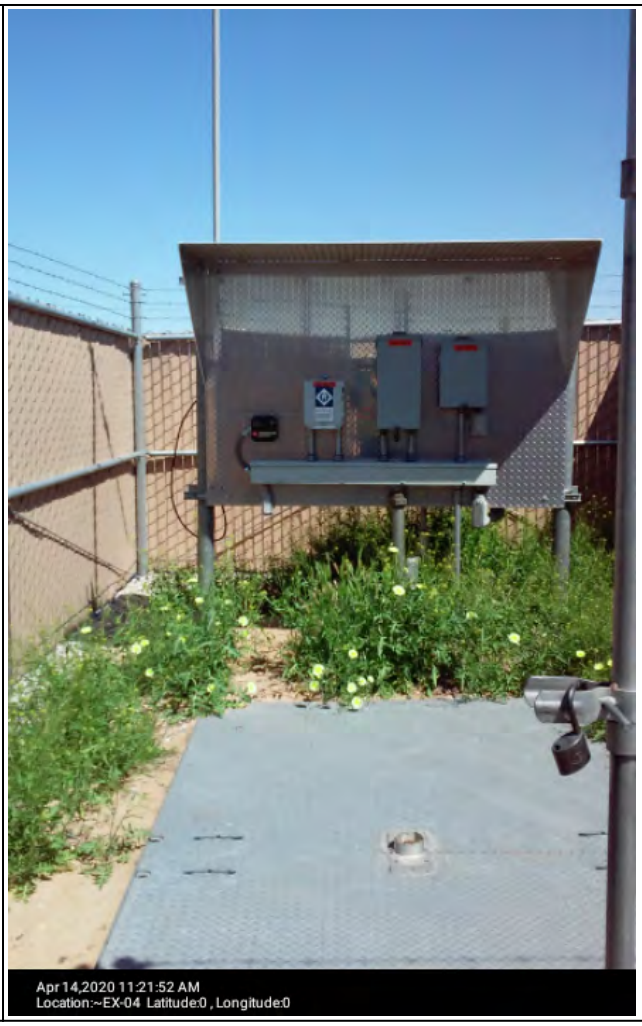
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:25	1	5	25.4	6.83	3537	66	4.33	2	77.38	1.85	2.30

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings


Apr 14,2020 11:21:52 AM
Location:~EX-04 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-05

Date	04/14/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	91.24
Water Quality Meter	YSI	Gallons in Well	13.54
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	112
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	102
Water Column in Well	20.76	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	11:01	MS/MSD Sample Time	
Sample ID	~EX-05-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:00	1	5	22.9	7.58	756	200	5.25	4	91.27	0.37	0.48

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 14,2020 10:51:17 AM
Location:~EX-05 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-15

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
16:30	1	5	22.9	7.33	722	123.4	4.57	1		0.37	0.49

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 04:25:35 PM
Location:~EX-15 Latitude:34.901223 , Longitude:-117.155896

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-16

Date	04/14/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

EX 16
Apr 14,2020 10:29:11 AM
Location:~EX-16 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-20

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	10:45	EB Sample ID	
Sample ID	~EX-20-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

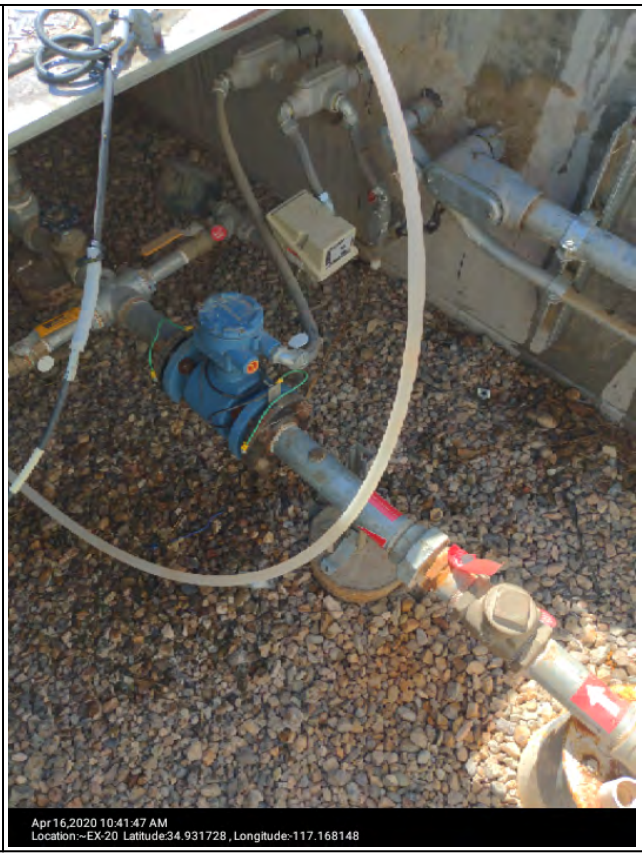
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:45	1	5	24.9	7.29	717	57.0	8.58	1		0.36	0.47

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?		X		
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings


Apr 16,2020 10:41:47 AM
Location:~EX-20 Latitude:34.931728 , Longitude:-117.168148

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-22

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	11:50	EB Sample ID	
Sample ID	~EX-22-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:50	1	5	22.1	6.98	1482	85.1	5.47	1		0.79	1.02

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?			X	
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 11:48:57 AM
Location:~EX-22 Latitude:34.922346 , Longitude:-117.168287

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-29

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	11:05	EB Sample ID	
Sample ID	~EX-29-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:05	1	5	21.7	7.09	1010	91.7	6.33	1		0.53	0.70

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 11:05:10 AM
Location:~EX-29 Latitude:34.928235 , Longitude:-117.170225

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-30

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	11:30	EB Sample ID	
Sample ID	~EX-30-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:30	1	5	21.6	7.10	812	91.6	5.43	1		0.43	0.57

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 11:27:26 AM
Location:~EX-30 Latitude:34.92746 , Longitude:-117.169214

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-31

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	09:05	EB Sample ID	
Sample ID	~EX-31-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:05	1	5	22.2	6.83	2553	11.4	9.75	1		1.40	1.74

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

Apr 16,2020 09:03:03 AM
Location:~EX-31 Latitude:34.93826 , Longitude:-117.156387

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-32

Date	04/16/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	95
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/16/2020	EB Sample ID	
Sample Time	16:26	EB Time	
Sample ID	~EX-32-Q220	MS/MSD Sample ID	
Duplicate Sample ID	Mw-914-q220	MS/MSD Sample Time	
Dup Sample Time	16:36	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
16:25	1	5	23.0	6.90	2075	38	3.94	3		1.06	1.34

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 04:25:38 PM
Location:~EX-32 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-33

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	09:15	EB Sample ID	
Sample ID	~EX-33-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

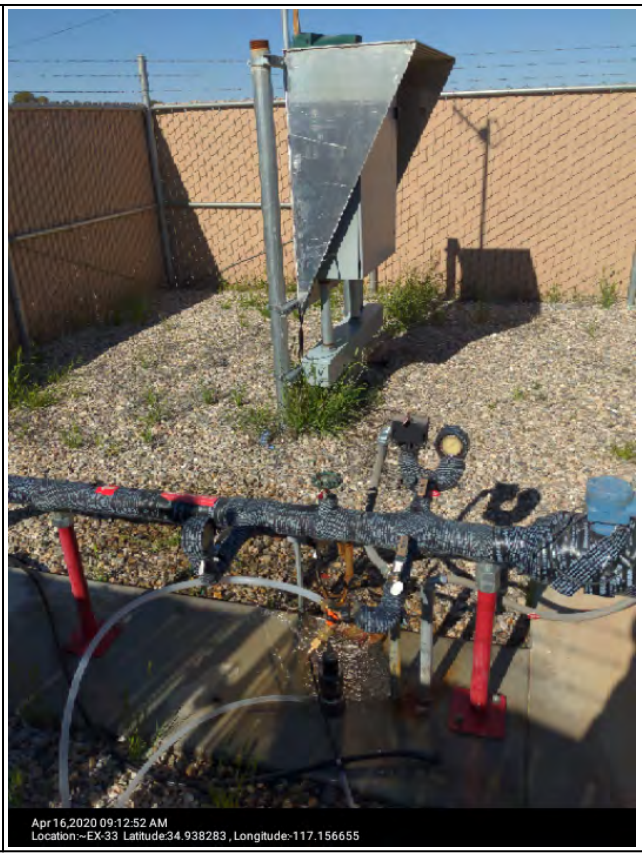
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:15	1	5	21.8	6.73	3788	70.7	6.01	1		2.14	2.62

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings


Apr 16,2020 09:12:52 AM
Location:~EX-33 Latitude:34.938283 , Longitude:-117.156655

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-37

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	11:15	EB Sample ID	
Sample ID	~EX-37-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:15	1	5	22.7	6.99	1315	99.2	5.94	1		0.69	0.90

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 11:11:39 AM
Location:~EX-37 Latitude:34.928196 , Longitude:-117.17028

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-38

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	12:25	EB Sample ID	
Sample ID	~EX-38-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	2	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:25	1	5	23.2	7.24	1527	113.4	7.89	2		0.83	1.07

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 12:22:07 PM
Location:~EX-38 Latitude:34.922392 , Longitude:-117.168308

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~F-IRR

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	12:35	EB Sample ID	
Sample ID	~F-IRR-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:35	1	5	20.2	6.95	967	119.4	7.77	1		0.53	0.69

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 12:32:08 PM
Location:~F-IRR Latitude:34.911301 , Longitude:-117.158427

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~GPVTS

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	08:30	EB Sample ID	
Sample ID	~GPVTS-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:30	1	5	20.3	6.73	2823	115.8	5.66	1		1.65	2.02

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 08:30:30 AM
Location:~GPVTS Latitude:34.93858 , Longitude:-117.160323

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~IW-01

Date	04/14/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	84.02
Water Quality Meter	YSI	Gallons in Well	3494.43
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	135
Casing Material	PVC	Odor	None
Casing Diameter (in)	41	Pump Intake Depth (ft bmp)	115
Water Column in Well	50.98	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	08:06	MS/MSD Sample Time	
Sample ID	~IW-01-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:05	1	5	20.6	6.90	2253	137	3.18	1	84.02	1.16	1.46

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 14,2020 08:05:31 AM
Location:~IW-01 Latitude:0 , Longitude:0

~IW-02

Date	04/14/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	85.50
Water Quality Meter	YSI	Gallons in Well	42.08
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	150
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	135
Water Column in Well	64.5	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	08:31	MS/MSD Sample Time	
Sample ID	~IW-02-Q220	Double Filter Turbidity	
Duplicate Sample ID	Mw-906-q220	Post Sampling Turbidity	
Dup Sample Time	08:41	Purge Date	04/14/2020
Single Filter Turbidity	1		
Without Filter Turbidity	2		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:30	1	5	20.3	7.15	1586	145	3.76	2	85.60	0.80	1.03

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 14,2020 08:26:02 AM
Location:~IW-02 Latitude:0 , Longitude:0

~IW-03

Date	04/14/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	86.00
Water Quality Meter	YSI	Gallons in Well	45.02
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	155
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	125
Water Column in Well	69.0	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	08:56	MS/MSD Sample Time	
Sample ID	~IW-03-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:55	1	5	20.6	6.96	1622	160	4.80	3	86.00	0.81	1.05

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-03A

Date	04/13/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	4	Depth to Water (ft bmp)	
Comments	Well is dry	Gallons in Well	
Did Well Dewater?	NA	Measured Well Depth (ft bmp)	102.42
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:36											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 13,2020 01:34:22 PM
Location:~MW-03A Latitude:34.910815 , Longitude:-117.154129

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-05

Date	04/13/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	0
Purge Volume Units	Ml	Depth to Water (ft bmp)	102.61
Water Quality Meter	YSI	Gallons in Well	0.91
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	104
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	
Water Column in Well	1.39	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	12:55	MS/MSD Sample Time	
Sample ID	~MW-05-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	10	Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:39	300	900	18.9	7.36	850	133.8	8.49	46	102.68	0.48	0.62
12:42	300	1800	19.6	7.33	853	136.3	6.01	18	102.68	0.47	0.62
12:45	300	2700	19.6	7.34	862	134.7	6.06	13	102.68	0.47	0.62
12:48	300	3600	20.1	7.38	869	132.4	5.85	11	102.68	0.47	0.62
12:51	300	4500	19.0	7.45	852	124.1	5.89	10	102.69	0.47	0.62
12:54	300	5400	19.2	7.48	849	120.3	5.90	10	102.68	0.47	0.62

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?			X	
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-09

Date	04/13/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	0
Purge Volume Units	Ml	Depth to Water (ft bmp)	102.16
Water Quality Meter	YSI	Gallons in Well	16.86
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	128
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	123
Water Column in Well	25.84	Total Volume to Remove	0.0
		EB Sample ID	EB-733-Q220
Did Well Dewater?	No	EB Time	14:35
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	14:23	MS/MSD Sample Time	
Sample ID	~MW-09-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:06	500	2000	21.2	8.08	741	128.2	6.27	29	102.19	0.41	0.55
14:10	500	4000	21.0	7.27	882	137.8	5.43	13	102.19	0.47	0.62
14:14	500	6000	20.8	7.19	891	135.0	5.52	6	102.19	0.48	0.63
14:18	500	8000	21.0	7.14	890	131.3	5.33	6	102.19	0.48	0.62
14:22	500	10000	21.1	7.17	888	130.9	5.30	6	102.19	0.47	0.62

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-101D

Date	04/14/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	95.31
Water Quality Meter	YSI	Gallons in Well	2.17
Casing Material	PVC	Measured Well Depth (ft bmp)	108.60
Casing Diameter (in)	2	Odor	none
Water Column in Well	13.29	Pump Intake Depth (ft bmp)	104
		Total Volume to Remove	2.17
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	12:05	MS/MSD Sample Time	
Sample ID	~MW-101D-Q220	Double Filter Turbidity	2
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	47	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:48	0.25	1	22.6	7.18	2272	52.5	3.48	97	95.79	1.17	1.47
11:52	0.25	2	22.7	7.18	2285	50.6	3.44	56	95.79	1.18	1.48
11:56	0.25	3	23.5	7.20	2289	49.1	3.39	49	95.79	1.18	1.48
12:00	0.25	4	23.6	7.20	2301	47.9	3.35	46	95.79	1.18	1.48
12:04	0.25	5	23.6	7.20	2294	46.5	3.30	47	95.79	1.18	1.48

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-102D

Date	04/15/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	99.11
Water Quality Meter	YSI	Gallons in Well	5.95
Casing Material	PVC	Measured Well Depth (ft bmp)	135.61
Casing Diameter (in)	2	Odor	none
Water Column in Well	36.50	Pump Intake Depth (ft bmp)	130
		Total Volume to Remove	5.95
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	09:27	MS/MSD Sample Time	
Sample ID	~MW-102D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:10	0.5	2	19.9	7.39	1022	92.1	4.26	8	99.72	0.51	0.66
09:14	0.5	4	21.1	7.39	1014	87.0	3.90	7	99.72	0.51	0.66
09:18	0.5	6	21.4	7.38	1023	86.2	3.83	7	99.72	0.51	0.66
09:22	0.5	8	21.5	7.38	1017	84.6	3.78	5	99.72	0.51	0.66
09:26	0.5	10	21.6	7.38	1027	83.1	3.74	5	99.72	0.51	0.66

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-102S

Date	04/15/2020	Sampler	Brian
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	94.34
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

MONITORING
WELL
102
S
Location name: '-MW-102S', Date: 2020:04:15 09:37:57, Azimuth: 210.9 SW, Latitude: 34.91852889875241, Longitude: -117.1496370950012

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-108D

Date	04/13/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	100.86
Water Quality Meter	YSI	Gallons in Well	2.69
Casing Material	PVC	Measured Well Depth (ft bmp)	117.36
Casing Diameter (in)	2	Odor	none
Water Column in Well	16.50	Pump Intake Depth (ft bmp)	113
		Total Volume to Remove	2.69
Comments	Rf2	EB Sample ID	EB-732-Q220
Did Well Dewater?	No	EB Time	15:05
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	14:49	MS/MSD Sample Time	
Sample ID	~MW-108D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:32	0.25	1	21.9	7.52	650	51.7	3.68	18	101.14	0.32	0.42
14:36	0.25	2	22.8	7.50	675	49.7	3.45	13	101.16	0.33	0.44
14:40	0.25	3	23.3	7.49	672	47.5	3.33	9	101.17	0.33	0.44
14:44	0.25	4	23.8	7.50	670	45.9	3.21	7	101.17	0.33	0.44
14:48	0.25	5	23.7	7.50	675	44.1	3.16	6	101.18	0.33	0.44

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-109

Date	04/13/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	96.90
Water Quality Meter	YSI	Gallons in Well	0.98
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	102.92
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	101
Water Column in Well	6.02	Total Volume to Remove	0.98
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	10:05	MS/MSD Sample Time	
Sample ID	~MW-109-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	15	Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:48	0.2	0.6	20.0	7.25	4185	-78.6	3.73	126	96.98	2.23	2.71
09:52	0.2	1.2	20.1	7.22	4173	-76.6	3.76	86	96.99	2.22	2.71
09:56	0.2	1.8	20.2	7.19	4130	-64.0	3.97	48	97.00	2.20	2.67
10:00	0.2	2.4	20.2	7.19	4115	-61.8	3.97	46	97.00	2.18	2.66
10:04	0.2	3.0	20.2	7.18	4112	-60.8	3.96	46	97.00	2.18	2.66

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-111D

Date	04/15/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	81.58
Water Quality Meter	YSI	Gallons in Well	12.62
Casing Material	PVC	Measured Well Depth (ft bmp)	158.97
Casing Diameter (in)	2	Odor	none
Water Column in Well	77.39	Pump Intake Depth (ft bmp)	154
		Total Volume to Remove	12.62
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	14:40	MS/MSD Sample Time	
Sample ID	~MW-111D-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:15	0.75	3	22.2	8.57	565	-31.7	1.62	9	93.96	0.27	0.36
14:19	0.5	5	23.3	8.58	567	-34.9	1.42	7	95.91	0.27	0.37
14:23	0.5	7	23.3	8.57	568	-35.3	1.33	7	99.81	0.27	0.36
14:27	0.5	9	24.0	8.57	566	-41.8	1.17	6	105.58	0.27	0.36
14:31	0.5	11	23.9	8.57	565	-43.2	1.19	7	109.26	0.27	0.36
14:35	0.25	12	23.8	8.57	568	-44.9	1.14	7	109.41	0.27	0.36
14:39	0.25	13	23.9	8.58	566	-46.1	1.11	7	109.44	0.27	0.36

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-111S1

Date	04/15/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	75.59
Water Quality Meter	YSI	Gallons in Well	3.50
Casing Material	PVC	Measured Well Depth (ft bmp)	97.05
Casing Diameter (in)	2	Odor	none
Water Column in Well	21.46	Pump Intake Depth (ft bmp)	93
		Total Volume to Remove	3.50
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	12:48	MS/MSD Sample Time	
Sample ID	~MW-111S1-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-927-Q220	Post Sampling Turbidity	
Dup Sample Time	12:58	Purge Date	04/15/2020
Single Filter Turbidity	1		
Without Filter Turbidity	3		

Field Parameters

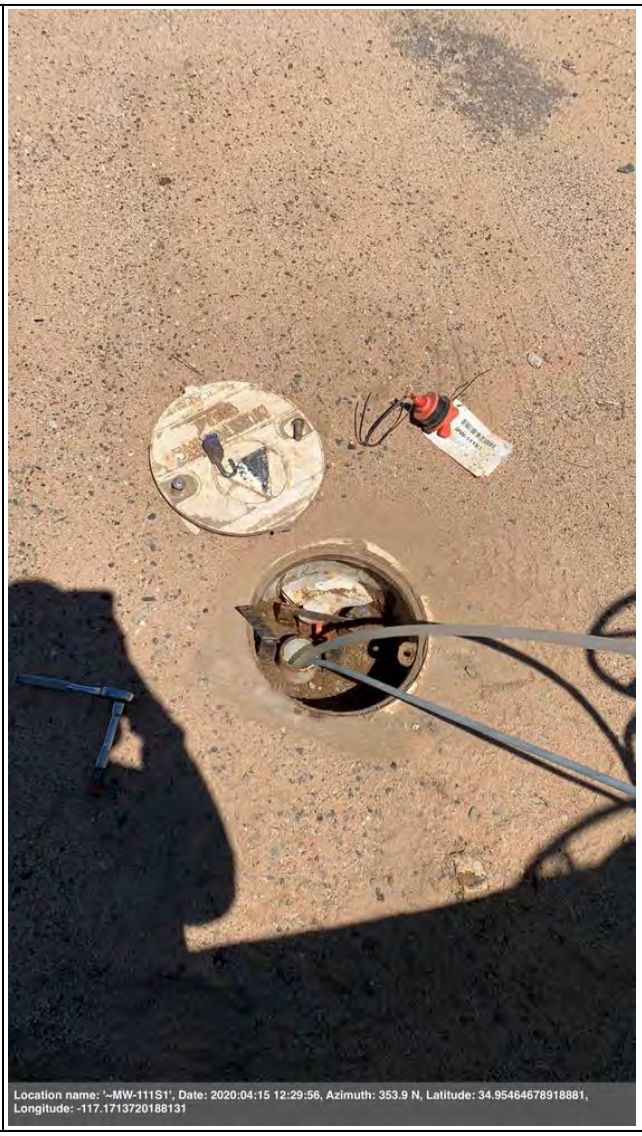
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:31	0.25	1	21.9	7.71	728	53.5	3.68	7	77.00	0.35	0.47
12:35	0.25	2	23.1	7.69	729	50.4	3.37	6	77.00	0.36	0.47
12:39	0.25	3	23.6	7.68	731	49.4	3.26	5	77.00	0.36	0.47
12:43	0.25	4	23.7	7.68	731	47.5	3.23	3	77.00	0.36	0.47
12:47	0.25	5	23.7	7.68	731	46.2	3.21	3	77.00	0.36	0.47

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-111S2

Date	04/15/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	75.40
Water Quality Meter	YSI	Gallons in Well	7.19
Casing Material	PVC	Measured Well Depth (ft bmp)	119.50
Casing Diameter (in)	2	Odor	none
Water Column in Well	44.10	Pump Intake Depth (ft bmp)	115
		Total Volume to Remove	7.19
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	13:27	MS/MSD Sample Time	
Sample ID	~MW-111S2-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-924-Q220	Post Sampling Turbidity	
Dup Sample Time	13:37	Purge Date	04/15/2020
Single Filter Turbidity	2		
Without Filter Turbidity	8		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:10	0.25	1	22.2	7.51	816	52.9	3.60	46	75.87	0.40	0.53
13:14	0.25	2	23.1	7.61	809	51.6	3.37	19	75.87	0.40	0.53
13:18	0.25	3	23.2	7.63	805	50.1	3.35	10	75.87	0.40	0.52
13:22	0.25	4	23.3	7.65	804	49.7	3.33	9	75.87	0.39	0.52
13:26	0.25	5	23.4	7.65	803	48.7	3.31	8	75.87	0.40	0.52

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-116D1

Date	04/13/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	89.97
Water Quality Meter	YSI	Gallons in Well	4.83
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	119.56
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	115
Water Column in Well	29.59	Total Volume to Remove	4.83
		EB Sample ID	EB-734-Q220
Did Well Dewater?	No	EB Time	14:45
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	14:21	MS/MSD Sample Time	
Sample ID	~MW-116D1-Q220	Double Filter Turbidity	4
Without Filter Turbidity	35	Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:04	0.25	1	22.2	7.17	1431	112.7	3.57	143	90.23	0.34	0.57
14:08	0.25	2	22.3	7.07	1479	111.4	3.25	61	90.23	0.34	0.57
14:12	0.25	3	22.5	7.01	1464	112.4	3.36	36	90.23	0.34	0.57
14:16	0.25	4	23.3	6.95	1453	110.2	3.46	35	90.23	0.34	0.57
14:20	0.25	5	23.5	6.95	1449	110.1	3.51	35	90.23	0.34	0.57

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-116S

Date	04/13/2020	Sampler	Josh
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	77.03
Water Column in Well	17.39	Gallons in Well	2.84
		Measured Well Depth (ft bmp)	94.42
Comments	DTW only	Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:56											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 13,2020 01:54:19 PM
Location:~MW-116S Latitude:34.923439 , Longitude:-117.144971

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-11B

Date	04/13/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	94.16
Water Quality Meter	YSI	Gallons in Well	23.69
Casing Material	PVC	Measured Well Depth (ft bmp)	130.47
Casing Diameter (in)	4	Odor	none
Water Column in Well	36.31	Pump Intake Depth (ft bmp)	125
		Total Volume to Remove	23.69
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	10:35	MS/MSD Sample Time	
Sample ID	~MW-11B-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-937-Q220	Post Sampling Turbidity	
Dup Sample Time	10:45	Purge Date	04/13/2020
Single Filter Turbidity	1		
Without Filter Turbidity	3		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:14	1	4	22.3	7.12	1321	51.8	3.56	3	96.73	0.66	0.86
10:18	1	8	22.5	7.15	1340	47.5	3.52	3	96.73	0.67	0.87
10:22	1	12	22.6	7.14	1351	43.6	3.50	3	96.73	0.68	0.87
10:26	1	16	22.2	7.08	1377	40.1	3.49	3	96.73	0.69	0.89
10:30	1	20	22.2	7.06	1390	38.4	3.49	3	96.74	0.70	0.90
10:34	1	24	22.2	7.05	1399	36.8	3.47	3	96.73	0.70	0.90

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-122D

Date	04/14/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	99.20
Water Quality Meter	YSI	Gallons in Well	2.94
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	117.21
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	115
Water Column in Well	18.01	Total Volume to Remove	2.94
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	13:44	MS/MSD Sample Time	
Sample ID	~MW-122D-Q220	Double Filter Turbidity	4
Without Filter Turbidity	29	Post Sampling Turbidity	
		Purge Date	04/14/2020

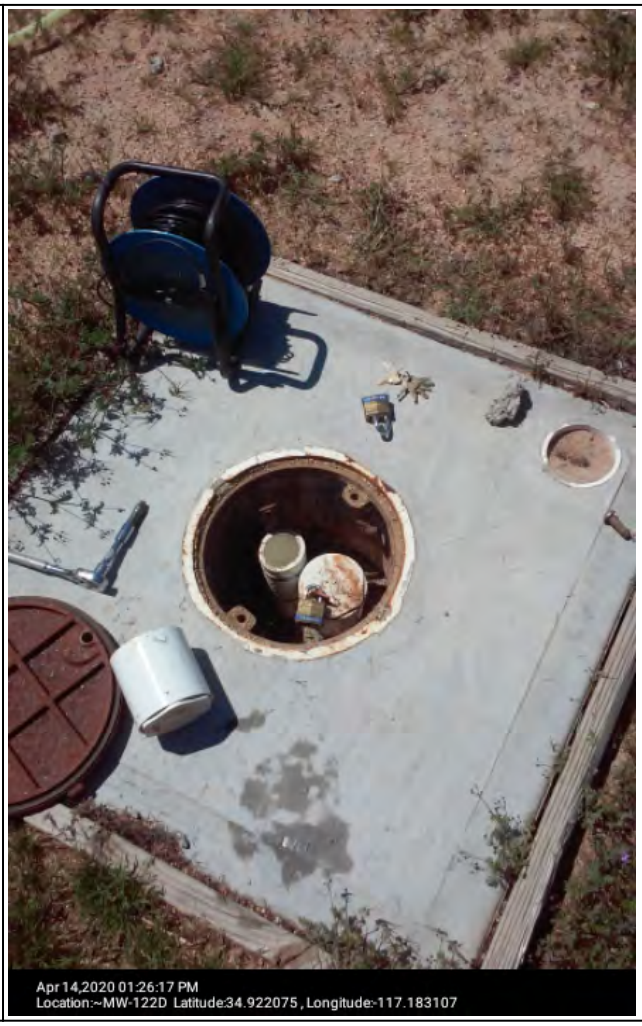
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:27	0.25	1	22.9	7.56	457	31.2	1.43	39	100.23	0.29	0.61
13:31	0.25	2	22.7	7.62	456	35.9	1.26	30	100.23	0.29	0.61
13:35	0.25	3	22.8	7.55	455	37.8	0.88	29	100.23	0.29	0.61
13:39	0.25	4	23.3	7.53	455	40.1	0.74	29	100.23	0.29	0.61
13:43	0.25	5	23.6	7.52	454	41.2	0.70	29	100.23	0.29	0.61

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-143D1

Date	04/13/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	0
Casing Diameter (in)	2	Depth to Water (ft bmp)	98.42
Comments	Dtw only	Gallons in Well	
Did Well Dewater?	NA	Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:24	0	0							98.42		

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

MONITORING
WELL
Apr 13,2020 02:23:30 PM
Location:~MW-143D1 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-143D2

Date	04/13/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	0
Casing Diameter (in)	2	Depth to Water (ft bmp)	98.44
Did Well Dewater?	NA	Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:26	0	0							98.44		

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

MONITORING
WELL
Apr 13,2020 02:23:50 PM
Location:~MW-143D2 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-143S

Date	04/13/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	0
Casing Diameter (in)	2	Depth to Water (ft bmp)	0
Water Column in Well	93.4	Gallons in Well	15.23
		Measured Well Depth (ft bmp)	93.40
Comments	Well is dry	Odor	
Did Well Dewater?	NA	Pump Intake Depth (ft bmp)	
		Total Volume to Remove	0.0
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:32	0	0							0		

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 13,2020 02:31:37 PM
Location:~MW-143S Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-144D1

Date	04/13/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	0
Casing Diameter (in)	2	Depth to Water (ft bmp)	90.22
Comments	Dtw only	Gallons in Well	
Did Well Dewater?	NA	Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:51	0	0							90.22		

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

MONITORING WELL
Apr 13,2020 02:48:20 PM
Location:~MW-144D1 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-144S

Date	04/13/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	0
Casing Diameter (in)	4	Depth to Water (ft bmp)	89.36
Comments	Dtw only	Gallons in Well	
Did Well Dewater?	NA	Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:49	0	0							89.36		

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 13,2020 02:48:41 PM
Location:~MW-144S Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-145D1

Date	04/13/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	0
Casing Diameter (in)	21	Depth to Water (ft bmp)	91.71
Comments	Dtw only	Gallons in Well	
Did Well Dewater?	NA	Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:34	0	0							91.71		

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 13,2020 03:33:16 PM
Location:~MW-145D1 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-145S

Date	04/13/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	0
Casing Diameter (in)	4	Depth to Water (ft bmp)	0
Water Column in Well	82.0	Gallons in Well	53.5
		Measured Well Depth (ft bmp)	82
Comments	Well is dry	Odor	
Did Well Dewater?	NA	Pump Intake Depth (ft bmp)	
		Total Volume to Remove	0.0
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:35	0	0							0		

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 13,2020 03:32:57 PM
Location:null Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-146D1

Date	04/13/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	0
Casing Diameter (in)	2	Depth to Water (ft bmp)	93.27
Comments	Dtw only	Gallons in Well	
Did Well Dewater?	NA	Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:12	0	0							93.27		

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 13,2020 03:09:27 PM
Location:~MW-146D1 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-146S

Date	04/13/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	0
Casing Diameter (in)	4	Depth to Water (ft bmp)	0
Water Column in Well	84.0	Gallons in Well	54.8
		Measured Well Depth (ft bmp)	84
Comments	Well is dry	Odor	
Did Well Dewater?	NA	Pump Intake Depth (ft bmp)	
		Total Volume to Remove	0.0
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:13	0	0							0		

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 13,2020 03:09:07 PM
Location:~MW-146S Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-147D

Date	04/14/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	82.36
Water Quality Meter	YSI	Gallons in Well	9.57
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	119.90
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	115
Water Column in Well	37.54	Total Volume to Remove	9.57
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	10:46	MS/MSD Sample Time	
Sample ID	~MW-147D-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:29	0.50	2	22.1	7.57	2525	-47.4	2.17	20	82.45	1.32	1.69
10:33	0.50	4	22.5	7.64	2734	-55.2	2.08	8	82.47	1.42	1.78
10:37	0.50	6	22.7	7.65	2768	-59.2	2.05	4	82.48	1.42	1.78
10:41	0.50	8	22.8	7.65	2772	-62.5	2.05	4	82.48	1.41	1.78
10:45	0.50	10	22.9	7.64	2780	-65.9	2.04	4	82.48	1.41	1.79

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?		X		
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-147S

Date	04/14/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Volume Units	Gal	Casing Volume to Remove	1
Water Quality Meter	YSI	Depth to Water (ft bmp)	81.50
Sampling Type	Low Flow – Grundfos RF2	Gallons in Well	11.74
Casing Material	PVC	Measured Well Depth (ft bmp)	99.50
Casing Diameter (in)	4	Odor	None
Water Column in Well	18.0	Pump Intake Depth (ft bmp)	95
		Total Volume to Remove	11.74
Did Well Dewater?	No	EB Sample ID	
Sample Date	04/14/2020	EB Time	
Sample Time	10:04	MS/MSD Sample ID	
Sample ID	~MW-147S-Q220	MS/MSD Sample Time	
Single Filter Turbidity	2	Double Filter Turbidity	
Without Filter Turbidity	10	Post Sampling Turbidity	
		Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:43	0.50	2	21.5	7.36	4313	-44.9	1.12	25	81.58	2.29	2.79
09:47	0.50	4	22.0	7.34	4284	-46.1	1.08	15	81.60	2.28	2.78
09:51	0.50	6	22.2	7.29	4178	-49.5	1.05	10	81.61	2.22	2.71
09:55	0.50	8	22.5	7.29	4095	-51.5	1.03	10	81.61	2.21	2.65
09:59	0.50	10	22.7	7.29	4085	-52.6	1.02	10	81.61	2.21	2.65
10:03	0.50	12	22.7	7.28	4080	-56.9	1.02	10	81.61	2.21	2.65

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-14S

Date	04/17/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	96.47
Water Column in Well	-0.06	Gallons in Well	-0.01
		Measured Well Depth (ft bmp)	96.41
Comments	Well is dry!	Odor	
Did Well Dewater?	NA	Pump Intake Depth (ft bmp)	
Sample Date	04/17/2020	Total Volume to Remove	
Sample Time	11:28	EB Sample ID	
Sample ID	~MW-14S-Q220	EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:27											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-151D1

Date	04/15/2020	Sampler	Brian
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	88.60
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: '-MW-151D1', Date: 2020:04:15 08:21:26, Azimuth: 256.1 W, Latitude: 34.9220887737181 8,
Longitude: -117.1345300276355

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-151S

Date	04/15/2020	Sampler	Brian
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	4	Depth to Water (ft bmp)	61.81
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

MONITORING
Location name: '-MW-151S', Date: 2020:04:15 08:22:49, Azimuth: 280.5 W, Latitude: 34.92212790608227, Longitude: -117.134535091159

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-155D

Date	04/15/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	107.30
Water Quality Meter	YSI	Gallons in Well	11.24
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	151.41
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	146
Water Column in Well	44.11	Total Volume to Remove	11.24
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	11:10	MS/MSD Sample Time	
Sample ID	~MW-155D-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:49	0.50	2	21.8	7.58	2669	-73.7	2.31	18	107.37	1.41	1.76
10:53	0.50	4	22.5	7.40	2845	-76.0	2.26	16	107.40	1.48	1.84
10:57	0.50	6	22.7	7.40	2834	-75.7	2.25	10	107.41	1.47	1.83
11:01	0.50	8	22.8	7.40	2829	-78.2	2.22	9	107.41	1.47	1.83
11:05	0.50	10	22.8	7.39	2834	-80.1	2.20	9	107.41	1.46	1.83
11:09	0.50	12	22.9	7.39	2837	-81.2	2.19	9	107.41	1.46	1.82

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number: RC000699.0801

~MW-155S

Date	04/15/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	112.83
Water Quality Meter	YSI	Gallons in Well	10.69
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	129.21
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	125
Water Column in Well	16.38	Total Volume to Remove	10.69
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	11:58	MS/MSD Sample Time	
Sample ID	~MW-155S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:41	1	4	20.8	7.41	4021	-56.1	0.87	8	112.90	2.16	2.65
11:45	0.50	6	21.3	7.41	3953	-60.2	0.85	7	112.92	2.12	2.56
11:49	0.50	8	21.8	7.44	3735	-65.0	0.82	7	112.93	2.11	2.55
11:53	0.50	10	22.0	7.44	3765	-67.0	0.82	7	112.93	2.11	2.55
11:57	0.50	12	22.1	7.43	3733	-69.0	0.81	7	112.93	2.11	2.55

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-16

Date	04/17/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	97.82
Water Quality Meter	YSI	Gallons in Well	13.3
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	118.2
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	117
Water Column in Well	20.38	Total Volume to Remove	13.3
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	10:30	MS/MSD Sample Time	
Sample ID	~MW-16-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:05	0.5	2	18.7	7.05	1497	15.2	1.39	3	98.26	0.38	0.55
10:09	0.5	4	19.7	6.98	1529	10.1	1.13	3	98.26	0.38	0.55
10:13	0.5	6	20.1	6.95	1831	8.9	1.10	3	98.26	0.38	0.55
10:17	0.5	8	21.1	6.95	1831	8.5	0.98	3	98.26	0.38	0.55
10:21	0.5	10	21.8	6.95	1765	5.9	0.95	3	98.26	0.38	0.55
10:25	0.5	12	22.3	6.98	1723	6.1	0.94	3	98.26	0.38	0.55
10:29	0.5	14	22.5	6.96	1720	6.3	0.93	3	98.26	0.38	0.55

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-161S1

Date	04/14/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	71.80
Water Quality Meter	YSI	Gallons in Well	8.87
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	85.40
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	80
Water Column in Well	13.6	Total Volume to Remove	8.87
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	14:13	MS/MSD Sample Time	
Sample ID	~MW-161S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	2	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:57	0.5	1.5	22.0	7.98	415	129.0	3.26	2	72.15	0.22	0.28
14:00	0.5	3	23.1	7.62	408	145.1	3.16	2	72.15	0.21	0.28
14:03	0.5	4.5	23.3	7.64	413	143.9	3.10	2	72.15	0.20	0.27
14:06	0.5	6	23.3	7.65	414	143.2	3.14	2	72.15	0.20	0.28
14:09	0.5	7.5	23.4	7.68	414	139.5	3.13	2	72.18	0.20	0.28
14:12	0.5	9	23.4	7.68	415	139.0	3.08	2	72.20	0.20	0.28

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-162S1

Date	04/14/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	71.13
Water Quality Meter	YSI	Gallons in Well	8.81
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	84.63
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	79
Water Column in Well	13.5	Total Volume to Remove	8.81
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	13:31	MS/MSD Sample Time	
Sample ID	~MW-162S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	11	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:10	0.5	2	22.5	8.38	657	89.1	0.88	90	72.33	0.34	0.45
13:14	0.5	4	23.9	8.46	638	96.5	0.75	36	72.35	0.32	0.42
13:22	0.5	6	23.9	8.52	620	96.9	1.21	12	73.35	0.30	0.41
13:26	0.5	8	24.2	8.51	607	100.1	1.33	11	73.35	0.30	0.40
13:30	0.5	10	24.4	8.49	611	101.2	1.36	11	73.36	0.30	0.40

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number: RC000699.0801

~MW-168S

Date	04/14/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	88.20
Water Quality Meter	YSI	Gallons in Well	13.44
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	108.80
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	104
Water Column in Well	20.6	Total Volume to Remove	13.44
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	12:59	MS/MSD Sample Time	
Sample ID	~MW-168S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:42	1	4	22.7	7.08	4854	-77.0	1.87	8	88.27	2.6	3.14
12:46	1	8	23.0	7.02	4860	-83.5	1.82	3	88.29	2.55	3.10
12:50	1	12	23.1	7.00	4873	-87.2	1.75	3	88.30	2.54	3.10
12:54	1	16	23.2	6.99	4890	-90.3	1.73	3	88.31	2.52	3.09
12:58	1	20	23.3	6.99	4895	-92.5	1.72	3	88.32	2.51	3.09

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-169S2

Date	04/14/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	88.13
Water Quality Meter	YSI	Gallons in Well	7.77
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	118.60
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	114
Water Column in Well	30.47	Total Volume to Remove	7.77
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	14:46	MS/MSD Sample Time	
Sample ID	~MW-169S2-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:29	0.50	2	22.7	7.34	3700	-77.7	1.23	7	88.22	1.95	2.39
13:33	0.50	4	23.0	7.21	3713	-85.2	1.17	5	88.24	1.91	2.40
13:37	0.50	6	23.1	7.20	3718	-89.4	1.15	4	88.25	1.91	2.40
13:41	0.50	8	23.3	7.20	3720	-92.1	1.12	4	88.25	1.91	2.39
13:45	0.50	10	23.5	7.19	3728	-95.4	1.12	4	88.25	1.90	2.39

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-17

Date	04/17/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Grey
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	86.81
Water Quality Meter	YSI	Gallons in Well	8.61
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	100
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	95
Water Column in Well	13.19	Total Volume to Remove	8.61
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	08:40	MS/MSD Sample Time	
Sample ID	~MW-17-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:24	0.5	1.5	21.4	6.98	1764	113.9	3.00	8	88.22	0.96	1.22
08:27	0.5	3	21.6	7.00	1795	111.2	2.86	7	88.23	0.98	1.24
08:30	0.5	4.5	22.0	6.97	1817	110.4	2.70	4	88.23	0.98	1.25
08:33	0.5	6	22.6	6.99	1839	109.7	2.68	4	88.23	0.98	1.25
08:36	0.5	7.5	23.0	6.99	1851	109.7	2.62	4	88.25	0.98	1.25
08:39	0.5	9	23.2	6.99	1853	110.4	2.86	4	88.25	0.98	1.25

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~MW-170S

Date	04/16/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	83.73
Water Quality Meter	YSI	Gallons in Well	5.42
Casing Material	PVC	Measured Well Depth (ft bmp)	92.03
Casing Diameter (in)	4	Odor	none
Water Column in Well	8.30	Pump Intake Depth (ft bmp)	88
		Total Volume to Remove	5.42
Comments	Rf2	EB Sample ID	EB-745-Q220
Did Well Dewater?	No	EB Time	16:15
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	15:49	MS/MSD Sample Time	
Sample ID	~MW-170S-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-908-Q220	Post Sampling Turbidity	
Dup Sample Time	15:59	Purge Date	04/16/2020
Single Filter Turbidity	1		
Without Filter Turbidity	7		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:28	0.5	2	20.9	6.69	4889	72.9	3.90	133	84.86	2.63	3.18
15:32	0.5	4	21.0	6.69	4931	70.2	3.87	64	84.90	2.66	3.21
15:36	0.5	6	21.1	6.69	4955	69.4	3.85	27	84.89	2.66	3.21
15:40	0.5	8	22.0	6.70	5083	66.4	3.80	10	84.91	2.71	3.27
15:44	0.5	10	22.2	6.70	5059	63.5	3.74	8	84.91	2.73	3.29
15:48	0.5	12	22.3	6.70	5106	62.8	3.71	7	84.91	2.74	3.31

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-175S1

Date	04/15/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	70.42
Water Quality Meter	YSI	Gallons in Well	11.09
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	87.42
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	82
Water Column in Well	17.0	Total Volume to Remove	11.09
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	10:50	MS/MSD Sample Time	
Sample ID	~MW-175S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:29	0.5	2	21.3	7.20	739	113.7	4.62	275	71.42	0.39	0.51
10:32	0.5	4	22.3	7.16	755	114.2	3.99	67	71.42	0.39	0.52
10:36	0.5	6	22.6	7.27	753	106.2	3.85	21	71.42	0.39	0.51
10:40	0.5	8	22.8	7.35	758	101.3	3.85	6	71.42	0.39	0.51
10:44	0.5	10	22.8	7.37	761	102.0	3.86	6	71.42	0.39	0.51
10:48	0.5	12	22.8	7.37	761	102.3	3.89	6	71.42	0.39	0.51

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-176S

Date	04/17/2020	Sampler	
Comments	DTW ONLY	Color	
Did Well Dewater?	NA	Casing Volume to Remove	
		Depth to Water (ft bmp)	87.48
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:52											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	
Remarks				

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-177D

Date	04/15/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	95.51
Water Quality Meter	YSI	Gallons in Well	5.26
Casing Material	PVC	Measured Well Depth (ft bmp)	127.78
Casing Diameter (in)	2	Odor	none
Water Column in Well	32.27	Pump Intake Depth (ft bmp)	122
		Total Volume to Remove	5.26
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	11:21	MS/MSD Sample Time	
Sample ID	~MW-177D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:04	0.5	2	21.9	7.58	473	27.8	2.73	7	96.37	0.23	0.30
11:08	0.5	4	22.8	7.58	476	26.2	2.45	7	96.40	0.23	0.31
11:12	0.5	6	23.1	7.58	478	25.5	2.38	6	96.41	0.23	0.31
11:16	0.5	8	23.4	7.58	480	24.8	2.30	5	96.40	0.23	0.31
11:20	0.5	10	23.5	7.58	481	24.0	2.27	5	96.42	0.23	0.31

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-177S

Date	04/15/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	95.58
Water Quality Meter	YSI	Gallons in Well	4.69
Casing Material	PVC	Measured Well Depth (ft bmp)	102.77
Casing Diameter (in)	4	Odor	none
Water Column in Well	7.19	Pump Intake Depth (ft bmp)	101
		Total Volume to Remove	4.69
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	10:37	MS/MSD Sample Time	
Sample ID	~MW-177S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:20	0.25	1	20.5	7.44	507	83.2	4.10	5	95.79	0.24	0.32
10:24	0.25	2	20.6	7.40	507	81.9	4.05	5	95.79	0.24	0.32
10:28	0.25	3	21.0	7.41	505	80.2	3.93	4	95.79	0.24	0.32
10:32	0.25	4	21.2	7.41	505	79.5	3.87	4	95.79	0.24	0.32
10:36	0.25	5	21.4	7.41	504	77.9	3.84	3	95.79	0.24	0.32

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-180RD

Date	04/17/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	92.28
Water Quality Meter	YSI	Gallons in Well	4.77
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	121.50
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	118
Water Column in Well	29.22	Total Volume to Remove	4.77
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	08:49	MS/MSD Sample Time	
Sample ID	~MW-180RD-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	12	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:32	0.25	1	20.4	6.54	1439	25.3	1.18	67	93.69	0.39	0.61
08:36	0.25	2	21.3	6.77	1420	29.1	0.53	14	93.69	0.39	0.61
08:40	0.25	3	22.0	6.80	1426	30.2	0.52	12	93.69	0.39	0.61
08:44	0.25	4	22.5	6.81	1430	31.2	0.51	12	93.69	0.39	0.61
08:48		5	22.9	6.82	1431	31.3	0.50	12	93.69	0.39	0.61

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-180RS

Date	04/17/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	93.01
Water Quality Meter	YSI	Gallons in Well	5.28
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	101.10
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	98
Water Column in Well	8.09	Total Volume to Remove	5.28
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	09:37	MS/MSD Sample Time	
Sample ID	~MW-180RS-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:16	0.25	1	20.3	6.88	1647	32.1	8.44	5	93.95	0.37	0.58
09:20	0.25	2	20.6	6.86	1688	35.6	8.38	5	93.95	0.38	0.58
09:24	0.25	3	20.8	6.86	1675	37.8	8.32	5	93.95	0.37	0.58
09:28	0.25	4	21.2	6.85	1679	36.8	8.16	5	93.95	0.37	0.58
09:32	0.25	5	22.0	6.85	1673	37.1	8.03	5	93.95	0.37	0.58
09:36	0.25	6	22.8	6.87	1670	36.8	7.98	5	93.95	0.37	0.58

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?		X		
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?	X			
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-185S1

Date	04/14/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	3
Purge Volume Units	Gal	Depth to Water (ft bmp)	72.00
Water Quality Meter	YSI	Gallons in Well	14.18
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	93.74
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	90
Water Column in Well	21.74	Total Volume to Remove	42.54
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	11:20	MS/MSD Sample Time	
Sample ID	~MW-185S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:51	1.5	6	21.5	7.62	516	127.2	5.59	11	74.56	0.29	0.51
10:55	1.5	12	21.9	7.60	515	138.7	5.25	10	75.86	0.29	0.51
10:59	1.5	18	22.3	7.59	513	142.6	5.20	10	76.29	0.29	0.51
11:03	1.5	24	23.1	7.59	513	153.6	5.24	6	76.29	0.29	0.51
11:07	1.5	30	23.2	7.61	513	154.6	5.29	6	76.29	0.29	0.51
11:11	1.5	36	23.2	7.65	511	154.8	5.33	6	76.29	0.29	0.51
11:15	1.5	42	23.3	7.66	511	157.2	5.37	6	76.29	0.29	0.51
11:19	1.5	48	23.3	7.66	510	157.1	5.38	6	76.29	0.29	0.51

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-186S2

Date	04/14/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	93.10
Water Quality Meter	YSI	Gallons in Well	3.99
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	117.56
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	115
Water Column in Well	24.46	Total Volume to Remove	3.99
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	09:56	MS/MSD Sample Time	
Sample ID	~MW-186S2-Q220	Double Filter Turbidity	4
Without Filter Turbidity	20	Post Sampling Turbidity	
		Purge Date	04/14/2020

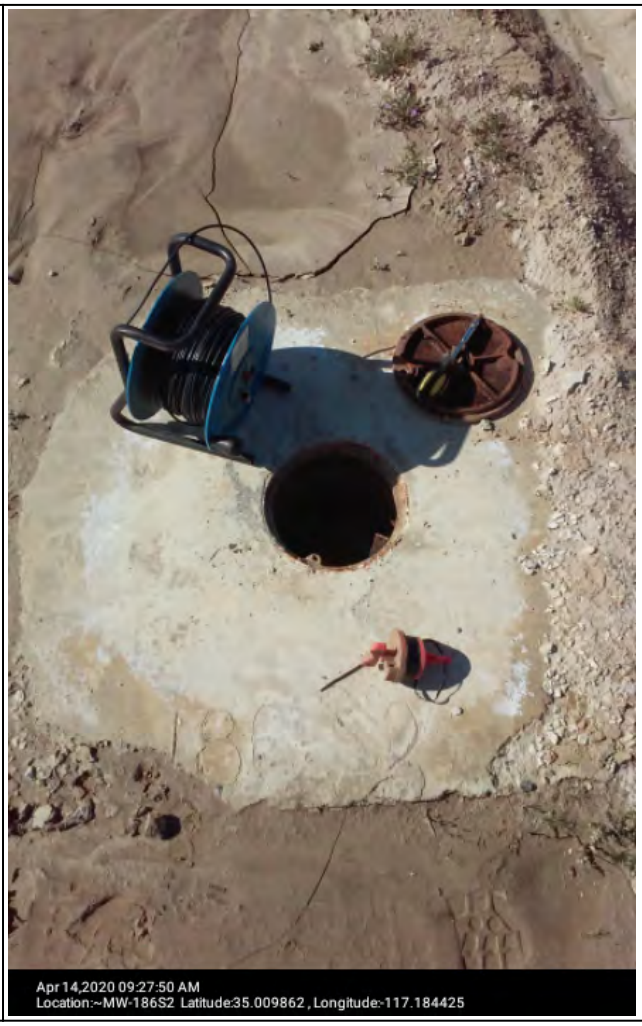
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:39	0.25	1	19.3	7.62	497	135.2	9.48	25	95.03	0.32	0.51
09:43	0.25	2	20.5	7.78	495	129.8	9.01	21	95.03	0.32	0.51
09:47	0.25	3	22.4	7.75	496	134.8	8.28	20	95.03	0.32	0.51
09:51	0.25	4	22.8	7.74	497	135.2	8.25	20	95.03	0.32	0.51
09:55	0.25	5	23.1	7.78	497	135.9	8.21	20	95.03	0.32	0.51

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-187D1

Date	04/17/2020	Sampler	
Comments	DTW ONLY	Color	
Did Well Dewater?	NA	Casing Volume to Remove	
		Depth to Water (ft bmp)	88.65
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:53											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	
Remarks				

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-187S1

Date	04/17/2020	Sampler	
Comments	DTW ONLY	Color	
Did Well Dewater?	No	Casing Volume to Remove	
Sample Date	04/17/2020	Depth to Water (ft bmp)	73.75
Sample ID	~MW-187S1-Q220	Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:54											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	
Remarks				

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-188S1

Date	04/14/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	3
Purge Volume Units	Gal	Depth to Water (ft bmp)	68.43
Water Quality Meter	YSI	Gallons in Well	11.23
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	85.65
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	80
Water Column in Well	17.22	Total Volume to Remove	33.69
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	09:33	MS/MSD Sample Time	
Sample ID	~MW-188S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:33	1	4	22.7	8.22	560	75.1	1.78	90	73.29	0.28	0.37
08:37	1	8	22.8	8.18	551	77.5	1.89	28	75.51	0.28	0.37
08:41	1	12	22.9	8.14	562	82.5	2.20	28	76.43	0.27	0.38
08:45	1	16	22.8	8.13	554	89.2	2.30	16	79.32	0.28	0.38
08:49	0.5	18	22.7	8.15	559	90.2	1.90	13	79.63	0.28	0.38
08:53	0.5	20	22.9	8.12	558	93.5	1.77	11	80.02	0.28	0.39
08:57	0.5	22	23.1	8.16	569	95.0	1.60	10	80.15	0.28	0.38
09:01	0.25	23	23.5	8.16	570	96.4	1.54	9	80.04	0.28	0.38
09:09	0.25	25	23.6	8.17	574	96.8	1.48	9	79.96	0.28	0.38
09:17	0.25	27	24.0	8.18	576	97.1	1.40	7	79.76	0.28	0.38
09:21	0.5	31	24.3	8.18	582	97.5	1.29	7	81.12	0.28	0.38
09:31	0.25	33.5	25.1	8.19	590	98.5	1.27	7	80.88	0.28	0.38

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-190D1

Date	04/17/2020	Sampler	
Did Well Dewater?	NA	Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	90.10
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:45											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	
Remarks				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-190S1

Date	04/17/2020	Sampler	
Weather Conditions	Cloudy	Color	
Comments	DTW ONLY	Casing Volume to Remove	
Did Well Dewater?	NA	Depth to Water (ft bmp)	66.45
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:48											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	
Remarks				

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-193S3

Date	04/14/2020	Sampler	Josh
Purge Method	Low Flow	Color	Clear
Purge Volume Units	Gal	Casing Volume to Remove	1
Water Quality Meter	YSI	Depth to Water (ft bmp)	73.64
Sampling Type	Low Flow – Grundfos RF2	Gallons in Well	11.68
Casing Material	PVC	Measured Well Depth (ft bmp)	145.23
Casing Diameter (in)	2	Odor	None
Water Column in Well	71.59	Pump Intake Depth (ft bmp)	143
		Total Volume to Remove	11.68
Did Well Dewater?	Yes	EB Sample ID	
Sample Date	04/14/2020	EB Time	
Sample Time	08:49	MS/MSD Sample ID	
Sample ID	~MW-193S3-Q220	MS/MSD Sample Time	
Single Filter Turbidity	3	Double Filter Turbidity	
Without Filter Turbidity	19	Post Sampling Turbidity	
		Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:28	0.5	2	20.3	8.29	367	13.2	1.14	89	79.53	0.30	0.59
08:32	0.5	4	21.0	8.12	902	15.6	0.68	44	85.63	0.30	0.59
08:36	0.5	6	21.6	8.09	895	15.2	0.35	32	91.26	0.31	0.58
08:40	0.5	8	22.7	8.08	705	16.2	0.26	20	97.21	0.31	0.58
08:44	0.5	10	23.2	8.01	715	17.3	0.34	19	103.21	0.31	0.58
08:48	0.5	12	23.5	8.00	723	17.5	0.37	19	110.14	0.31	0.58

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-195S1

Date	04/14/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	3
Purge Volume Units	Gal	Depth to Water (ft bmp)	76.79
Water Quality Meter	YSI	Gallons in Well	13.52
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	97.52
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	94
Water Column in Well	20.73	Total Volume to Remove	40.56
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	10:48	MS/MSD Sample Time	
Sample ID	~MW-195S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	13	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:40	1	5	22.4	7.70	408	76.6	1.82	77	80.74	0.20	0.28
09:45	1	10	23.0	7.88	346	78.0	2.93	60	83.33	0.17	0.23
09:50	0.5	12.5	22.9	8.16	313	88.6	3.22	54	83.15	0.16	0.21
09:55	0.5	15	23.9	8.19	312	91.1	3.22	42	83.13	0.15	0.21
10:00	0.5	17.5	24.1	8.19	314	94.3	3.25	38	83.11	0.15	0.21
10:05	0.5	20	24.1	8.12	310	96.1	3.36	34	83.20	0.15	0.21
10:15	0.5	25	24.4	8.02	329	102.6	3.06	21	84.45	0.16	0.22
10:25	0.5	30	24.9	8.17	368	102.1	2.85	14	85.21	0.18	0.24
10:35	0.5	35	25.0	8.22	376	106.4	2.75	13	85.45	0.19	0.26
10:46	0.5	40.5	25.4	8.25	378	102.9	2.67	13	85.86	0.20	0.28

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-196S1

Date	04/14/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	71.45
Water Quality Meter	YSI	Gallons in Well	21.05
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	103.72
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	98
Water Column in Well	32.27	Total Volume to Remove	21.05
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	12:36	MS/MSD Sample Time	
Sample ID	~MW-196S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:17	1	3	21.3	7.87	504	168.1	4.56	21	72.23	0.26	0.35
12:20	1	6	22.3	7.69	520	178.8	4.43	14	72.46	0.26	0.34
12:23	1	9	22.6	7.78	523	176.9	4.26	12	72.61	0.27	0.35
12:26	1	12	22.6	7.76	509	172.3	4.18	11	72.65	0.26	0.36
12:29	1	15	22.6	7.82	505	168.7	4.17	8	72.65	0.25	0.34
12:32	1	18	22.6	7.82	508	167.8	4.17	8	72.65	0.26	0.33
12:35	1	21	22.6	7.79	501	166.8	4.13	8	72.65	0.25	0.34

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-197S1

Date	04/14/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	53.62
Water Quality Meter	YSI	Gallons in Well	9.24
Casing Material	PVC	Measured Well Depth (ft bmp)	67.78
Casing Diameter (in)	4	Odor	none
Water Column in Well	14.16	Pump Intake Depth (ft bmp)	63
		Total Volume to Remove	9.24
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	10:54	MS/MSD Sample Time	
Sample ID	~MW-197S1-Q220	Double Filter Turbidity	5
Single Filter Turbidity	6	Post Sampling Turbidity	
Without Filter Turbidity	44	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:33	0.5	2	20.0	8.37	1424	-27.9	1.22	258	54.18	0.72	0.92
10:37	0.5	4	20.9	8.38	1490	-30.0	1.16	84	54.18	0.75	0.96
10:41	0.5	6	21.1	8.38	1522	-31.8	1.13	56	54.18	0.77	0.99
10:45	0.5	8	21.2	8.38	1542	-31.6	1.10	47	54.18	0.78	1.00
10:49	0.5	10	21.7	8.38	1546	-32.4	1.08	45	54.18	0.79	1.01
10:53	0.5	12	21.6	8.38	1553	-33.2	1.07	44	54.18	0.79	1.01

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-199D1

Date	04/17/2020	Sampler	
Weather Conditions	Cloudy	Color	
Comments	DTW ONLY	Casing Volume to Remove	
Did Well Dewater?	No	Depth to Water (ft bmp)	90.12
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:51											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	
Remarks				

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

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ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

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~MW-199S1

Date	04/17/2020	Sampler	
Weather Conditions	Cloudy	Color	
Comments	DTW ONLY	Casing Volume to Remove	
Did Well Dewater?	NA	Depth to Water (ft bmp)	71.02
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:50											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	
Remarks				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-200S3

Date	04/15/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	65.35
Water Quality Meter	YSI	Gallons in Well	20.71
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	146.62
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	141
Water Column in Well	81.27	Total Volume to Remove	20.71
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	10:03	MS/MSD Sample Time	
Sample ID	~MW-200S3-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:43	1	3	21.5	9.20	420	80.0	0.98	16	71.41	0.22	0.29
09:46	1	6	22.1	9.21	423	64.5	0.68	13	72.28	0.21	0.29
09:49	1	9	22.4	9.19	423	67.7	0.41	9	73.15	0.21	0.29
09:52	1	12	22.7	9.15	421	73.3	0.37	8	76.09	0.21	0.29
09:55	1	15	22.6	9.15	426	76.1	0.44	7	76.86	0.21	0.29
09:58	1	18	22.6	9.22	424	84.2	0.44	7	78.21	0.21	0.29
10:01	1	21	22.7	9.25	425	85.9	0.44	7	79.15	0.21	0.29

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

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RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-202S

Date	04/14/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	89.38
Water Quality Meter	YSI	Gallons in Well	10.02
Casing Material	PVC	Measured Well Depth (ft bmp)	104.74
Casing Diameter (in)	4	Odor	none
Water Column in Well	15.36	Pump Intake Depth (ft bmp)	100
		Total Volume to Remove	10.02
Comments	Rf2	EB Sample ID	EB-737-Q220
Did Well Dewater?	No	EB Time	15:45
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	15:30	MS/MSD Sample Time	
Sample ID	~MW-202S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:09	0.5	2	22.5	7.72	547	72.1	2.52	7	92.07	0.26	0.35
15:13	0.5	4	23.3	7.68	534	70.4	2.35	5	92.15	0.26	0.34
15:17	0.5	6	24.0	7.62	526	68.0	2.17	4	92.20	0.24	0.31
15:21	0.5	8	24.0	7.60	517	66.5	2.09	4	92.24	0.23	0.31
15:25	0.5	10	24.1	7.57	511	64.9	2.02	4	92.27	0.24	0.31
15:29	0.5	12	24.1	7.55	508	63.2	1.97	4	92.30	0.23	0.31

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-203D

Date	04/15/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	68.00
Water Quality Meter	YSI	Gallons in Well	12.74
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	117.98
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	114
Water Column in Well	49.98	Total Volume to Remove	12.74
		EB Sample ID	
Did Well Dewater?	Yes	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	15:00	MS/MSD Sample Time	
Sample ID	~MW-203D-Q220	Double Filter Turbidity	1
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:59	0.50	2	21.2	8.12	3554	-158.2	2.41	12	72.40	1.88	2.31
09:03	0.50	4	22.7	8.14	3508	-152.1	2.35	10	78.50	1.83	2.25
09:07	0.50	6	23.1	8.07	3338	-168.1	2.22	10	83.90	1.75	2.16
09:11	0.50	8	23.5	8.05	3220	-171.2	2.18	9	90.10	1.68	2.08
09:15	0.50	10	23.6	8.04	3195	-172.6	2.14	9	106.2	1.68	2.04
09:19	0.50	12	23.7	8.02	3165	-164.3	2.12	9	113.99	1.65	2.06
14:52	0	12	21.2	7.98	3280	-156.2	2.31	7	72.38	1.65	2.26

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-206S

Date	04/16/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	79.80
Water Quality Meter	YSI	Gallons in Well	6.72
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	90.10
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	85
Water Column in Well	10.3	Total Volume to Remove	6.72
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	09:29	MS/MSD Sample Time	
Sample ID	~MW-206S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:12	0.50	2	22.2	6.67	16747	-56.4	2.67	8	79.85	9.84	10.86
09:16	0.50	4	23.1	6.69	15369	-59.7	2.56	5	79.86	9.18	10.19
09:20	0.50	6	23.2	6.68	15267	-62.8	2.52	5	79.87	9.16	10.18
09:24	0.50	8	23.2	6.68	15232	-65.9	2.51	5	79.87	9.16	10.18
09:28	0.50	10	2.32	6.67	15212	-67.2	2.51	5	79.87	9.15	10.18

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-207S1

Date	04/14/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	60.69
Water Quality Meter	YSI	Gallons in Well	12.54
Casing Material	PVC	Measured Well Depth (ft bmp)	79.91
Casing Diameter (in)	4	Odor	none
Water Column in Well	19.22	Pump Intake Depth (ft bmp)	75
		Total Volume to Remove	12.54
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	09:15	MS/MSD Sample Time	
Sample ID	~MW-207S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:54	0.75	3	20.8	8.21	581	52.6	3.99	8	62.71	0.28	0.37
08:58	0.75	6	21.3	8.19	582	49.5	3.87	7	62.95	0.28	0.37
09:02	0.75	9	21.5	8.17	584	47.6	3.74	6	63.11	0.28	0.37
09:06	0.5	11	21.8	8.18	584	46.5	3.71	6	63.14	0.28	0.37
09:10	0.5	13	21.9	8.17	585	45.8	3.68	5	63.15	0.28	0.37
09:14	0.5	15	21.9	8.17	586	44.9	3.66	5	63.15	0.28	0.37

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-207S2

Date	04/14/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	61.06
Water Quality Meter	YSI	Gallons in Well	7.93
Casing Material	PVC	Measured Well Depth (ft bmp)	109.68
Casing Diameter (in)	2	Odor	none
Water Column in Well	48.62	Pump Intake Depth (ft bmp)	104
		Total Volume to Remove	7.93
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	09:45	MS/MSD Sample Time	
Sample ID	~MW-207S2-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:28	0.5	2	21.3	8.76	496	36.5	2.87	15	62.84	0.24	0.32
09:32	0.5	4	21.6	8.74	501	35.2	2.82	11	62.89	0.24	0.32
09:36	0.5	6	21.8	8.72	503	33.9	2.79	9	62.92	0.24	0.32
09:40	0.5	8	21.7	8.73	505	32.7	2.74	7	62.96	0.24	0.32
09:44	0.5	10	21.7	8.73	506	32.0	2.71	6	62.98	0.24	0.32

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley
Hinkley, CA

Project Number:
RC000699.0801

~MW-209S

Date	04/17/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	95.80
Water Quality Meter	YSI	Gallons in Well	8.32
Casing Material	PVC	Measured Well Depth (ft bmp)	108.55
Casing Diameter (in)	4	Odor	none
Water Column in Well	12.75	Pump Intake Depth (ft bmp)	103
		Total Volume to Remove	8.32
Did Well Dewater?	No	EB Sample ID	
Sample Date	04/17/2020	EB Time	
Sample Time	10:10	MS/MSD Sample ID	
Sample ID	~MW-209S-Q220	MS/MSD Sample Time	
Duplicate Sample ID	MW-909-Q220	Double Filter Turbidity	
Dup Sample Time	10:20	Post Sampling Turbidity	
Single Filter Turbidity	1	Purge Date	04/17/2020
Without Filter Turbidity	3		

Field Parameters

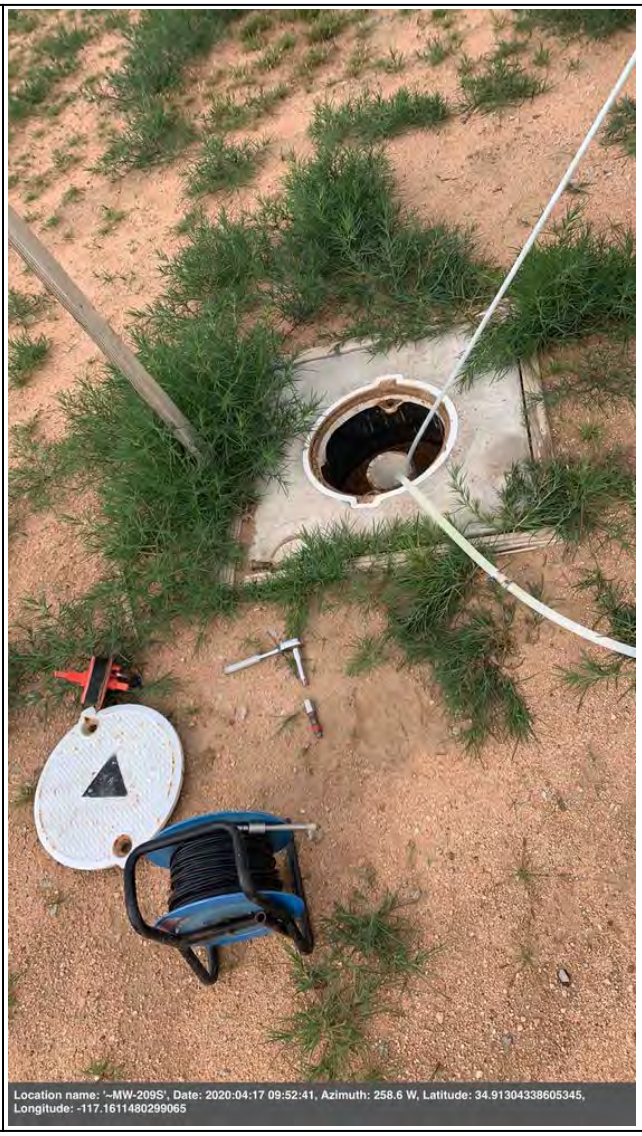
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:53	0.5	2	21.4	7.09	2430	63.4	2.80	7	96.60	1.25	1.57
09:57	0.5	4	21.9	7.08	2436	62.1	2.66	6	96.60	1.26	1.58
10:01	0.5	6	22.1	7.08	2434	60.1	2.60	4	96.60	1.26	1.58
10:05	0.5	8	22.2	7.08	2433	59.6	2.58	4	96.60	1.25	1.57
10:09	0.5	10	22.2	7.07	2435	58.9	2.56	3	96.60	1.25	1.57

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-210S

Date	04/17/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	98.50
Water Quality Meter	YSI	Gallons in Well	6.6
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	108.62
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	104
Water Column in Well	10.12	Total Volume to Remove	6.6
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	10:47	MS/MSD Sample Time	
Sample ID	~MW-210S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:30	0.50	2	21.1	7.14	4897	-69.6	0.74	8	98.58	2.63	3.17
10:34	0.50	4	21.3	7.10	4872	-75.2	0.72	5	98.58	2.58	3.10
10:38	0.50	6	21.8	7.07	4850	-79.2	0.68	4	98.58	2.52	3.09
10:42	0.50	8	22.0	7.05	4817	-82.6	0.65	4	98.59	2.51	3.09
10:46	0.50	10	22.1	7.05	4810	-85.6	0.65	4	98.59	2.51	3.09

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-211S

Date	04/17/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	98.00
Water Quality Meter	YSI	Gallons in Well	6.39
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	107.80
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	103
Water Column in Well	9.8	Total Volume to Remove	6.39
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	09:59	MS/MSD Sample Time	
Sample ID	~MW-211S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:42	0.50	2	22.8	7.17	4331	-48.4	1.31	12	98.07	2.31	2.80
09:46	0.50	4	23.1	7.12	4316	-52.4	1.23	10	98.09	2.28	2.78
09:50	0.25	5	23.2	7.10	4322	-55.8	1.17	8	98.09	2.25	2.77
09:54	0.25	6	23.2	7.09	4302	-59.2	1.15	8	98.09	2.24	2.77
09:58	0.25	7	23.3	7.09	4305	-62.5	1.15	8	98.09	2.24	2.77

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-212S1

Date	04/14/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	92.82
Water Quality Meter	YSI	Gallons in Well	7.41
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	104.18
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	99
Water Column in Well	11.36	Total Volume to Remove	7.41
		EB Sample ID	EB-736-Q220
Did Well Dewater?	No	EB Time	15:00
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	14:48	MS/MSD Sample Time	
Sample ID	~MW-212S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:31	0.5	1.5	21.6	7.06	614	128.9	4.37	12	93.02	0.33	0.42
14:34	0.5	3	22.7	7.23	635	117.6	4.34	10	93.05	0.32	0.44
14:37	0.5	4.5	23.2	7.36	631	112.6	4.33	8	93.08	0.32	0.43
14:40	0.5	6	23.7	7.47	644	110.0	4.27	8	93.08	0.32	0.43
14:43	0.5	7.5	23.8	7.46	647	112.0	4.26	8	93.10	0.32	0.43
14:46	0.5	9	23.9	7.45	644	114.3	4.30	8	93.10	0.32	0.43

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-23B

Date	04/13/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	102.19
Water Quality Meter	YSI	Gallons in Well	8.93
Casing Material	PVC	Measured Well Depth (ft bmp)	115.88
Casing Diameter (in)	4	Odor	none
Water Column in Well	13.69	Pump Intake Depth (ft bmp)	112
		Total Volume to Remove	8.93
Comments	QED bladder	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	13:54	MS/MSD Sample Time	
Sample ID	~MW-23B-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:37	0.1	0.4	20.7	7.54	1173	81.8	4.01	5	102.36	0.58	0.76
13:41	0.1	0.8	20.9	7.42	1166	79.2	3.95	4	102.36	0.58	0.76
13:45	0.1	1.2	20.9	7.42	1166	77.1	3.91	4	102.37	0.58	0.76
13:49	0.1	1.6	20.8	7.42	1165	75.8	3.88	4	102.37	0.58	0.76
13:53	0.1	2.0	20.7	7.41	1182	74.6	3.87	3	102.37	0.58	0.76

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-23C

Date	04/13/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	100.41
Water Quality Meter	YSI	Gallons in Well	28.97
Casing Material	PVC	Measured Well Depth (ft bmp)	144.81
Casing Diameter (in)	4	Odor	none
Water Column in Well	44.40	Pump Intake Depth (ft bmp)	138
		Total Volume to Remove	28.97
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	13:16	MS/MSD Sample Time	
Sample ID	~MW-23C-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	2	Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:47	1	4	22.1	7.34	1912	23.6	1.19	2	101.82	0.97	1.24
12:51	1	8	22.6	7.35	1893	22.7	1.13	2	101.82	0.96	1.22
12:55	1	12	22.6	7.34	1892	22.2	1.11	2	101.83	0.96	1.22
12:59	1	16	22.6	7.36	1890	20.7	1.07	2	101.83	0.96	1.22
13:03	1	20	22.7	7.37	1886	19.2	1.02	2	101.84	0.96	1.22
13:07	1	24	22.6	7.38	1889	18.3	1.01	2	101.83	0.96	1.22
13:11	1	28	22^	7.38	1883	17.2	0.98	2	101.83	0.96	1.22
13:15	1	32	22.7	7.38	1884	16.8	0.96	2	101.84	0.96	1.22

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-28C

Date	04/13/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	98.40
Water Quality Meter	YSI	Gallons in Well	6.05
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	135.50
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	131
Water Column in Well	37.1	Total Volume to Remove	6.05
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	12:03	MS/MSD Sample Time	
Sample ID	~MW-28C-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	10	Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:46	0.50	2	21.8	7.44	3484	-139.8	0.95	15	98.47	1.83	2.26
11:50	0.50	4	22.2	7.37	3458	-143.5	0.92	12	98.48	1.80	2.25
11:54	0.50	6	22.3	7.35	3462	-147.8	0.90	10	98.50	1.80	2.25
11:58	0.50	8	22.4	7.35	3475	-150.7	0.90	10	98.50	1.79	2.24
12:02	0.50	10	22.5	7.34	3486	-151.1	0.89	10	98.50	1.49	2.24

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-36

Date	04/16/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	109.05
Water Quality Meter	YSI	Gallons in Well	9.34
Casing Material	PVC	Measured Well Depth (ft bmp)	123.37
Casing Diameter (in)	4	Odor	none
Water Column in Well	14.32	Pump Intake Depth (ft bmp)	119
		Total Volume to Remove	9.34
Comments	QED Bladder	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	14:30	MS/MSD Sample Time	
Sample ID	~MW-36-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	2	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:13	0.1	0.4	22.7	8.00	778	82.0	3.47	6	109.20	0.38	0.50
14:17	0.1	0.8	22.7	7.80	769	78.8	3.41	2	109.20	0.38	0.50
14:21	0.1	1.2	23.0	7.63	769	76.1	3.39	2	109.20	0.38	0.50
14:25	0.1	1.6	22.9	7.55	772	74.8	3.36	2	109.20	0.38	0.50
14:29	0.1	2.0	23.2	7.51	774	73.5	3.32	2	109.20	0.38	0.50

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-37

Date	04/15/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	107.92
Water Quality Meter	YSI	Gallons in Well	9.06
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	121.80
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	117
Water Column in Well	13.88	Total Volume to Remove	9.06
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	13:05	MS/MSD Sample Time	
Sample ID	~MW-37-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-933-Q220	Post Sampling Turbidity	
Dup Sample Time	13:10	Purge Date	04/15/2020
Single Filter Turbidity	1		
Without Filter Turbidity	7		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:50	0.50	2	21.4	7.64	2937	-62.2	0.82	12	107.98	1.53	1.91
12:54	0.50	4	22.1	7.47	2844	-69.6	0.78	10	107.99	1.48	1.84
12:56	0.50	6	22.2	7.45	2850	-71.2	0.75	7	108.00	1.48	1.84
13:00	0.50	8	22.2	7.45	2860	-75.0	0.75	7	108.00	1.47	1.83
13:04	0.50	10	22.3	7.43	2871	-76.0	0.75	7	108.00	1.47	1.83

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-38B

Date	04/15/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	112.85
Water Quality Meter	YSI	Gallons in Well	8.38
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	125.70
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	120
Water Column in Well	12.85	Total Volume to Remove	8.38
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	11:09	MS/MSD Sample Time	
Sample ID	~MW-38B-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:52	0.5	2	21.9	7.23	981	110	1.89	29	112.93	0.48	0.63
10:56	0.5	4	23.1	7.20	976	107	1.68	19	112.93	0.48	0.63
11:00	0.5	6	24.2	7.20	974	101	1.54	9	112.93	0.48	0.63
11:04	0.5	8	24.4	7.19	973	100	1.50	9	112.93	0.48	0.63
11:08	0.5	10	24.5	7.19	976	99	1.46	9	112.93	0.48	0.63

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-44B

Date	04/15/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	109.71
Water Quality Meter	YSI	Gallons in Well	5.21
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	117.70
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	112
Water Column in Well	7.99	Total Volume to Remove	5.21
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	10:20	MS/MSD Sample Time	
Sample ID	~MW-44B-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:03	0.5	2	22.2	7.48	694	112	2.15	1	109.88	0.34	0.44
10:07	0.5	4	22.8	7.48	697	108	2.05	1	109.88	0.34	0.45
10:11	0.5	6	23.9	7.48	698	107	1.96	1	109.88	0.34	0.45
10:15	0.5	8	24.0	7.48	698	106	1.94	1	109.88	0.34	0.45
10:19	0.5	10.5	24.1	7.48	697	105	1.93	1	109.88	0.34	0.45

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-45A

Date	04/14/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	100.50
Water Quality Meter	YSI	Gallons in Well	4.96
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	108.10
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	104
Water Column in Well	7.6	Total Volume to Remove	4.96
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	14:39	MS/MSD Sample Time	
Sample ID	~MW-45A-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:22	0.25	1	22.8	7.06	3052	-40.4	3.95	15	100.55	1.58	1.96
14:26	0.25	2	23.1	7.22	2934	-45.1	3.27	12	100.56	1.53	1.90
14:30	0.25	3	23.3	7.28	2903	-49.2	3.21	8	100.56	1.52	1.90
14:34	0.25	4	23.5	7.28	2890	-50.2	3.20	8	100.58	1.51	1.89
14:38	0.25	6	23.5	7.29	2875	-51.5	3.20	8	100.58	1.51	1.89

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-45B

Date	04/14/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	100.00
Water Quality Meter	YSI	Gallons in Well	15.2
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	123.30
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	118
Water Column in Well	23.3	Total Volume to Remove	15.2
		EB Sample ID	EB-739-Q220
Did Well Dewater?	No	EB Time	15:52
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	15:42	MS/MSD Sample Time	
Sample ID	~MW-45B-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	12	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:25	1	4	22.8	6.89	3245	-84.3	1.24	27	100.09	1.43	2.35
15:29	1	8	23.0	6.93	3117	-87.2	1.21	23	100.10	1.41	2.31
15:33	1	12	23.1	6.92	3102	-88.2	1.20	13	100.10	1.41	2.31
15:37	1	16	23.1	6.92	3098	-90.2	1.20	12	100.10	1.41	2.31
15:41	1	20	23.2	6.91	3092	.	1.19	12	100.10	1.41	2.31

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-49S

Date	04/15/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	93.29
Water Quality Meter	YSI	Gallons in Well	1.55
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	102.81
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	97.5
Water Column in Well	9.52	Total Volume to Remove	1.55
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	09:15	MS/MSD Sample Time	
Sample ID	~MW-49S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:58	0.25	1	21.4	6.88	1671	116	3.92	12	93.36	0.84	1.08
09:02	0.25	2	21.7	7.20	1657	113	3.78	9	93.36	0.84	1.08
09:06	0.25	3	22.0	7.18	1652	110	3.68	8	93.36	0.84	1.08
09:10	0.25	4	22.1	7.14	1647	109	3.54	8	93.36	0.84	1.08
09:14	0.25	5	22.2	7.10	1642	108	3.50	8	93.36	0.84	1.08

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-73D

Date	04/16/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	109.80
Water Quality Meter	YSI	Gallons in Well	4.01
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	134.40
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	130
Water Column in Well	24.6	Total Volume to Remove	4.01
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	13:00	MS/MSD Sample Time	
Sample ID	~MW-73D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:43	0.25	1	22.7	6.95	2944	-58.5	1.87	16	109.88	1.53	1.92
12:47	0.25	2	22.9	6.92	2936	-62.5	1.82	12	109.89	1.51	1.91
12:51	0.25	3	23.1	6.90	2906	-65.2	1.82	9	109.89	1.51	1.92
12:55	0.25	4	23.2	6.89	2902	-67.5	1.82	9	109.89	1.50	1.92
12:59	0.25	5	23.2	6.89	2915	-68.2	1.82	9	109.90	1.50	1.92

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-73S

Date	04/16/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	109.70
Water Quality Meter	YSI	Gallons in Well	0.0
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	109.70
Casing Material	PVC	Odor	
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	
Water Column in Well	0.0	Total Volume to Remove	
		EB Sample ID	
Comments	Well is dry	EB Time	
Did Well Dewater?	NA	MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:30											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 12:28:37 PM
Location:~MW-73S Latitude:34.930119 , Longitude:-117.149303

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-74D

Date	04/16/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	111.50
Water Quality Meter	YSI	Gallons in Well	2.77
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	128.51
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	124
Water Column in Well	17.01	Total Volume to Remove	2.77
		EB Sample ID	EB-747-Q220
Did Well Dewater?	No	EB Time	14:45
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	14:30	MS/MSD Sample Time	
Sample ID	~MW-74D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:13	0.25	1	22.9	7.11	3028	-58.7	0.85	16	111.55	1.58	1.96
14:17	0.25	2	23.2	7.07	2992	-57.1	0.81	12	111.55	1.55	1.93
14:21	0.25	3	23.7	7.07	2932	-68.2	0.78	9	111.56	1.55	1.93
14:25	0.25	4	23.8	7.05	2916	-70.2	0.75	9	111.57	1.54	1.92
14:29	0.25	5	23.8	7.05	2902	-72.5	0.75	9	111.57	1.54	1.92

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-78S

Date	04/16/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	89.41
Water Quality Meter	YSI	Gallons in Well	2.30
Casing Material	PVC	Measured Well Depth (ft bmp)	103.54
Casing Diameter (in)	2	Odor	none
Water Column in Well	14.13	Pump Intake Depth (ft bmp)	98
		Total Volume to Remove	2.30
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/16/2020	MS/MSD Sample ID	
Sample Time	10:42	MS/MSD Sample Time	
Sample ID	~MW-78S-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:21	0.25	1	21.8	7.57	467	47.7	2.71	210	90.48	0.23	0.30
10:25	0.25	2	22.9	7.54	467	45.9	2.56	97	90.48	0.22	0.30
10:29	0.25	3	23.0	7.56	463	44.6	2.38	56	90.50	0.22	0.30
10:33	0.25	4	22.9	7.59	460	43.6	2.32	10	90.49	0.22	0.30
10:37	0.25	5	23.0	7.60	459	42.5	2.27	8	90.50	0.22	0.30
10:41	0.25	6	23.0	7.60	459	41.9	2.24	7	90.49	0.22	0.30

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-84D

Date	04/13/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	83.57
Water Quality Meter	YSI	Gallons in Well	13.18
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	164.36
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	160
Water Column in Well	80.79	Total Volume to Remove	13.18
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	09:43	MS/MSD Sample Time	
Sample ID	~MW-84D-Q220	Double Filter Turbidity	4
Without Filter Turbidity	49	Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:18	0.5	2	20.8	6.90	1624	23.9	0.41	155	85.56	0.35	0.56
09:22	0.5	4	21.0	6.95	1694	25.6	0.33	123	85.56	0.35	0.56
09:26	0.5	6	21.4	7.09	1728	35.6	0.30	110	85.56	0.35	0.56
09:30	0.5	8	22.5	7.15	1751	38.9	0.29	50	85.56	0.35	0.56
09:34	0.5	10	22.8	7.16	1759	40.1	0.28	49	85.56	0.35	0.56
09:38	0.5	12	23.1	7.16	1759	41.2	0.28	49	85.56	0.35	0.56
09:42	0.5	14	23.4	7.17	1763	42.1	0.29	49	85.56	0.35	0.56

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?		X		
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-84S

Date	04/13/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	80.11
Water Quality Meter	YSI	Gallons in Well	7.83
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	128.12
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	125
Water Column in Well	48.01	Total Volume to Remove	7.83
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	10:41	MS/MSD Sample Time	
Sample ID	~MW-84S-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	25	Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:12	0.25	1	21.4	6.77	5509	-21.2	5.26	251	80.89	0.39	0.61
10:16	0.25	2	21.5	6.78	5223	-25.6	5.10	139	80.89	0.39	0.61
10:20	0.25	3	5318	6.78	5309	-27.9	4.99	98	80.89	0.39	0.61
10:24	0.25	4	21.7	6.78	5375	-28.1	5.03	73	80.89	0.39	0.61
10:28	0.25	5	22.0	6.78	5591	-28.0	5.04	29	80.89	0.39	0.61
10:32	0.25	6	22.8	6.79	5621	-27.8	5.02	27	80.89	0.39	0.61
10:36	0.25	7	23.5	6.80	5609	-27.6	5.07	26	80.89	0.39	0.61
10:40	0.25	8	23.6	6.81	5986	-27.9	5.06	25	80.89	0.39	0.61

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-85D

Date	04/13/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Water Quality Meter	YSI	Casing Volume to Remove	1
Sampling Type	Low Flow – Grundfos RF2	Depth to Water (ft bmp)	84.85
Casing Material	PVC	Gallons in Well	13.01
Casing Diameter (in)	2	Measured Well Depth (ft bmp)	164.59
Water Column in Well	79.74	Odor	None
		Pump Intake Depth (ft bmp)	162
Did Well Dewater?	No	Total Volume to Remove	13.01
Sample Date	04/13/2020	EB Sample ID	
Sample Time	11:37	EB Time	
Sample ID	~MW-85D-Q220	MS/MSD Sample ID	
Without Filter Turbidity	34	MS/MSD Sample Time	
		Double Filter Turbidity	4
		Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:16	0.5	4	21.7	7.58	425	55.6	0.55	125	88.23	0.34	0.62
11:20	0.5	6	21.6	7.58	425	53.3	0.47	86	88.23	0.34	0.62
11:24	0.5	8	21.7	7.58	423	58.5	0.41	41	88.23	0.34	0.62
11:28	0.5	10	22.2	7.72	420	45.6	0.30	38	88.23	0.34	0.62
11:32	0.5	12	22.5	7.74	419	47.0	0.29	2	88.23	0.34	0.62
11:36	0.5	14	22.6	7.75	419	48.1	0.28	34	88.23	0.34	0.62
11:37	0.5	2	21.3	7.69	427	53.2	0.88	161	87.21	0.34	0.62

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-85S

Date	04/13/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	79.42
Water Quality Meter	YSI	Gallons in Well	6.71
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	120.56
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	117
Water Column in Well	41.14	Total Volume to Remove	6.71
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	12:40	MS/MSD Sample Time	
Sample ID	~MW-85S-Q220	Double Filter Turbidity	4
Without Filter Turbidity	45	Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:11	0.25	1	22.4	6.89	9147	-15.2	5.55	1000	81.45	0.29	0.65
12:15	0.25	2	21.6	6.74	9365	-18.3	6.83	1000	81.45	0.29	0.65
12:19	0.25	3	21.7	6.74	9247	-21.2	6.84	623	81.45	0.29	0.66
12:23	0.25	4	21.8	6.74	9213	-20.3	6.59	231	81.45	0.29	0.65
12:27	0.25	5	22.3	6.73	9139	-19.2	5.00	76	81.45	0.29	0.66
12:31	0.25	6	22.3	6.73	9146	-19.1	5.83	49	81.45	0.29	0.66
12:35	0.25	7	22.3	6.73	9130	-19.2	5.86	48	81.45	0	0.66
12:39	0.25	8	22.4	6.73	9136	-19.2	5.82	45	81.45	0.29	0.66

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-91C

Date	04/13/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	98.34
Water Quality Meter	YSI	Gallons in Well	7.79
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	146.10
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	141
Water Column in Well	47.76	Total Volume to Remove	7.79
		EB Sample ID	EB-731-Q220
Did Well Dewater?	No	EB Time	14:20
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	14:01	MS/MSD Sample Time	
Sample ID	~MW-91C-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:44	0.50	2	21.3	7.44	3200	-63.0	0.45	7	98.41	1.68	2.07
13:48	0.50	4	22.0	7.37	3130	-81.7	0.31	4	98.43	1.63	2.03
13:52	0.50	6	22.2	7.40	3109	-83.7	0.27	3	98.44	1.62	2.03
13:56	0.50	8	22.3	7.40	3070	-79.1	0.25	3	98.45	1.62	2.03
14:00	0.50	10	22.4	7.41	3069	-78.7	0.25	3	98.45	1.61	2.03

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-92C

Date	04/13/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	97.10
Water Quality Meter	YSI	Gallons in Well	4.63
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	125.48
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	121
Water Column in Well	28.38	Total Volume to Remove	4.63
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	09:16	MS/MSD Sample Time	
Sample ID	~MW-92C-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	14	Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:59	0.25	1	21.4	6.87	4395	-120.2	2.72	27	97.17	2.35	2.56
09:03	0.25	2	22.6	6.88	4321	-157.8	1.64	20	97.20	2.29	2.80
09:07	0.25	3	23.2	6.89	4307	-81.2	1.68	15	97.21	2.29	2.80
09:11	0.25	4	23.5	6.90	4312	-80.7	1.67	15	97.21	2.29	2.80
09:15	0.25	5	23.6	6.90	4340	-78.5	1.67	14	97.21	2.29	2.80

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-93C

Date	04/14/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	101.66
Water Quality Meter	YSI	Gallons in Well	5.35
Casing Material	PVC	Measured Well Depth (ft bmp)	134.45
Casing Diameter (in)	2	Odor	none
Water Column in Well	32.79	Pump Intake Depth (ft bmp)	130
		Total Volume to Remove	5.35
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	13:06	MS/MSD Sample Time	
Sample ID	~MW-93C-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:49	0.25	1	21.3	7.76	429	43.7	3.68	5	102.41	0.21	0.27
12:53	0.25	2	22.8	7.74	432	41.9	3.45	5	102.43	0.21	0.28
12:57	0.25	3	23.6	7.75	434	40.8	3.26	4	102.43	0.21	0.27
13:01	0.25	4	23.7	7.74	434	39.8	3.19	4	102.44	0.21	0.28
13:05	0.25	5	23.8	7.75	436	38.2	3.14	4	102.44	0.21	0.27

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-95D

Date	04/15/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	
Casing Diameter (in)	2	Casing Volume to Remove	
Water Column in Well	64.03	Depth to Water (ft bmp)	97.97
		Gallons in Well	10.44
Comments	DTW ONLY	Measured Well Depth (ft bmp)	162.00
Did Well Dewater?	NA	Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:29											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-95S

Date	04/15/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	91.11
Water Quality Meter	YSI	Gallons in Well	2.97
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	109.31
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	105
Water Column in Well	18.2	Total Volume to Remove	2.97
		EB Sample ID	EB-743-Q220
Did Well Dewater?	No	EB Time	14:30
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	14:23	MS/MSD Sample Time	
Sample ID	~MW-95S-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	12	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:06	0.25	1	22.3	7.07	4236	-59.9	1.76	33	91.18	2.23	2.71
14:10	0.25	2	22.7	7.00	4358	-60.2	1.68	18	91.19	2.21	2.65
14:14	0.25	3	22.9	6.98	4365	-64.2	1.65	12	91.19	2.21	2.61
14:18	0.25	4	23.0	6.98	4372	-67.2	1.65	12	91.20	2.21	2.61
14:22	0.25	5	23.1	6.97	4368	-69.4	1.62	12	91.21	2.21	2.60

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?		X		
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-98C

Date	04/14/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	96.90
Water Quality Meter	YSI	Gallons in Well	4.69
Casing Material	PVC	Measured Well Depth (ft bmp)	125.66
Casing Diameter (in)	2	Odor	none
Water Column in Well	28.76	Pump Intake Depth (ft bmp)	120
		Total Volume to Remove	4.69
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	13:59	MS/MSD Sample Time	
Sample ID	~MW-98C-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:42	0.25	1	21.2	7.82	631	30.1	2.47	37	97.58	0.31	0.40
13:46	0.25	2	22.5	7.78	635	28.9	2.39	12	97.61	0.31	0.40
13:50	0.25	3	23.2	7.75	636	27.4	2.27	7	97.60	0.31	0.40
13:54	0.25	4	23.3	7.76	639	25.8	2.21	5	97.61	0.31	0.40
13:58	0.25	5	23.4	7.75	640	24.6	2.16	4	97.62	0.31	0.40

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~PT1-MW-04

Date	04/17/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	92.84
Water Quality Meter	YSI	Gallons in Well	14.63
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	115.26
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	113
Water Column in Well	22.42	Total Volume to Remove	14.63
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	11:34	MS/MSD Sample Time	
Sample ID	~PT1-MW-04-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	15	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:05	0.5	2	21.6	6.98	1095	-12.1	1.26	17	93.52	0.36	0.54
11:09	0.5	4	21.6	6.90	1095	-17.2	1.15	15	93.52	0.36	0.54
11:13	0.5	6	22.4	6.89	1090	-20.3	1.05	16	93.52	0.36	0.54
11:17	0.5	8	23.7	7.02	1091	-18.2	1.10	15	93.52	0.36	0.54
11:21	0.5	10	24.0	7.04	1095	-18.9	1.08	15	93.52	0.36	0.54
11:25	0.5	12	24.1	7.03	1095	-19.0	1.05	15	93.52	0.36	0.54
11:29	0.5	14	23.9	7.03	1096	-19.3	1.05	15	93.52	0.36	0.54
11:33	0.5	16	23.8	7.04	1096	-18.9	1.01	15	93.52	0.36	0.54

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Groundwater Monitoring Field Data Form

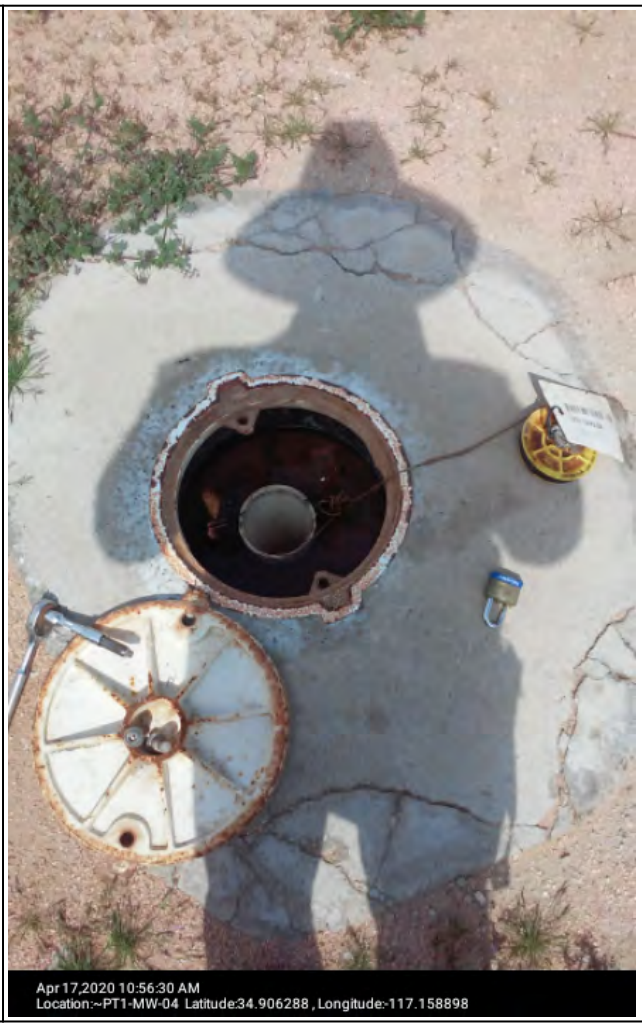
Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



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Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~PT2-MW-10

Date	04/17/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	96.01
Water Quality Meter	YSI	Gallons in Well	19.0
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	125.13
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	120
Water Column in Well	29.12	Total Volume to Remove	19.0
		EB Sample ID	EB-750-Q220
Did Well Dewater?	No	EB Time	12:30
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	12:13	MS/MSD Sample Time	
Sample ID	~PT2-MW-10-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	16	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:56	1	4	21.0	6.94	1575	-26.9	2.41	21	96.98	0.39	0.53
12:00	1	8	21.9	6.86	1593	-30.1	2.12	17	96.98	0.39	0.53
12:04	1	12	22.4	6.89	1605	-28.9	2.09	18	96.98	0.39	0.53
12:08	1	16	22.8	6.90	1637	-20.3	1.99	17	96.98	0.39	0.53
12:12	1	20	22.9	6.90	1638	-19.2	2.01	16	96.98	0.39	0.53

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~RPVT

Date	04/14/2020	Sampler	
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Diameter (in)	4	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/14/2020	Total Volume to Remove	
Sample Time	09:21	EB Sample ID	
Sample ID	~RPVT-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	3	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:20	1	5	20.2	7.11	1813	187	4.17	3		0.92	1.17

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 14,2020 09:47:49 AM
Location:~RPVT Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-01S

Date	04/15/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	0
Purge Volume Units	Ml	Depth to Water (ft bmp)	94.22
Water Quality Meter	YSI	Gallons in Well	0.77
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	98.97
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	97
Water Column in Well	4.75	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	15:30	MS/MSD Sample Time	
Sample ID	~SA-MW-01S-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-940-Q220	Post Sampling Turbidity	
Dup Sample Time	15:42	Purge Date	04/15/2020
Single Filter Turbidity	3		
Without Filter Turbidity	33		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:10	200	800	23.4	6.88	904	17.4	4.60	1000	94.36	0.46	0.60
15:14	200	1600	23.1	7.02	899	15.6	4.59	326	94.36	0.46	0.60
15:18	200	2400	22.7	7.03	891	17.0	4.00	69	94.38	0.46	0.60
15:22	200	3200	22.7	7.01	889	22.0	3.43	33	94.40	0.46	0.60
15:26	200	4000	22.8	7.01	882	22.5	3.40	34	94.40	0.46	0.60
15:30	200	4800	22.8	7.00	880	23.5	3.36	31	94.40	0.46	0.60

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-02D

Date	04/15/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-02S

Date	04/15/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	93.58
Water Quality Meter	YSI	Gallons in Well	2.4
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	108.32
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	103
Water Column in Well	14.74	Total Volume to Remove	2.4
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	14:55	MS/MSD Sample Time	
Sample ID	~SA-MW-02S-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	17	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:34	0.25	1	21.3	6.88	802	48.6	4.18	1000	94.01	0.42	0.59
14:38	0.25	2	21.8	6.82	812	45.5	4.11	186	94.01	0.42	0.59
14:42	0.25	3	22.5	6.80	816	43.5	4.08	51	94.08	0.42	0.59
14:46	0.25	4	23.3	6.79	820	39.8	3.99	18	94.10	0.42	0.59
14:50	0.25	5	23.8	6.78	822	38.5	3.92	17	94.10	0.42	0.59
14:54	0.25	6	23.9	6.77	824	39.5	3.90	17	94.11	0.42	0.59

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-05D

Date	04/15/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	92.82
Water Quality Meter	YSI	Gallons in Well	5.23
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	124.87
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	120
Water Column in Well	32.05	Total Volume to Remove	5.23
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	13:54	MS/MSD Sample Time	
Sample ID	~SA-MW-05D-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:36	0.25	2	22.6	6.79	819	112.3	4.92	254	93.05	0.42	0.55
13:40	0.25	3	23.6	6.90	846	106.6	2.34	17	93.10	0.43	0.57
13:44	0.25	4	23.8	6.91	853	106.3	2.30	8	93.10	0.43	0.57
13:48	0.25	5	23.8	6.91	852	106.4	2.28	8	93.11	0.43	0.57
13:52	0.25	6	23.9	6.91	853	106.5	2.17	8	93.11	0.43	0.57
14:32	0.25	1	21.8	6.95	800	102.1	4.80	1000	93.05	0.43	0.57

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-06D

Date	04/15/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	135
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:50						91.0		10		0.30	0.39

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-06S

Date	04/15/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	0
Purge Volume Units	Ml	Depth to Water (ft bmp)	97.41
Water Quality Meter	YSI	Gallons in Well	1.2
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	102.13
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	100
Water Column in Well	4.72	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	11:39	MS/MSD Sample Time	
Sample ID	~SA-MW-06S-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-941-Q220	Post Sampling Turbidity	
Dup Sample Time	11:49	Purge Date	04/15/2020
Single Filter Turbidity	2		
Without Filter Turbidity	19		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:21	300	1200	20.8	7.00	730	118.9	4.44	145	97.50	0.39	0.51
11:25	300	2400	20.7	6.97	730	119.6	4.23	64	97.51	0.39	0.51
11:29	300	3600	21.0	6.96	735	118.8	3.44	21	97.51	0.39	0.52
11:33	300	4800	20.9	6.97	734	117.7	3.40	20	97.52	0.39	0.52
11:37	300	6000	20.8	6.99	732	116.6	3.47	19	97.52	0.39	0.51

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-07D

Date	04/15/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	96.50
Water Quality Meter	YSI	Gallons in Well	3.79
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	119.73
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	115
Water Column in Well	23.23	Total Volume to Remove	3.79
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	12:50	MS/MSD Sample Time	
Sample ID	~SA-MW-07D-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-935-Q220	Post Sampling Turbidity	
Dup Sample Time	13:00	Purge Date	04/15/2020
Single Filter Turbidity	4		
Without Filter Turbidity	14		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:25	0.25	1	22.1	7.47	577	101.2	8.86	1000	98.40	0.27	0.39
12:29	0.25	2	23.2	7.51	582	102.3	8.36	1000	98.53	0.28	0.37
12:33	0.25	3	24.3	7.52	581	104.7	7.54	258	98.60	0.28	0.39
12:37	0.25	4	24.5	7.48	581	109.6	7.51	73	98.62	0.29	0.38
12:41	0.25	5	24.6	7.48	581	110.7	7.45	15	98.64	0.29	0.39
12:45	0.25	6	24.6	7.47	592	111.9	7.36	14	98.70	0.29	0.39
12:49	0.25	7	24.6	7.45	593	114.9	7.30	14	98.72	0.29	0.39

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley
Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-07S

Date	04/15/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	96.60
Water Column in Well	1.3	Gallons in Well	0.21
		Measured Well Depth (ft bmp)	97.90
Comments	Well is insufficient	Odor	
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/15/2020	Total Volume to Remove	
Sample ID	~SA-MW-07S-Q220	EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:23											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	
Remarks				

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-11S

Date	04/17/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	0
Purge Volume Units	Ml	Depth to Water (ft bmp)	98.71
Water Quality Meter	YSI	Gallons in Well	1.27
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	103.69
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	102
Water Column in Well	4.98	Total Volume to Remove	0.0
		EB Sample ID	EB-753-Q220
Did Well Dewater?	No	EB Time	
Sample Time	09:53	MS/MSD Sample ID	
Single Filter Turbidity	4	MS/MSD Sample Time	
Without Filter Turbidity	20	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:23	300	1200	20.0	7.16	988	120.1	5.13	1000	98.99	0.53	0.70
09:27	300	2400	21.0	7.15	990	115.9	3.84	1000	99.00	0.53	0.70
09:31	300	3600	21.1	7.17	988	114.7	3.70	863	99.01	0.53	0.70
09:35	300	4800	21.1	7.16	982	115.9	3.59	302	99.01	0.52	0.69
09:39	300	6000	21.0	7.15	979	117.1	3.48	122	99.03	0.53	0.70
09:43	300	7200	20.9	7.13	993	119.5	3.63	22	99.03	0.53	0.70
09:47	300	8400	21.0	7.13	999	119.9	3.70	22	99.03	0.53	0.70
09:51	300	9600	21.1	7.13	1011	120.5	3.81	20	99.03	0.53	0.71

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-RW-22

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	13:50	EB Sample ID	
Sample ID	~SA-RW-22-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:50	1	5	22.2	7.15	791	108.8	5.56	1		0.41	0.55

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 01:46:54 PM
Location:~SA-RW-22 Latitude:34.908367 , Longitude:-117.160952

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-RW-23

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	13:35	EB Sample ID	
Sample ID	~SA-RW-23-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:35	1	5	22.5	7.31	819	109.7	0.99	1		0.42	0.56

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?		X		
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

Apr 16,2020 01:35:39 PM
Location:~SA-RW-23 Latitude:34.908416 , Longitude:-117.159083

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-RW-25

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	13:25	EB Sample ID	
Sample ID	~SA-RW-25-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:25	1	5	21.3	7.14	966	115.0	5.05	1		0.51	0.68

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 01:23:59 PM
Location:~SA-RW-25 Latitude:34.908379 , Longitude:-117.155726

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-07D

Date	04/15/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	96.61
Water Quality Meter	YSI	Gallons in Well	8.04
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	145.92
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	143
Water Column in Well	49.31	Total Volume to Remove	8.04
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	08:48	MS/MSD Sample Time	
Sample ID	~SC-MW-07D-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	10	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:15	0.25	1	19.4	6.55	1552	-56.2	6.85	1000	97.29	0.29	0.64
08:19	0.25	2	19.7	6.73	1562	-31.4	6.85	839	97.29	0.29	0.64
08:23	0.25	3	20.6	6.79	1566	-23.2	6.67	166	97.29	0.29	0.64
08:27	0.25	4	21.5	6.87	1568	-15.3	6.71	38	97.29	0.29	0.64
08:31	0.25	5	21.7	6.89	1566	-12.3	6	11	97.29	0.29	0.64
08:35	0.25	6	21.7	6.89	1552	-11.7	6.71	10	97.29	0.29	0.64
08:39	0.25	7	21.7	6.89	1559	-10.9	6.71	10	97.29	0.29	0.64
08:43	0.25	8	21.8	6.89	1556	-9.8	6.75	10	97.29	0.29	0.64
08:47	0.25	9	21.9	6.89	1560	-9.5	6.75	10	97.29	0.29	0.64

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-07S

Date	04/15/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	96.96
Water Quality Meter	YSI	Gallons in Well	2.7
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	113.54
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	110
Water Column in Well	16.58	Total Volume to Remove	2.7
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	09:23	MS/MSD Sample Time	
Sample ID	~SC-MW-07S-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	18	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:02	0.25	1	19.9	6.94	1675	-28.1	6.75	360	97.06	0.30	0.60
09:06	0.25	2	21.7	6.85	1721	-10.2	6.50	117	97.06	0.30	0.60
09:10	0.25	3	23.3	6.93	1736	-5.9	6.43	61	97.06	0.30	0.60
09:14	0.25	4	23.4	6.90	1757	-4.3	6.54	19	97.06	0.30	0.60
09:18	0.25	5	23.3	6.89	1755	-4.1	6.54	18	97.06	0.30	0.60
09:22	0.25	6	23.3	6.90	1756	-3.9	6.50	18	97.06	0.30	0.60

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-09D

Date	04/15/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	104.00
Water Quality Meter	YSI	Gallons in Well	5.04
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	134.87
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	130
Water Column in Well	30.87	Total Volume to Remove	5.04
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	10:20	MS/MSD Sample Time	
Sample ID	~SC-MW-09D-Q220	Double Filter Turbidity	4
Without Filter Turbidity	40	Post Sampling Turbidity	
		Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:59	0.25	1	20.3	6.99	1358	21.9	7.68	159	107.65	0.33	0.64
10:03	0.25	2	20.4	6.90	1357	25.6	7.64	80	107.65	0.33	0.64
10:07	0.25	3	21.9	6.86	1370	29.1	7.05	43	107.65	0.33	0.64
10:11	0.25	4	23.0	6.96	1354	30.2	7.08	40	107.65	0.33	0.64
10:15	0.25	5	23.2	6.95	1362	29.6	7.10	40	107.65	0.33	0.64
10:19	0.25	6	23.4	6.95	1369	29.8	7.11	40	107.65	0.33	0.64

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-10D

Date	04/15/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	100.98
Water Quality Meter	YSI	Gallons in Well	7.28
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	145.62
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	142
Water Column in Well	44.64	Total Volume to Remove	7.28
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	11:11	MS/MSD Sample Time	
Sample ID	~SC-MW-10D-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	19	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:42	0.25	1	20.7	6.86	1243	31.2	7.91	1000	102.01	0.35	0.64
10:46	0.25	2	21.0	6.84	1233	35.2	7.88	787	102.01	0.35	0.64
10:50	0.25	3	21.5	6.84	1225	38.9	7.56	139	102.01	0.35	0.64
10:54	0.25	4	22.6	6.92	1240	34.2	7.37	79	102.01	0.35	0.64
10:58	0.25	5	22.8	6.94	1240	34.	7.49	51	102.01	0.35	0.64
11:02	0.25	6	22.8	6.94	1267	35.2	7.86	19	102.01	0.35	0.64
11:06	0.25	7	23.4	6.95	1265	33.5	7.80	19	102.01	0.35	0.64
11:10	0.25	8	23.5	6.95	1267	33.6	7.78	19	102.01	0.35	0.64

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-10S

Date	04/15/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	99.12
Water Quality Meter	YSI	Gallons in Well	2.56
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	114.84
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	110
Water Column in Well	15.72	Total Volume to Remove	2.56
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	11:41	MS/MSD Sample Time	
Sample ID	~SC-MW-10S-Q220	Double Filter Turbidity	3
Without Filter Turbidity	48	Post Sampling Turbidity	
		Purge Date	04/15/2020

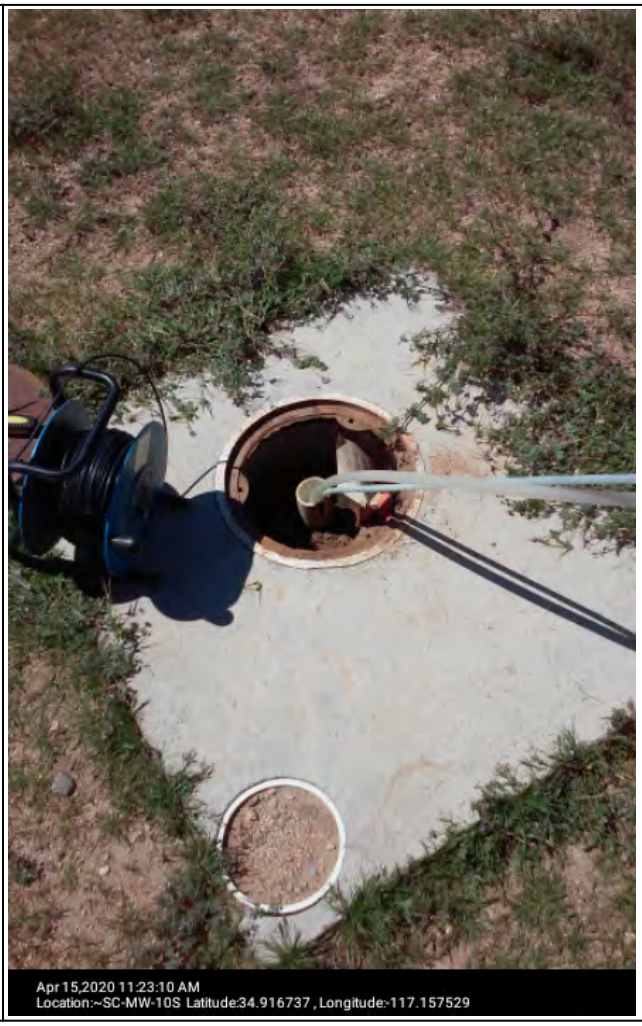
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:24	0.25	1	20.9	6.94	1081	86.2	6.02	246	99.72	0.31	0.56
11:28	0.25	2	21.5	6.90	1079	88.2	5.82	101	99.72	0.31	0.56
11:32	0.25	3	22.7	6.87	1083	90.1	5.53	52	99.72	0.31	0.56
11:36	0.25	4	23.6	6.96	1091	91.2	5.60	48	99.72	0.31	0.56
11:40	0.25	5	24.2	6.97	1092	92.4	5.62	48	99.72	0.31	0.56

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-11D

Date	04/15/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	105.53
Water Quality Meter	YSI	Gallons in Well	6.48
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	145.26
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	142
Water Column in Well	39.73	Total Volume to Remove	6.48
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	13:15	MS/MSD Sample Time	
Sample ID	~SC-MW-11D-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/15/2020

Field Parameters

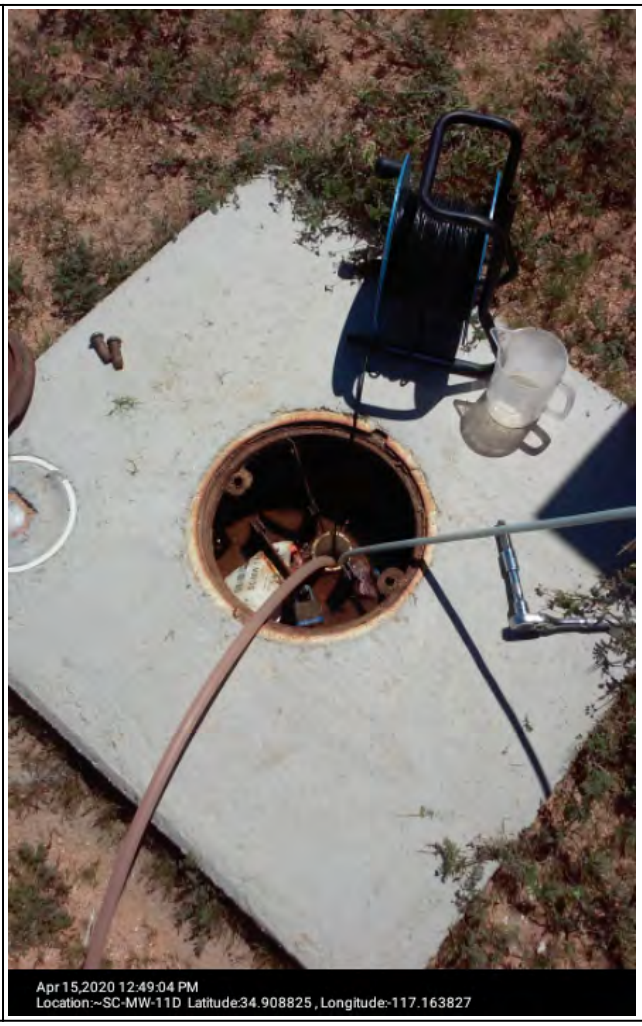
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:50	0.25	1	22.3	7.10	451	102.3	0.97	1000	106.54	0.36	0.67
12:54	0.25	2	23.8	7.19	443	99.2	0.55	20	106.54	0.36	0.67
12:58	0.25	3	24.3	7.30	450	98.1	0.44	7	106.54	0.36	0.67
13:02	0.25	4	24.6	7.28	444	100.3	0.32	5	106.54	0.36	0.67
13:06	0.25	5	24.6	7.28	443	100.	0.31		106.54		
13:10	0.25	6	24.5	7.25	440	101.2	0.31	5	106.54	0.36	0.67
13:14	0.25	7	24.5	7.24	439	100.7	0.30	5	106.54	0.36	0.67

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?		X		
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?	X			

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-12D

Date	04/15/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	102.72
Water Quality Meter	YSI	Gallons in Well	6.93
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	145.21
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	142
Water Column in Well	42.49	Total Volume to Remove	6.93
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	14:12	MS/MSD Sample Time	
Sample ID	~SC-MW-12D-Q220	Double Filter Turbidity	3
Without Filter Turbidity	39	Post Sampling Turbidity	
		Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:47	0.25	1	22.6	7.11	453	81.2	1.29	1000	103.76	0.36	0.67
13:51	0.25	2	23.3	6.99	452	85.7	1.02	1000	103.76	0.36	0.67
13:55	0.25	3	24.6	7.22	454	79.2	0.92	158	103.76	0.36	0.67
13:59	0.25	4	24.9	7.21	454	79.8	0.93	68	103.76	0.36	0.67
14:03	0.25	5	25.2	7.18	454	80.1	0.81	42	103.76	0.36	0.67
14:07	0.25	6	25.3	7.16	454	80.3	0.74	40	103.76	0.36	0.67
14:11	0.25	7	25.3	7.15	455	79.8	0.71	39	103.76	0.36	0.67

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-12S

Date	04/15/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	94.15
Water Quality Meter	YSI	Gallons in Well	1.11
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	100.97
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	100
Water Column in Well	6.82	Total Volume to Remove	1.11
		EB Sample ID	EB-742-Q220
Did Well Dewater?	No	EB Time	15:15
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	15:00	MS/MSD Sample Time	
Sample ID	~SC-MW-12S-Q220	Double Filter Turbidity	4
Without Filter Turbidity	48	Post Sampling Turbidity	
		Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:43	0.1	0.4	23.9	7.13	1187	112.3	6.34	197	96.18	0.34	0.59
14:47	0.1	0.8	23.7	7.06	1196	113.2	6.96	117	96.18	0.34	0.59
14:51	0.1	1.2	23.0	6.95	1207	115.2	7.12	51	96.18	0.34	0.59
14:55	0.1	1.6	22.9	6.95	1205	115.9	7.09	50	96.18	0.34	0.59
14:59	0.1	2.0	22.8	6.96	1209	115.2	7.02	48	96.18	0.34	0.59

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~X-10

Date	04/13/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	99.51
Water Quality Meter	YSI	Gallons in Well	10.11
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	115.00
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	110
Water Column in Well	15.49	Total Volume to Remove	10.11
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	10:14	MS/MSD Sample Time	
Sample ID	~X-10-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:57	0.5	2	20.9	6.92	1488	157	0.98	1	99.63	0.75	0.96
10:01	0.5	4	21.6	6.93	1488	148	0.78	1	99.63	0.75	0.97
10:05	0.5	6	21.9	6.95	1493	139	0.46	1	99.63	0.75	0.97
10:09	0.5	8	22.4	6.95	1507	132	0.36	1	99.63	0.76	0.97
10:13	0.5	10.5	22.5	6.96	1514	131	0.34	1	99.63	0.76	0.97

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~X-11

Date	04/13/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	95.68
Water Quality Meter	YSI	Gallons in Well	47.99
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	128.37
Casing Material	PVC	Odor	None
Casing Diameter (in)	6	Pump Intake Depth (ft bmp)	118
Water Column in Well	32.69	Total Volume to Remove	47.99
		EB Sample ID	Eb-735-q220
Did Well Dewater?	No	EB Time	14:50
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	11:06	MS/MSD Sample Time	
Sample ID	~X-11-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:45	2	10	21.5	7.06	1290	123	0.54	4	95.72	0.64	0.83
10:50	2	20	21.8	7.04	1290	120	0.26	2	95.72	0.64	0.83
10:55	2	30	21.9	7.03	1291	116	0.21	1	95.72	0.65	0.83
11:00	2	40	21.9	7.02	1291	115	0.19	1	95.72	0.64	0.83
11:05	2	50	22.0	7.03	1290	114	0.18	1	95.72	0.64	0.83

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~X-12

Date	04/13/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	89.22
Water Quality Meter	YSI	Gallons in Well	26.61
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	130.00
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	120
Water Column in Well	40.78	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	11:21	MS/MSD Sample Time	
Sample ID	~X-12-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:20	1	5	21.7	6.86	1655	115	0.24	1	89.30	0.84	1.07

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 13,2020 11:15:59 AM
Location:~X-12 Latitude:0 , Longitude:0

~X-13

Date	04/13/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	88.61
Water Quality Meter	YSI	Gallons in Well	27.66
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	131.00
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	121
Water Column in Well	42.39	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	12:05	MS/MSD Sample Time	
Sample ID	~X-13-Q220	Double Filter Turbidity	
Duplicate Sample ID	Mw-930-q220	Post Sampling Turbidity	
Dup Sample Time	12:15	Purge Date	04/13/2020
Single Filter Turbidity	1		
Without Filter Turbidity	1		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:04	1	5	21.8	7.05	1203	202	2.45	1	88.66	0.60	0.78

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 13,2020 12:04:27 PM
Location:~X-13 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~Y-01

Date	04/14/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	86.40
Water Quality Meter	YSI	Gallons in Well	12.14
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	105
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	95
Water Column in Well	18.6	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	12:21	MS/MSD Sample Time	
Sample ID	~Y-01-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:20	1	5	22.9	6.76	3856	81	5.85	3	86.45	2.04	2.50

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 14,2020 12:16:24 PM
Location:~Y-01 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~Y-03

Date	04/14/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	95.5
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/14/2020	EB Sample ID	
Sample Time	11:56	EB Time	
Sample ID	~Y-03-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	2	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:55	1	5	21.6	6.90	3708	53	5.88	2	88.10	1.96	2.41

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 14,2020 12:06:10 PM
Location:~Y-03 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~C-04

Date	04/14/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	83.00
Water Quality Meter	YSI	Gallons in Well	117.44
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	163
Casing Material	PVC	Odor	None
Casing Diameter (in)	6	Pump Intake Depth (ft bmp)	123
Water Column in Well	80.0	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	12:56	MS/MSD Sample Time	
Sample ID	~C-04-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	2	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:55	1	5	20.3	7.04	1824	35	3.31	2	83.02	0.93	1.18

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 14,2020 12:48:46 PM
Location:~C-04 Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-14B

Date	04/17/2020	Sampler	Phil alonzo
Weather Conditions	Cloudy	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	105.61
Water Quality Meter	YSI	Gallons in Well	23.74
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	142.00
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	137
Water Column in Well	36.39	Total Volume to Remove	23.74
		EB Sample ID	EB-751-Q220
Did Well Dewater?	No	EB Time	12:30
Sample Date	04/17/2020	MS/MSD Sample ID	
Sample Time	11:55	MS/MSD Sample Time	
Sample ID	~MW-14B-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	15	Purge Date	04/17/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:38	0.2	0.6	20.2	7.95	3788	-66.3	2.72	22	105.68	1.99	2.44
11:42	0.2	1.2	20.1	7.92	3790	-68.5	2.68	18	105.68	1.95	2.43
11:46	0.2	1.8	20.2	7.92	3767	-72.5	2.65	15	105.69	1.95	2.40
11:50	0.2	2.4	20.2	7.91	3764	-75.8	2.65	15	105.69	1.92	2.39
11:54	0.2	3.0	20.1	7.91	3724	-79.5	2.64	15	105.70	1.91	2.38

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-27A

Date	04/15/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	103.71
Water Quality Meter	YSI	Gallons in Well	8.51
Casing Material	PVC	Measured Well Depth (ft bmp)	116.75
Casing Diameter (in)	4	Odor	none
Water Column in Well	13.04	Pump Intake Depth (ft bmp)	112
		Total Volume to Remove	8.51
Comments	QED Bladder	EB Sample ID	EB-741-Q220
Did Well Dewater?	No	EB Time	16:00
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	15:27	MS/MSD Sample Time	
Sample ID	~MW-27A-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:10	0.1	0.4	21.8	7.10	1675	27.5	2.14	7	103.75	0.85	1.09
15:14	0.1	0.8	22.2	7.09	1659	26.3	2.08	4	103.75	0.84	1.07
15:18	0.1	1.2	22.6	7.10	1649	25.8	2.05	3	103.75	0.83	1.07
15:22	0.1	1.6	22.8	7.10	1642	25.3	2.03	3	103.75	0.84	1.07
15:26	0.1	2.0	22.8	7.09	1638	24.7	2.01	3	103.75	0.83	1.07

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-27B

Date	04/15/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Ml	Depth to Water (ft bmp)	116.77
Water Quality Meter	YSI	Gallons in Well	22.53
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	151.30
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	135
Water Column in Well	34.53	Total Volume to Remove	22.53
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	11:54	MS/MSD Sample Time	
Sample ID	~MW-27B-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:33	1	5	21.4	6.86	1431	23	1.47	1	116.90	0.72	0.92
11:38	1	10	21.9	6.82	1470	36	1.63	1	116.90	0.75	0.97
11:43	1	15	21.9	6.82	1502	40	1.82	1	116.90	0.76	0.97
11:48	1	20	21.9	6.83	1463	43	2.07	1	116.90	0.74	0.95
11:53	1	25	22.0	6.83	1473	48	2.10	1	116.90	0.74	0.95

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?	X			
Well Casing Intact?		X		
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~MW-28B

Date	04/13/2020	Sampler	Phil alonzo
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	101.50
Water Quality Meter	YSI	Gallons in Well	3.46
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	106.8
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	105
Water Column in Well	5.3	Total Volume to Remove	3.46
		EB Sample ID	
Comments	Ded qed	EB Time	
Did Well Dewater?	No	MS/MSD Sample ID	
Sample Date	04/13/2020	MS/MSD Sample Time	
Sample Time	10:53	Double Filter Turbidity	
Sample ID	~MW-28B-Q220	Post Sampling Turbidity	
Single Filter Turbidity	1	Purge Date	04/13/2020
Without Filter Turbidity	5		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:36	0.2	0.6	18.5	7.73	3251	-48.2	6.87	12	101.58	1.85	2.28
10:40	0.2	1.2	19.8	7.70	3292	-56.7	6.07	8	101.59	1.73	2.13
10:44	0.2	1.8	19.8	7.70	3277	-56.3	6.05	5	101.60	1.72	2.13
10:48	0.2	2.4	20.0	7.56	3212	-56.7	6.04	5	101.61	1.72	2.12
10:52	0.2	3.0	20.0	7.56	3218	-58.2	6.03	5	101.61	1.71	2.12

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-29

Date	04/14/2020	Sampler	Josh
Weather Conditions	Rain	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	92.58
Water Quality Meter	YSI	Gallons in Well	5.42
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	100.89
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	99
Water Column in Well	8.31	Total Volume to Remove	5.42
		EB Sample ID	EB-738-Q220
Did Well Dewater?	No	EB Time	15:40
Sample Date	04/14/2020	MS/MSD Sample ID	
Sample Time	15:34	MS/MSD Sample Time	
Sample ID	~MW-29-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:13	0.25	1	20.6	7.35	805	-21.2	8.50	7	92.84	0.38	0.62
15:17	0.25	2	21.6	7.29	803	-25.6	8.31	7	92.84	0.38	0.62
15:21	0.25	3	22.9	7.43	806	-24.2	8.15	7	92.84	0.38	0.62
15:25	0.25	4	23.2	7.45	810	-25.8	8.09	7	92.84	0.38	0.62
15:29	0.25	5	23.5	7.40	815	-26.2	8.01	7	92.84	0.38	0.62
15:33	0.25	6	23.6	7.39	815	-26.5	7.99	7	92.84	0.38	0.62

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-49A

Date	04/15/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	97.24
Water Quality Meter	YSI	Gallons in Well	18.44
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	125.50
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	120
Water Column in Well	28.26	Total Volume to Remove	18.44
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	13:04	MS/MSD Sample Time	
Sample ID	~MW-49A-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:47	1	4	21.4	7.01	1421	69	2.17	2	97.40	0.71	0.92
12:51	1	8	21.8	7.00	1424	60	2.20	1	97.40	0.72	0.92
12:55	1	12	22.1	7.00	1425	62	2.06	1	97.40	0.72	0.92
12:59	1	16	22.2	6.99	1424	67	2.14	1	97.40	0.72	0.92
13:03	1	20	22.3	6.98	1427	70	2.15	1	97.40	0.72	0.92

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-49B

Date	04/15/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	98.38
Water Quality Meter	YSI	Gallons in Well	31.07
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	146.00
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	140
Water Column in Well	47.62	Total Volume to Remove	31.07
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/15/2020	MS/MSD Sample ID	
Sample Time	13:42	MS/MSD Sample Time	
Sample ID	~MW-49B-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	1	Purge Date	04/15/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:24	1.5	6	21.3	6.80	1679	98	1.98	1	98.60	0.84	1.08
13:28	1.5	12	21.4	6.79	1667	93	1.95	1	98.60	0.84	1.08
13:32	1.5	18	21.4	6.79	1689	88	2.19	1	98.60	0.86	1.09
13:36	1.5	24	21.4	6.79	1674	87	2.23	1	98.60	0.85	1.09
13:41	1.5	31.5	21.4	6.78	1679	86	2.24	1	98.60	0.84	1.08

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-04

Date	04/13/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	0
Purge Volume Units	Ml	Depth to Water (ft bmp)	95.19
Water Quality Meter	YSI	Gallons in Well	7.38
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	106.50
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	101
Water Column in Well	11.31	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	10:08	MS/MSD Sample Time	
Sample ID	~MW-04-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:50	500	2000	20.0	7.54	1162	173.7	1.01	3	95.25	0.64	0.83
09:54	500	4000	20.3	7.60	1164	171.4	1.11	3	95.25	0.64	0.83
09:58	500	6000	20.4	7.66	1166	162.9	0.72	3	95.25	0.64	0.83
10:02	500	8000	20.4	7.60	1164	156.3	0.65	3	95.28	0.64	0.82
10:06	500	10000	20.3	7.59	1161	149.8	0.59	3	95.28	0.64	0.82

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

DVD-WPVT

Date	04/16/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	04/16/2020	Total Volume to Remove	
Sample Time	10:05	EB Sample ID	
Sample ID	DVD-WPVT-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/16/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:05	1	5	19.9	6.84	2164	95.4	5.88	1		1.24	1.56

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?		X		
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?			X	
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 16,2020 10:01:46 AM
Location:DVD-WPVT Latitude:34.930641 , Longitude:-117.169456

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~PZ-12S

Date	04/14/2020	Sampler	Brian
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	100.69
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?	X			
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: '-PZ-12S', Date: 2020:04:14 08:08:18, Azimuth: 301.2 NW, Latitude: 34.92656356432574,
Longitude: -117.1626013531034

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~PZ-12D

Date	04/14/2020	Sampler	Brian
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	102.40
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/14/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?	X			
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: '–PZ-12D', Date: 2020:04:14 08:09:50, Azimuth: 6.0 N, Latitude: 34.9266212748467, Longitude: -117.1626455490865

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-22A1

Date	04/13/2020	Sampler	Brian
Weather Conditions	Sunny	Color	
Purge Method	Low Flow	Casing Volume to Remove	
Casing Material	PVC	Depth to Water (ft bmp)	92.23
Casing Diameter (in)	4	Gallons in Well	0.00
Water Column in Well	0.00	Measured Well Depth (ft bmp)	92.23
Comments	Dry	Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: 'MW-22A1', Date: 2020:04:13 11:25:44, Azimuth: 94.3 E, Latitude: 34.92733728780309, Longitude: -117.1656295172014

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-22B

Date	04/13/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	103.97
Water Quality Meter	YSI	Gallons in Well	15.68
Casing Material	PVC	Measured Well Depth (ft bmp)	128.01
Casing Diameter (in)	4	Odor	none
Water Column in Well	24.04	Pump Intake Depth (ft bmp)	120
		Total Volume to Remove	15.68
Comments	Bladder QED	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/13/2020	MS/MSD Sample ID	
Sample Time	12:00	MS/MSD Sample Time	
Sample ID	MW-22B-Q220	Double Filter Turbidity	3
Single Filter Turbidity	6	Post Sampling Turbidity	
Without Filter Turbidity	42	Purge Date	04/13/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:43	0.1	0.4	19.9	7.22	1796	82.3	4.24	47	104.04	0.91	1.16
11:47	0.1	0.8	19.9	7.14	1768	80.1	4.15	44	104.04	0.90	1.15
11:51	0.1	1.2	20.0	7.14	1749	78.6	4.10	43	104.04	0.90	1.15
11:55	0.1	1.6	20.0	7.13	1767	77.1	4.07	43	104.04	0.90	1.15
11:59	0.1	2.0	20.1	7.13	1764	76.2	4.04	42	104.04	0.90	1.15

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Required Actions				
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~PMW-01

Date	04/22/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	84.49
Water Quality Meter	YSI	Gallons in Well	22.10
Casing Material	PVC	Measured Well Depth (ft bmp)	118.37
Casing Diameter (in)	4	Odor	none
Water Column in Well	33.88	Pump Intake Depth (ft bmp)	114
		Total Volume to Remove	22.10
Comments	QED BLADDER	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/22/2020	MS/MSD Sample ID	
Sample Time	13:53	MS/MSD Sample Time	
Sample ID	~PMW-01-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	2	Purge Date	04/22/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:40	0.1	0.4	21.5	6.96	1027	51.4	2.79	2	84.63	0.51	0.66
13:43	0.1	0.7	21.5	6.97	1019	50.6	2.78	2	84.63	0.51	0.66
13:46	0.1	1.0	21.5	6.98	1018	50.0	2.78	2	84.63	0.51	0.66
13:49	0.1	1.3	21.5	6.98	1016	49.4	2.77	2	84.63	0.50	0.65
13:52	0.1	1.6	21.5	6.98	1014	48.9	2.77	2	84.63	0.50	0.65

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~RD-01

Date	04/22/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	83.42
Water Quality Meter	YSI	Gallons in Well	23.71
Casing Material	PVC	Measured Well Depth (ft bmp)	119.76
Casing Diameter (in)	4	Odor	none
Water Column in Well	36.34	Pump Intake Depth (ft bmp)	114
		Total Volume to Remove	23.71
Did Well Dewater?	No	EB Sample ID	
Sample Date	04/22/2020	EB Time	
Sample Time	13:12	MS/MSD Sample ID	
Sample ID	~RD-01-Q220	MS/MSD Sample Time	
Single Filter Turbidity	2	Double Filter Turbidity	
Without Filter Turbidity	8	Post Sampling Turbidity	
		Purge Date	04/22/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:51	1	4	22.5	7.01	994	61.9	3.52	11	83.51	0.49	0.63
12:55	1	8	22.6	7.01	991	59.3	3.49	9	83.51	0.49	0.63
12:59	1	12	22.7	7.01	995	58.0	3.47	8	83.51	0.49	0.63
13:03	1	16	22.7	7.01	1000	57.4	3.46	8	83.51	0.49	0.63
13:07	1	20	22.8	7.01	1002	56.5	3.45	8	83.51	0.49	0.63
13:11	1	24	22.8	7.01	1009	55.7	3.44	8	83.51	0.49	0.63

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

SA-SM-06S

Date	04/22/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	95.90
Water Quality Meter	YSI	Gallons in Well	1.40
Casing Material	PVC	Measured Well Depth (ft bmp)	104.47
Casing Diameter (in)	2	Odor	none
Water Column in Well	8.57	Pump Intake Depth (ft bmp)	100
		Total Volume to Remove	1.40
Comments	QED BLADDER	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/22/2020	MS/MSD Sample ID	
Sample Time	09:41	MS/MSD Sample Time	
Sample ID	SA-SM-06S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/22/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:28	0.1	0.4	21.3	7.38	842	51.0	3.84	5	95.98	0.41	0.54
09:31	0.1	0.7	21.4	7.37	843	49.7	3.80	4	95.98	0.41	0.54
09:34	0.1	1.0	21.5	7.37	844	47.6	3.78	4	95.98	0.41	0.54
09:37	0.1	1.3	21.4	7.37	844	47.1	3.77	4	95.98	0.41	0.54
09:40	0.1	1.6	21.4	7.37	845	45.9	3.76	4	95.98	0.41	0.54

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-15

Date	04/22/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	93.46
Water Quality Meter	YSI	Gallons in Well	1.74
Casing Material	PVC	Measured Well Depth (ft bmp)	95.57
Casing Diameter (in)	4.5	Odor	none
Water Column in Well	2.11	Pump Intake Depth (ft bmp)	95
		Total Volume to Remove	1.74
Comments	DEDICATED RF2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/22/2020	MS/MSD Sample ID	
Sample Time	12:01	MS/MSD Sample Time	
Sample ID	~MW-15-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/22/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:44	0.25	1	21.1	7.13	988	74.4	3.90	4	93.47	0.49	0.64
11:48	0.25	2	21.8	7.08	969	72.2	3.70	4	93.47	0.48	0.63
11:52	0.25	3	24.1	7.10	994	68.1	3.14	3	93.47	0.49	0.65
11:56	0.25	4	24.3	7.09	1000	66.8	3.04	3	93.47	0.49	0.65
12:00	0.25	5	24.5	7.08	1006	65.0	2.97	3	93.47	0.49	0.65

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

SC-MW-21D

Date	04/21/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	99.12
Water Quality Meter	YSI	Gallons in Well	9.0
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	154.31
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	149
Water Column in Well	55.19	Total Volume to Remove	9.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	14:04	MS/MSD Sample Time	
Sample ID	SC-MW-21D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:47	0.5	2	21.0	7.37	358	49.8	0.60	105	100.21	0.18	0.24
13:51	0.5	4	22.7	7.13	364	29.4	0.27	23	100.22	0.18	0.25
13:55	0.5	6	23.4	7.14	368	20.5	0.18	8	100.23	0.18	0.25
13:59	0.5	8	23.5	7.16	369	14.9	0.17	8	100.23	0.18	0.25
14:02	0.5	10	23.8	7.18	369	10.1	0.15	8	100.25	0.18	0.25

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SA-MW-39S

Date	04/21/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	81.82
Water Quality Meter	YSI	Gallons in Well	12.59
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	101.12
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	95
Water Column in Well	19.3	Total Volume to Remove	12.59
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	08:59	MS/MSD Sample Time	
Sample ID	SA-MW-39S-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:34	0.5	2	21.7	6.57	1190	-24.2	0.76	10	82.53	0.29	0.56
08:38	0.5	4	22.9	6.69	1212	-28.3	0.57	7	82.53	0.29	0.56
08:42	0.5	6	24.3	6.69	1178	-29.3	0.45	7	82.53	0.29	0.56
08:46	0.5	8	24.5	6.69	1162	-28.2	0.43	7	82.53	0.29	0.56
08:50	0.5	10	24.6	6.70	1152	-26.4	0.40	7	82.53	0.29	0.56
08:54	0.5	12	24.8	6.70	1150	-25.9	0.39	7	82.53	0.29	0.56
08:58	0.5	14	24.8	6.70	1149	-24.8	0.38	7	82.53	0.29	0.56

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

SA-MW-39D

Date	04/21/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	82.11
Water Quality Meter	YSI	Gallons in Well	5.14
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	113.62
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	108
Water Column in Well	31.51	Total Volume to Remove	5.14
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	09:51	MS/MSD Sample Time	
Sample ID	SA-MW-39D-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:30	0.25	1	22.2	7.22	1161	52.6	2.50	43	84.82	0.31	0.53
09:34	0.25	2	22.8	7.18	1169	54.2	2.19	31	84.82	0.31	0.53
09:38	0.25	3	24.7	7.19	1220	60.2	3.50	9	84.82	0.31	0.53
09:42	0.25	4	24.8	7.19	1203	62.3	3.52	9	84.82	0.31	0.53
09:46	0.25	5	24.9	7.18	1206	62.9	3.55	9	84.82	0.31	0.53
09:50	0.25	6	25.0	7.18	1229	61.0	3.56	9	84.82	0.31	0.53

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SA-MW-23S

Date	04/21/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	101.75
Water Quality Meter	YSI	Gallons in Well	0.49
Casing Material	PVC	Measured Well Depth (ft bmp)	104.74
Casing Diameter (in)	2	Odor	none
Water Column in Well	2.99	Pump Intake Depth (ft bmp)	104
		Total Volume to Remove	0.49
Did Well Dewater?	No	EB Sample ID	
Sample Date	04/21/2020	EB Time	
Sample Time	13:01	MS/MSD Sample ID	
Sample ID	SA-MW-23S-Q220	MS/MSD Sample Time	
Single Filter Turbidity	1	Double Filter Turbidity	
Without Filter Turbidity	7	Post Sampling Turbidity	
		Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:44	0.1	0.4	21.4	7.38	829	56.1	3.81	114	101.81	0.41	0.53
12:48	0.1	0.8	21.2	7.34	827	58.0	3.87	31	101.81	0.41	0.53
12:52	0.1	1.2	21.4	7.36	813	57.5	3.89	10	101.80	0.41	0.53
12:56	0.1	1.6	21.5	7.34	815	57.6	3.87	8	101.80	0.41	0.53
13:00	0.1	2.0	21.5	7.35	810	58.7	3.90	7	101.80	0.41	0.53

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SA-MW-23D

Date	04/21/2020	Sampler	Brian
Weather Conditions	Sunny	Color	
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	101.89
Water Quality Meter	YSI	Gallons in Well	5.13
Casing Material	PVC	Measured Well Depth (ft bmp)	133.32
Casing Diameter (in)	2	Odor	
Water Column in Well	31.43	Pump Intake Depth (ft bmp)	128
		Total Volume to Remove	5.13
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	13:50	MS/MSD Sample Time	
Sample ID	SA-MW-23D-Q220	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:25	0.25	1	23.5	7.45	878	55.5	3.28	672	103.15	0.43	0.57
13:29	0.25	2	23.6	7.45	872	54.2	3.20	295	103.15	0.43	0.57
13:33	0.25	3	23.5	7.44	875	53.0	3.18	42	103.16	0.43	0.57
13:37	0.25	4	23.4	7.44	876	52.3	3.15	29	103.16	0.43	0.57
13:41	0.25	5	23.4	7.44	877	51.5	3.14	24	103.16	0.43	0.57
13:45	0.25	6	23.4	7.43	878	50.8	3.10	25	103.16	0.43	0.57
13:49	0.25	7	23.5	7.43	878	50.0	3.08	24	103.16	0.43	0.57
13:49											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

SA-MW-40S

Date	04/21/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	84.67
Water Quality Meter	YSI	Gallons in Well	14.05
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	106.21
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	100
Water Column in Well	21.54	Total Volume to Remove	14.05
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	11:14	MS/MSD Sample Time	
Sample ID	SA-MW-40S-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:57	0.75	3	22.3	6.98	1838	26.1	5.30	12	84.86	0.30	0.57
11:01	0.75	6	24.5	7.04	1871	26.9	5.22	6	84.86	0.30	0.57
11:05	0.75	9	24.6	7.03	1872	27.0	5.22	6	84.86	0.30	0.57
11:09	0.75	12	24.6	7.03	1873	27.1	5.20	6	84.86	0.30	0.57
11:13	0.75	15	24.8	7.03	1870	27.2	5.18	6	84.86	0.30	0.57

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SA-MW-40D

Date	04/21/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	81.73
Water Quality Meter	YSI	Gallons in Well	6.22
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	119.84
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	115
Water Column in Well	38.11	Total Volume to Remove	6.22
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	10:37	MS/MSD Sample Time	
Sample ID	SA-MW-40D-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	17	Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:12	0.25	1	22.1	7.62	433	31.2	0.85	30	82.92	0.35	0.62
10:16	0.25	2	22.4	7.61	461	26.3	0.62	24	82.92	0.35	0.62
10:20	0.25	3	24.1	7.48	523	27.2	3.82	44	82.92	0.35	0.62
10:24	0.25	4	24.4	7.48	525	28.6	4.22	37	82.92	0.35	0.62
10:28	0.25	5	24.8	7.48	529	28.9	4.44	18	82.92	0.35	0.62
10:32	0.25	6	24.8	7.47	534	29.3	4.55	18	82.92	0.35	0.62
10:36	0.25	7	24.9	7.47	532	29.1	4.57	17	82.92	0.35	0.62

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SA-MW-27SR

Date	04/21/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	98.10
Water Quality Meter	YSI	Gallons in Well	3.62
Casing Material	PVC	Measured Well Depth (ft bmp)	103.65
Casing Diameter (in)	4	Odor	none
Water Column in Well	5.55	Pump Intake Depth (ft bmp)	102
		Total Volume to Remove	3.62
Did Well Dewater?	No	EB Sample ID	
Sample Date	04/21/2020	EB Time	
Sample Time	09:00	MS/MSD Sample ID	
Sample ID	SA-MW-27SR-Q220	MS/MSD Sample Time	
Single Filter Turbidity	5	Double Filter Turbidity	4
Without Filter Turbidity	42	Post Sampling Turbidity	
		Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:23	0.25	1	17.9	8.56	159	87.9	4.96	913	98.27	0.08	0.10
08:27	0.25	2	18.6	8.42	161	85.1	4.70	600	98.27	0.08	0.10
08:31	0.25	3	19.1	8.40	162	83.6	4.53	356	98.27	0.08	0.10
08:35	0.25	4	20.2	8.38	162	82.0	4.34	237	98.27	0.08	0.10
08:39	0.25	5	20.3	8.38	163	80.7	4.14	96	98.27	0.08	0.10
08:43	0.25	6	20.5	8.38	162	79.7	4.11	55	98.27	0.08	0.10
08:47	0.25	7	21.1	8.36	162	77.2	4.01	47	98.27	0.08	0.10
08:51	0.25	8	21.2	8.36	162	76.3	3.90	42	98.27	0.08	0.10
08:55	0.25	9	21.4	8.36	162	75.9	3.88	44	98.27	0.08	0.10
08:59	0.25	10	21.5	8.36	162	74.7	3.84	42	98.27	0.08	0.10

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	

Item	Yes	No	NA	Notes
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

SA-MW-34S

Date	04/21/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	85.21
Water Quality Meter	YSI	Gallons in Well	8.64
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	98.46
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	93
Water Column in Well	13.25	Total Volume to Remove	8.64
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	08:45	MS/MSD Sample Time	
Sample ID	SA-MW-34S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:28	0.5	1.5	20.7	6.89	844	60.5	1.34	18	85.42	0.45	0.60
08:31	0.5	3	22.6	6.95	877	44.2	0.99	7	85.42	0.45	0.59
08:34	0.5	4.5	23.4	6.96	880	40.3	0.59	6	85.42	0.45	0.59
08:37	0.5	6	23.5	6.95	875	40.5	0.47	6	85.42	0.45	0.58
08:40	0.5	7.5	23.3	6.90	872	46.0	0.41	6	85.43	0.44	0.58
08:43	0.5	9	23.3	6.90	872	46.5	0.39	6	85.43	0.44	0.58

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

SA-MW-38S

Date	04/21/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	101.24
Water Quality Meter	YSI	Gallons in Well	3.31
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	106.31
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	105
Water Column in Well	5.07	Total Volume to Remove	3.31
		EB Sample ID	EB-759-Q220
Did Well Dewater?	No	EB Time	15:15
Sample Date	04/21/2020	MS/MSD Sample ID	SA-MW-38S-Q220
Sample Time	14:18	MS/MSD Sample Time	14:18
Sample ID	SA-MW-38S-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	10	Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:57	0.1	0.4	23.0	7.22	998	100.3	6.21	44	101.35	0.36	0.60
14:01	0.1	0.8	22.8	7.20	999	100.5	6.36	20	101.35	0.36	0.60
14:05	0.1	1.2	23.3	7.12	995	98.2	5.81	13	101.35	0.36	0.60
14:09	0.1	1.6	23.0	7.17	1002	99.3	6.29	10	101.35	0.36	0.60
14:13	0.1	2.0	22.9	7.10	1001	99.5	6.25	10	101.35	0.36	0.60
14:17	0.1	2.4	22.8	7.12	1000	98.2	6.13	10	101.35	0.36	0.60

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SA-MW-38D

Date	04/21/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	109.33
Water Quality Meter	YSI	Gallons in Well	3.74
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	132.25
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	128
Water Column in Well	22.92	Total Volume to Remove	3.74
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	13:04	MS/MSD Sample Time	
Sample ID	SA-MW-38D-Q220	Double Filter Turbidity	4
Duplicate Sample ID	MW-936-Q220	Post Sampling Turbidity	
Dup Sample Time	13:14	Purge Date	04/21/2020
Without Filter Turbidity	20		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:47	0.25	1	22.8	7.38	617	92.1	6.39	24	109.92	0.36	0.54
12:51	0.25	2	24.0	7.35	624	95.2	5.77	21	103.92	0.36	0.54
12:55	0.25	3	24.1	7.34	617	96.3	5.74	20	109.92	0.36	0.54
12:59	0.25	4	24.1	7.33	611	96.9	5.74	20	103.92	0.36	0.54
13:03	0.25	5	24.6	7.33	615	97.5	5.70	20	109.92	0.36	0.54

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?	X			
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SA-MW-36S

Date	04/21/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	0
Casing Diameter (in)	4	Depth to Water (ft bmp)	99.30
Water Column in Well	0.6	Gallons in Well	0.39
		Measured Well Depth (ft bmp)	99.90
Comments	Well is insufficient	Odor	
Did Well Dewater?	NA	Pump Intake Depth (ft bmp)	
		Total Volume to Remove	0.0
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/21/2020

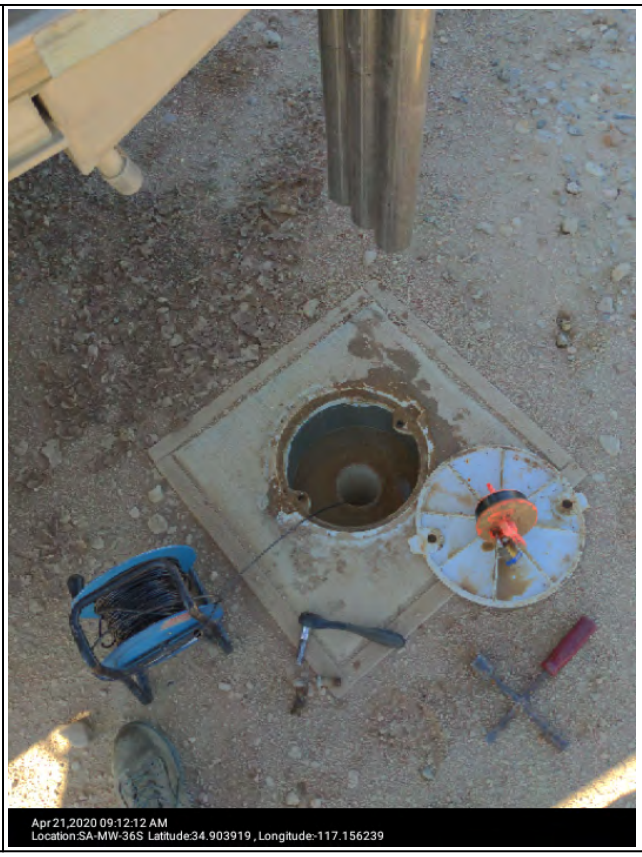
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:12											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings


Apr 21,2020 09:12:12 AM
Location:SA-MW-36S Latitude:34.903919 , Longitude:-117.156239

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SA-MW-37S

Date	04/21/2020	Sampler	Josh
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	4	Depth to Water (ft bmp)	99.83
Water Column in Well	0.08	Gallons in Well	0.05
		Measured Well Depth (ft bmp)	99.91
Comments	Dry	Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:13											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 21,2020 12:09:14 PM
Location:SA-MW-37S Latitude:34.90404 , Longitude:-117.157034

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SA-MW-37D

Date	04/21/2020	Sampler	Josh?
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	97.76
Water Quality Meter	YSI	Gallons in Well	3.57
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	119.65
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	115
Water Column in Well	21.89	Total Volume to Remove	3.57
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	11:55	MS/MSD Sample Time	
Sample ID	SA-MW-37D-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/21/2020

Field Parameters

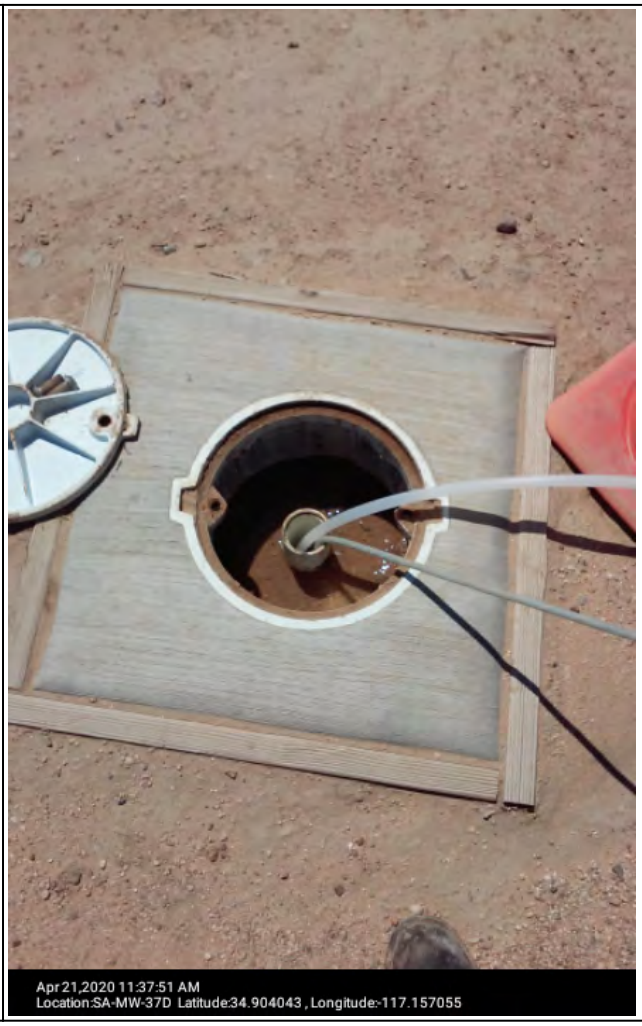
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:38	0.25	1	21.7	7.21	873	42.1	2.05	7	98.01	0.32	0.56
11:42	0.25	2	22.4	7.20	882	42.9	2.35	7	98.01	0.32	0.56
11:46	0.25	3	24.2	7.22	890	43.5	1.93	7	98.01	0.32	0.56
11:50	0.25	4	24.5	7.22	892	43.9	1.89	7	98.01	0.32	0.56
11:54	0.25	5	24.8	7.21	895	44.0	1.85	7	98.01	0.32	0.56

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

PGE-6

Date	04/24/2020	Sampler	Brian
Weather Conditions	Sunny	Color	
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Na	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Casing Material	Stainless Steel	Measured Well Depth (ft bmp)	
Comments	Extraction Port Sample	Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/24/2020

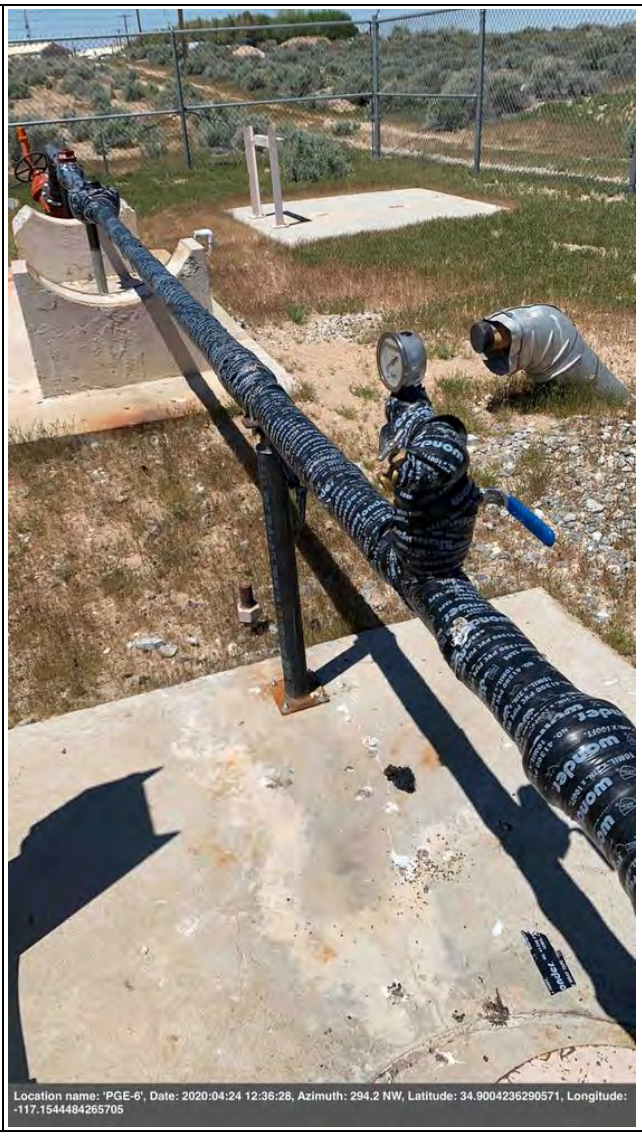
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings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ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SA-SM-03SR

Date	04/22/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	95.74
Water Quality Meter	YSI	Gallons in Well	5.73
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	104.53
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	102
Water Column in Well	8.79	Total Volume to Remove	5.73
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/22/2020	MS/MSD Sample ID	
Sample Time	11:49	MS/MSD Sample Time	
Sample ID	SA-SM-03SR-Q220	Double Filter Turbidity	5
Without Filter Turbidity	55	Post Sampling Turbidity	
		Purge Date	04/22/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:16	0.25	1	21.8	6.85	977	-21.3	1.44	340	96.61	0.35	0.61
11:20	0.25	2	22.1	6.92	974	-20.8	1.32	289	96.98	0.35	0.61
11:24	0.25	3	22.3	6.94	972	-15.4	1.56	265	97.23	0.35	0.61
11:28	0.25	4	22.4	6.93	975	-10.1	1.40	249	97.81	0.35	0.61
11:32	0.25	5	23.1	6.95	968	-9.2	1.37	166	98.03	0.35	0.61
11:36	025	6	23.6	6.96	969	-5.2	1.24	91	98.54	0.35	0.61
11:40	0.25	7	23.8	6.96	963	-4.1	1.19	56	98.99	0.35	0.61
11:44	0.25	8	23.4	6.98	960	-4.2	1.18	55	98.99	0.35	0.61
11:48	0.25	9	23.5	6.97	960	-3.1	1.17	55	98.99	0.35	0.61

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Groundwater Monitoring Field Data Form

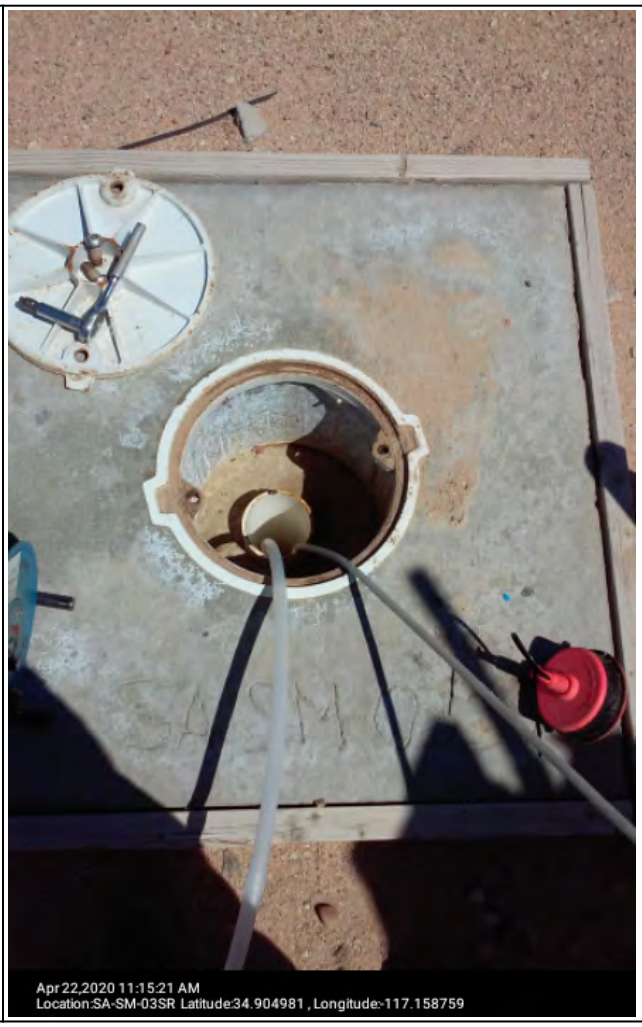
Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

CA-MW-412D2

Date	04/20/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	104.59
Water Quality Meter	YSI	Gallons in Well	6.16
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	142.36
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	135
Water Column in Well	37.77	Total Volume to Remove	6.16
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	11:15	MS/MSD Sample Time	
Sample ID	CA-MW-412D2-Q220	Double Filter Turbidity	4
Without Filter Turbidity	49	Post Sampling Turbidity	
		Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:50	0.25	1	23.2	7.52	679	64.1	1.24	65	105.69	0.31	0.56
10:54	0.25	2	23.5	7.40	712	66.1	3.49	49	105.69	0.31	0.56
10:58	0.25	3	23.7	7.39	700	67.1	4.59	48	105.69	0.31	0.56
11:02	0.25	4	23.8	7.37	700	70.1	5.21	4	105.69	0.31	0.56
11:06	0.25	5	24.1	7.36	701.	71.2	5.26	49	105.69	0.31	0.56
11:10	0.25	6	24.5	7.35	705	72.3	5.30	49	105.69	0.31	0.56
11:14	0.25	7	24.6	7.36	710	72.9	5.31	49	105.69	0.31	0.56

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

CA-MW-313R

Date	04/24/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	108.90
Water Quality Meter	YSI	Gallons in Well	3.33
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	114.01
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	112
Water Column in Well	5.11	Total Volume to Remove	3.33
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	09:15	MS/MSD Sample Time	
Sample ID	CA-MW-313R-Q220	Double Filter Turbidity	4
Without Filter Turbidity	26	Post Sampling Turbidity	
		Purge Date	04/24/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:58	0.25	1	21.5	7.09	1287	42.1	3.29	29	109.21	0.31	0.54
09:02	0.25	2	2	7.10	1287	45.1	3.17	28	109.21	0.31	0.54
09:06	0.25	3	22.1	7.12	1287	46.1	3.10	27	109.21	0.31	0.54
09:10	0.25	4	22.5	7.12	1290	46.2	3.04	26	109.21	0.31	0.54
09:14	0.25	5	22.6	7.11	1293	46.1	3.02	26	109.21	0.31	0.54

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-221S

Date	04/24/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	81.28
Water Quality Meter	YSI	Gallons in Well	9.22
Casing Material	PVC	Measured Well Depth (ft bmp)	95.41
Casing Diameter (in)	4	Odor	none
Water Column in Well	14.13	Pump Intake Depth (ft bmp)	91
		Total Volume to Remove	9.22
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	08:51	MS/MSD Sample Time	
Sample ID	MW-221S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/24/2020

Field Parameters

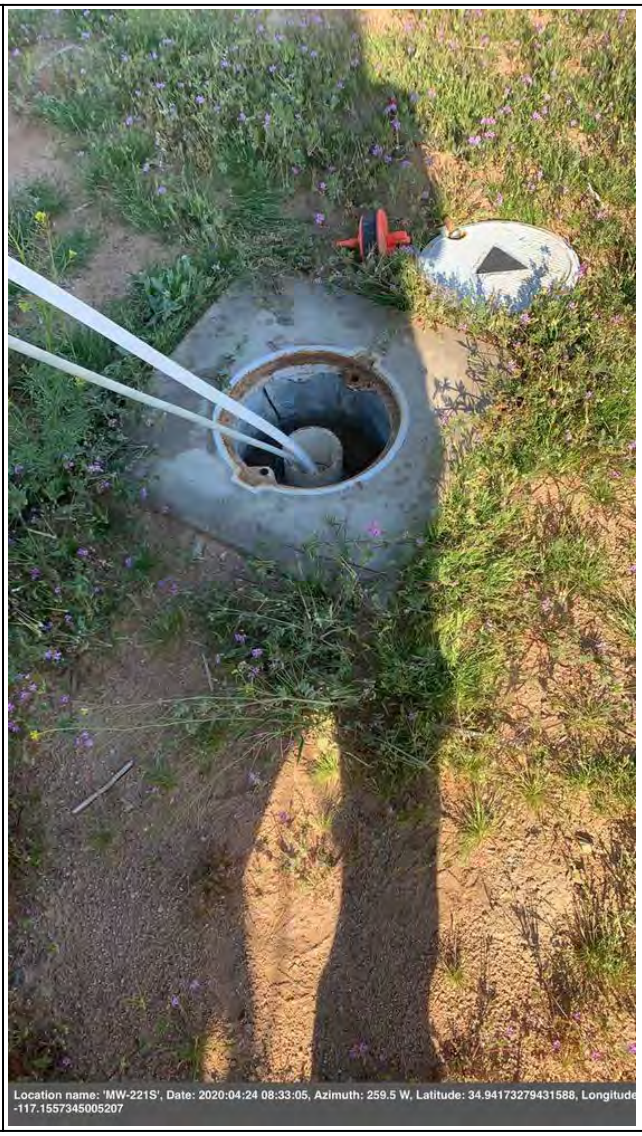
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:34	0.5	2	21.8	7.36	2018	58.1	3.71	60	81.64	1.03	1.31
08:38	0.5	4	21.9	7.31	2026	60.2	3.64	28	81.64	1.04	1.31
08:42	0.5	6	22.0	7.30	2024	62.7	3.62	9	81.64	1.04	1.32
08:46	0.5	8	22.2	7.26	2034	63.9	3.58	7	81.64	1.04	1.31
08:50	0.5	10	22.3	7.24	2032	65.0	3.56	6	81.64	1.04	1.31

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-219S1

Date	04/24/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	70.92
Water Quality Meter	YSI	Gallons in Well	12.15
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	89.54
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	85
Water Column in Well	18.62	Total Volume to Remove	12.15
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	11:37	MS/MSD Sample Time	
Sample ID	MW-219S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/24/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:15	0.5	2	22.7	7.28	462	68.3	1.73	45	71.15	0.23	0.31
11:19	0.5	4	23.6	7.30	461	64.6	1.66	22	71.15	0.23	0.31
11:23	0.5	6	24.1	7.57	466	52.1	2.29	10	71.16	0.23	0.31
11:27	0.5	8	24.1	7.59	466	52.9	2.47	6	71.16	0.23	0.31
11:31	0.5	10	24.2	7.59	466	53.0	2.58	6	71.17	0.23	0.31
11:35	0.5	12	24.3	7.58	467	53.9	2.55	6	71.17	0.23	0.31

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-179M

Date	04/21/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	102.71
Water Quality Meter	YSI	Gallons in Well	6.66
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	112.92
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	108
Water Column in Well	10.21	Total Volume to Remove	6.66
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	10:00	MS/MSD Sample Time	
Sample ID	MW-179M-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:44	0.5	1.5	19.6	7.12	883	47.8	5.36	24	104.33	0.49	0.64
09:47	0.5	3	21.1	7.23	923	45.3	4.88	11	104.36	0.49	0.64
09:50	0.5	4.5	22.1	7.24	948	52.9	4.62	8	104.38	0.49	0.64
09:53	0.5	6	22.3	7.24	946	55.9	4.55	7	104.38	0.49	0.65
09:56	0.5	7.5	22.5	7.23	955	59.0	4.53	7	104.38	0.50	0.65
09:59	0.5	9	22.5	7.23	958	60.9	4.53	7	104.38	0.49	0.66

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SC-IW-40

Date	04/24/2020	Sampler	Jacob m
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	101.93
Water Quality Meter	YSI	Gallons in Well	41.37
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	130.11
Casing Material	PVC	Odor	None
Casing Diameter (in)	6	Pump Intake Depth (ft bmp)	
Water Column in Well	28.18	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	11:01	MS/MSD Sample Time	
Sample ID	SC-IW-40-Q220	Double Filter Turbidity	1
Single Filter Turbidity	6	Post Sampling Turbidity	
Without Filter Turbidity	30	Purge Date	04/24/2020

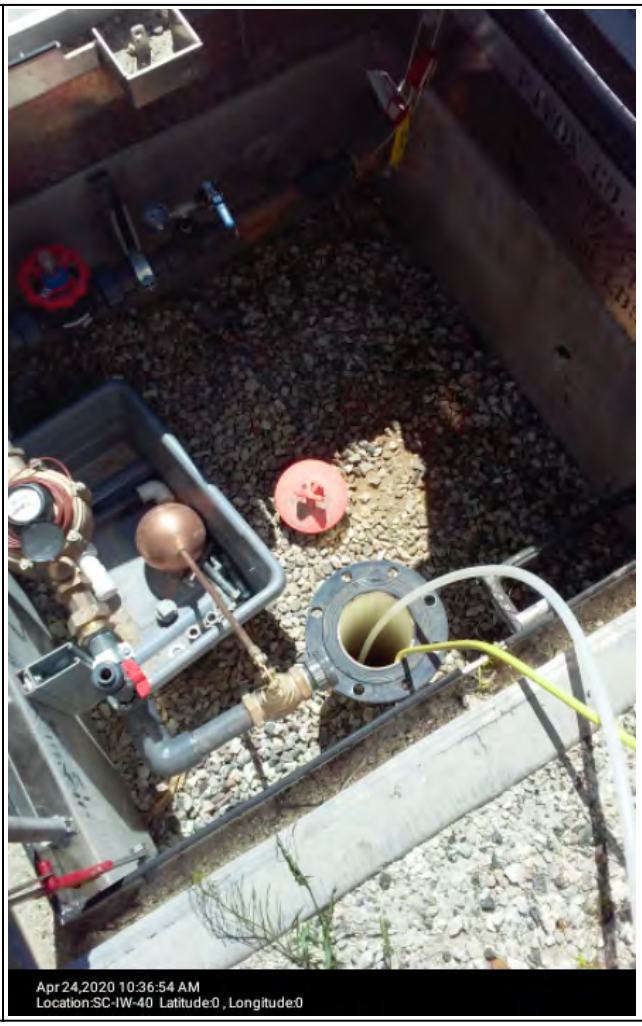
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:43	2	8	25.2	7.16	1366	106.8	0.74	240	102.00	0.68	0.88
10:47	2	16	25.3	7.14	1353	105.6	0.74	218	102.00	0.68	0.89
10:51	2	24	25.4	7.07	1366	102.5	0.70	30	102.00	0.68	0.88
10:55	2	32	25.3	7.06	1366	102.2	0.71	30	102.00	0.68	0.89
11:00	2	42	25.4	7.05	1365	102.1	0.70	30	102.00	0.68	0.89

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings



EX-24

Date	04/20/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-307S

Date	04/24/2020	Sampler	Josh
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	101.78
Water Column in Well	2.44	Gallons in Well	0.4
		Measured Well Depth (ft bmp)	104.22
Comments	Insufficient	Odor	
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/24/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:48											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 24,2020 11:45:46 AM
Location:~CA-MW-307S Latitude:34.915602 , Longitude:-117.161507

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-312D

Date	04/24/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	108.91
Water Quality Meter	YSI	Gallons in Well	5.83
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	144.65
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	132
Water Column in Well	35.74	Total Volume to Remove	5.83
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	08:32	MS/MSD Sample Time	
Sample ID	~CA-MW-312D-Q220	Double Filter Turbidity	4
Without Filter Turbidity	50	Post Sampling Turbidity	
		Purge Date	04/24/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:12	0.25	1	21.7	6.58	1506	-25.6	3.41	185	110.92	0.31	0.50
08:16	0.25	2	21.9	6.74	1507	-20.2	3.26	101	110.92	0.31	0.50
08:20	0.25	3	25.3	6.94	1508	-19.2	2.89	52	111.83	0.31	0
08:23	0.25	4	25.9	7.06	1524	-25.1	2.69	51	111.92	0.30	0.50
08:27	0.25	5	25.8	7.08	1530	-26.1	2.79	50	111.92	0.31	0.50
08:31	0.25	6	25.7	7.08	1534	-26.3	2.65	50	111.92	0.30	0.50

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-316

Date	04/24/2020	Sampler	J
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	98.35
Water Quality Meter	YSI	Gallons in Well	2.56
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	114.02
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	110
Water Column in Well	15.67	Total Volume to Remove	2.56
		EB Sample ID	EB-768-Q220
Did Well Dewater?	No	EB Time	12:40
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	12:37	MS/MSD Sample Time	
Sample ID	~CA-MW-316-Q220	Double Filter Turbidity	4
Without Filter Turbidity	38	Post Sampling Turbidity	
		Purge Date	04/24/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:20	0.25	1	21.6	6.96	1298	71.4	5.44	121	98.60	0.32	0.61
12:24	0.25	2	22.3	6.95	1248	75.6	5.49	84	98.60	0.32	0.61
12:28	0.25	3	22.9	6.95	1299	74.3	5.61	41	98.60	0.32	0.61
12:32	0.25	4	23.5	6.94	1304	74.9	5.65	39	98.60	0.32	0.61
12:36	0.25	5	24.0	6.95	1310	75.1	5.66	38	98.60	0.32	0.61

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-412D

Date	04/24/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	109.68
Water Quality Meter	YSI	Gallons in Well	1.66
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	119.85
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	115
Water Column in Well	10.17	Total Volume to Remove	1.66
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	10:05	MS/MSD Sample Time	
Sample ID	~CA-MW-412D-Q220	Double Filter Turbidity	4
Without Filter Turbidity	50	Post Sampling Turbidity	
		Purge Date	04/24/2020

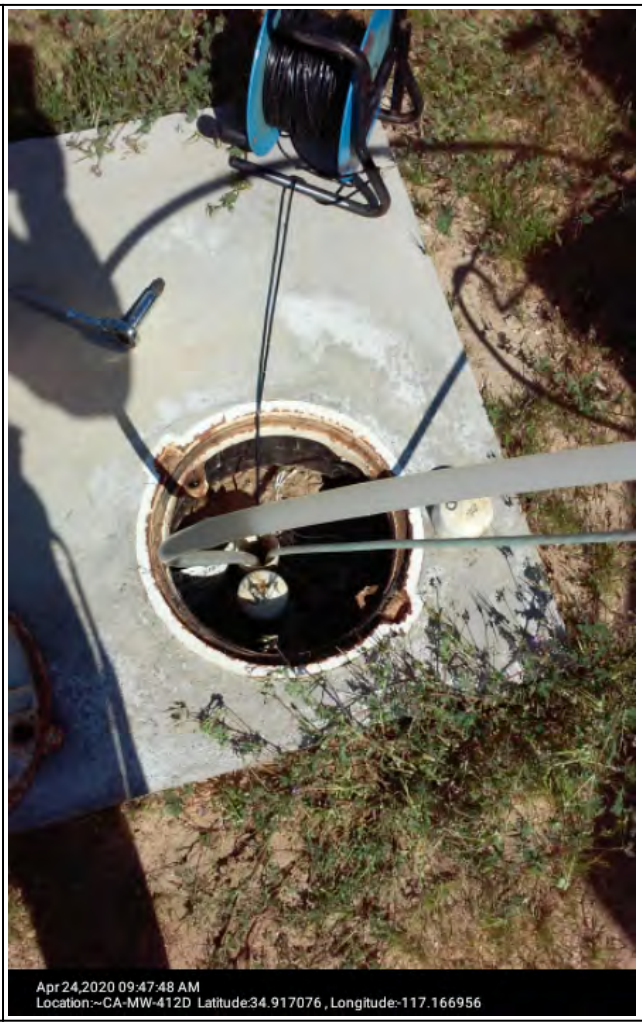
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:48	0.25	1	22.0	7.35	1358	32.4	3.64	303	110.94	0.32	0.56
09:52	0.25	2	21.9	7.31	1368	30.4	3.66	122	110.94	0.32	0.56
09:56	0.25	3	23.5	7.28	1363	31.2	3.27	53	110.94	0.32	0.56
10:00	0.25	4	25.4	7.27	1363	32.3	3.12	51	110.94	0.32	0.56
10:04	0.25	5	25.8	7.29	1365	32.1	3.10	50	110.94	0.32	0.56

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-03

Date	04/24/2020	Sampler	Jacob m
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/24/2020	EB Sample ID	
Sample Time	09:10	EB Time	
Sample ID	~EX-03-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	8	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/24/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:10	1	5	21.4	6.42	3733	103.4	1.26	8		1.97	2.42

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-16

Date	04/23/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	103.50
Water Quality Meter	YSI	Gallons in Well	12.70
Casing Material	PVC	Measured Well Depth (ft bmp)	115.96
Casing Diameter (in)	5	Odor	none
Water Column in Well	12.46	Pump Intake Depth (ft bmp)	112
		Total Volume to Remove	12.70
Comments	Rf2	EB Sample ID	EB-763-Q220
Did Well Dewater?	No	EB Time	15:20
Sample Date	04/23/2020	MS/MSD Sample ID	
Sample Time	15:03	MS/MSD Sample Time	
Sample ID	~EX-16-Q220	Double Filter Turbidity	2
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	23	Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:38	0.5	2	22.1	7.32	1253	45.0	2.15	129	104.97	0.63	0.81
14:42	0.5	4	23.2	7.32	1233	49.7	2.67	64	105.00	0.63	0.81
14:46	0.5	6	23.2	7.33	1209	51.2	2.84	36	105.01	0.63	0.81
14:50	0.5	8	23.3	7.35	1185	53.0	2.91	28	105.01	0.63	0.81
14:54	0.5	10	23.3	7.36	1156	54.1	2.95	25	105.01	0.63	0.81
14:58	0.5	12	23.4	7.37	1138	56.4	3.00	23	105.01	0.63	0.81
15:02	0.5	14	23.5	7.39	1122	57.9	3.06	23	105.02	0.63	0.81

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-17

Date	04/23/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	101.71
Water Quality Meter	YSI	Gallons in Well	22.93
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	117.33
Casing Material	PVC	Odor	None
Casing Diameter (in)	6	Pump Intake Depth (ft bmp)	114
Water Column in Well	15.62	Total Volume to Remove	22.93
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/23/2020	MS/MSD Sample ID	
Sample Time	15:23	MS/MSD Sample Time	
Sample ID	~EX-17-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:01	1	4	23.0	7.43	422	-1.6	0.77	77	101.79	0.21	0.20
15:05	1	8	24.1	7.44	432	6.5	0.32	52	101.80	0.21	0.20
15:09	1	12	24.0	7.49	430	3.8	0.26	21	101.80	0.21	0.20
15:13	1	16	23.9	7.53	429	4.1	0.18	8	101.80	0.21	0.20
15:17	1	20	23.9	7.52	427	8.8	0.05	8	101.80	0.21	0.20
15:21	1	24	23.8	7.53	427	10.2	0.10	8	101.80	0.21	0.20

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-23

Date	04/24/2020	Sampler	Jacob m
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	86.86
Water Quality Meter	YSI	Gallons in Well	43.98
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	130
Casing Material	PVC	Odor	None
Casing Diameter (in)	5	Pump Intake Depth (ft bmp)	
Water Column in Well	43.14	Total Volume to Remove	
		EB Sample ID	EB-769-Q220
Did Well Dewater?	No	EB Time	12:20
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	11:51	MS/MSD Sample Time	
Sample ID	~EX-23-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-902-Q220	Post Sampling Turbidity	
Dup Sample Time	12:06	Purge Date	04/24/2020
Single Filter Turbidity	1		
Without Filter Turbidity	3		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:32	2	8	21	6.94	3843	99.3	0.86	5	86.92	2.04	2.5
11:36	2	16	21.8	6.87	3870	100.3	0.82	3	86.92	2.05	2.51
11:40	2	24	22.3	6.87	3913	99.6	0.81	3	86.92	2.07	2.54
11:45	2	34	22.5	6.87	3933	98.8	0.81	3	86.92	2.08	2.55
11:50	2	44	22.4	6.85	3935	97.5	0.79	3	86.92	2.08	2.55

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-39

Date	04/24/2020	Sampler	Jacob m
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Casing Diameter (in)	5	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	04/24/2020	EB Sample ID	
Sample Time	09:45	EB Time	
Sample ID	~EX-39-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	4	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/24/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:45	1	5	20.7	6.89	1370	109.6	0.96	4		0.69	0.89

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~G-1R

Date	04/23/2020	Sampler	Jacob m
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	82.80
Water Quality Meter	YSI	Gallons in Well	209.3
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	163.00
Casing Material	PVC	Odor	None
Casing Diameter (in)	8	Pump Intake Depth (ft bmp)	
Water Column in Well	80.2	Total Volume to Remove	
		EB Sample ID	EB-765-Q220
Did Well Dewater?	No	EB Time	13:00
Sample Date	04/23/2020	MS/MSD Sample ID	
Sample Time	10:28	MS/MSD Sample Time	
Sample ID	~G-1R-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:55	5	50	19.7	6.38	4524	-92	1.01	6	82.92	2.43	2.84
10:05	5	100	19.9	6.41	4525	-94.1	0.94	4	82.92	2.43	2.84
10:15	5	150	20.2	6.43	4529	-95.2	0.95	4	82.92	2.43	2.84
10:25	5	200	20.3	6.44	4532	-96.2	0.90	4	82.92	2.43	2.84
10:27	5	210	20.4	6.45	4539	-98.6	0.91	3	82.93	2.44	2.85

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-01

Date	04/22/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	86.09
Water Quality Meter	YSI	Gallons in Well	17.98
Casing Material	PVC	Measured Well Depth (ft bmp)	107.87
Casing Diameter (in)	4.5	Odor	none
Water Column in Well	21.78	Pump Intake Depth (ft bmp)	104
		Total Volume to Remove	17.98
Did Well Dewater?	No	EB Sample ID	EB-761-Q220
Sample Date	04/22/2020	EB Time	15:10
Sample Time	14:55	MS/MSD Sample ID	
Sample ID	~MW-01-Q220	MS/MSD Sample Time	
Single Filter Turbidity	1	Double Filter Turbidity	
Without Filter Turbidity	1	Post Sampling Turbidity	
		Purge Date	04/22/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:42	0.1	0.4	21.9	7.01	1050	43.5	3.67	1	86.22	0.52	0.68
14:45	0.1	0.7	21.8	7.01	1048	44.8	3.70	1	86.22	0.52	0.68
14:48	0.1	1.0	21.8	7.01	1047	45.9	3.70	1	86.22	0.52	0.68
14:51	0.1	1.3	21.9	7.01	1044	47.1	3.68	1	86.22	0.52	0.68
14:54	0.1	1.6	21.8	7.00	1043	47.7	3.71	1	86.22	0.52	0.67

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-03

Date	04/22/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	107.42
Water Quality Meter	YSI	Gallons in Well	13.24
Casing Material	PVC	Measured Well Depth (ft bmp)	127.71
Casing Diameter (in)	4	Odor	none
Water Column in Well	20.29	Pump Intake Depth (ft bmp)	122
		Total Volume to Remove	13.24
Comments	DEDICATED QED BLADDER	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/22/2020	MS/MSD Sample ID	
Sample Time	08:46	MS/MSD Sample Time	
Sample ID	~MW-03-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/22/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:33	0.1	0.5	18.3	7.38	1021	90.0	4.79	9	107.51	0.51	0.66
08:36	0.1	0.8	18.4	7.33	1020	88.0	4.76	8	107.51	0.51	0.66
08:39	0.1	1.1	18.5	7.31	1019	87.2	4.73	8	107.51	0.51	0.66
08:42	0.1	1.4	18.5	7.30	1015	86.4	4.72	7	107.51	0.51	0.66
08:45	0.1	1.7	18.5	7.29	1015	85.9	4.72	7	107.51	0.51	0.66

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-10

Date	04/20/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	0
Purge Volume Units	Ml	Depth to Water (ft bmp)	104.84
Water Quality Meter	YSI	Gallons in Well	17.08
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	131.02
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	126
Water Column in Well	26.18	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/20/2020	MS/MSD Sample ID	
Sample Time	13:50	MS/MSD Sample Time	
Sample ID	~MW-10-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:33	500	2000	19.6	6.71	1203	92.3	2.21	7	104.90	0.68	0.88
13:37	500	4000	20.1	6.95	1197	97.4	2.00	5	104.90	0.66	0.85
13:41	500	6000	20.5	6.96	1194	103.4	1.75	4	104.91	0.65	0.85
13:45	500	8000	20.6	6.95	1195	105.0	1.69	4	104.90	0.66	0.85
13:49	500	10000	20.6	6.94	1198	106.4	1.61	4	104.94	0.66	0.85

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?			X	
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-100C

Date	04/23/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	98.19
Water Quality Meter	YSI	Gallons in Well	4.19
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	123.85
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	120
Water Column in Well	25.66	Total Volume to Remove	4.19
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/23/2020	MS/MSD Sample ID	
Sample Time	11:58	MS/MSD Sample Time	
Sample ID	~MW-100C-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	18	Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:38	0.25	1	23.6	6.81	2644	-15.2	4.05	59	104.53	0.39	0.52
11:42	0.25	2	24.2	6.70	2640	-5.4	3.90	75	104.53	0.39	0.52
11:49	0.25	3	25.6	6.72	2655	-8.2	4.68	19	104.53	0.39	0.52
11:53	0.25	4	26.1	6.74	2654	-10.7	4.69	19	104.53	0.39	0.52
11:57	0.25	5	26.2	6.75	2654	-11.0	4.70	18	104.53	0.39	0.52

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~MW-133S1

Date	04/20/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	71.81
Water Quality Meter	YSI	Gallons in Well	1.95
Sampling Type	Grab Sample	Measured Well Depth (ft bmp)	79.48
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	78
Water Column in Well	7.67	Total Volume to Remove	0.0
		EB Sample ID	
Comments	Grab Sample, dewatered 02/07	EB Time	
Did Well Dewater?	Yes	MS/MSD Sample ID	
Sample Date	04/20/2020	MS/MSD Sample Time	
Sample Time	14:45	Double Filter Turbidity	1
Sample ID	~MW-133S1-Q220	Post Sampling Turbidity	
Single Filter Turbidity	2	Purge Date	04/20/2020
Without Filter Turbidity	23		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:45	1	5	23.2	7.74	405	122.1	4.40	23	71.81	0.20	0.27

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Apr 20,2020 02:46:06 PM
Location:~MW-133S1 Latitude:34.978187 , Longitude:-117.175795

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-141S2

Date	04/24/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	70.99
Water Quality Meter	YSI	Gallons in Well	10.98
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	114.06
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	109
Water Column in Well	43.07	Total Volume to Remove	10.98
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	12:12	MS/MSD Sample Time	
Sample ID	~MW-141S2-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/24/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:51	0.5	2	22.2	7.63	435	69.6	3.76	159	71.56	0.22	0.30
11:55	0.5	4	23.1	7.46	445	79.7	3.42	72	71.57	0.22	0.30
11:59	0.5	6	23.6	7.59	448	75.0	3.31	14	71.58	0.22	0.30
12:03	0.5	8	23.5	7.62	449	74.1	3.28	9	71.58	0.22	0.30
12:07	0.5	10	23.6	7.63	448	73.8	3.24	9	71.58	0.22	0.30
12:11	0.5	12	23.5	7.62	450	74.3	3.36	9	71.60	0.22	0.30

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-154S1

Date	04/20/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	0
Purge Volume Units	Gal	Depth to Water (ft bmp)	70.29
Water Quality Meter	YSI	Gallons in Well	9.67
Sampling Type	Grab Sample	Measured Well Depth (ft bmp)	85.11
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	84
Water Column in Well	14.82	Total Volume to Remove	0.0
		EB Sample ID	
Did Well Dewater?	Yes	EB Time	
Sample Date	04/20/2020	MS/MSD Sample ID	
Sample Time	14:20	MS/MSD Sample Time	
Sample ID	~MW-154S1-Q220	Double Filter Turbidity	1
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	44	Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:20	0	0	24.8	8.23	448	102.3	4.29	44	70.29	0.44	1.21

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 20,2020 02:19:51 PM
Location:~MW-154S1 Latitude:34.978689 , Longitude:-117.171426

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-166S1

Date	04/24/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	60.02
Water Quality Meter	YSI	Gallons in Well	11.01
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	76.89
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	71
Water Column in Well	16.87	Total Volume to Remove	11.01
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	10:38	MS/MSD Sample Time	
Sample ID	~MW-166S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/24/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:17	0.5	2	22.8	8.15	789	40.1	1.87	3	60.18	0.41	0.54
10:21	0.5	4	24.3	7.97	816	58.3	1.11	3	60.19	0.41	0.54
10:25	0.5	6	24.5	8.04	822	60.6	0.88	3	60.20	0.41	0.54
10:29	0.5	8	24.5	8.11	816	61.5	0.68	3	60.20	0.41	0.54
10:32	0.5	10	24.4	8.12	814	64.0	0.66	3	60.21	0.40	0.54
10:36	0.5	12	24.4	8.12	815	64.5	0.66	3	60.22	0.40	0.54

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-179D

Date	04/21/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	102.02
Water Quality Meter	YSI	Gallons in Well	10.25
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	142.22
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	137
Water Column in Well	40.2	Total Volume to Remove	10.25
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	10:38	MS/MSD Sample Time	
Sample ID	~MW-179D-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	10	Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:18	0.5	1.5	19.6	7.43	724	64.9	5.89	44	102.11	0.39	0.52
10:21	0.5	3	20.0	7.34	727	72.2	5.41	32	102.11	0.39	0.52
10:24	0.5	4.5	21.8	7.37	752	72.7	5.23	21	102.11	0.39	0.52
10:27	0.5	6	22.3	7.47	755	69.9	5.14	14	102.11	0.39	0.52
10:30	0.5	7.5	22.4	7.48	757	70.9	5.12	10	102.41	0.39	0.52
10:33	0.5	9	22.5	7.48	757	71.5	5.03	10	102.11	0.39	0.52
10:36	0.5	10.5	22.3	7.48	757	71.9	5.11	10	102.41	0.39	0.52

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-179S

Date	04/21/2020	Sampler	
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	0
Casing Diameter (in)	4	Depth to Water (ft bmp)	101.71
Water Column in Well	1.12	Gallons in Well	0.73
		Measured Well Depth (ft bmp)	102.83
Comments	Well is insufficient	Odor	
Did Well Dewater?	NA	Pump Intake Depth (ft bmp)	
		Total Volume to Remove	0.0
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:13											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 21,2020 10:12:53 AM
Location:~MW-179S Latitude:34.906003 , Longitude:-117.154

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-192D

Date	04/23/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/23/2020

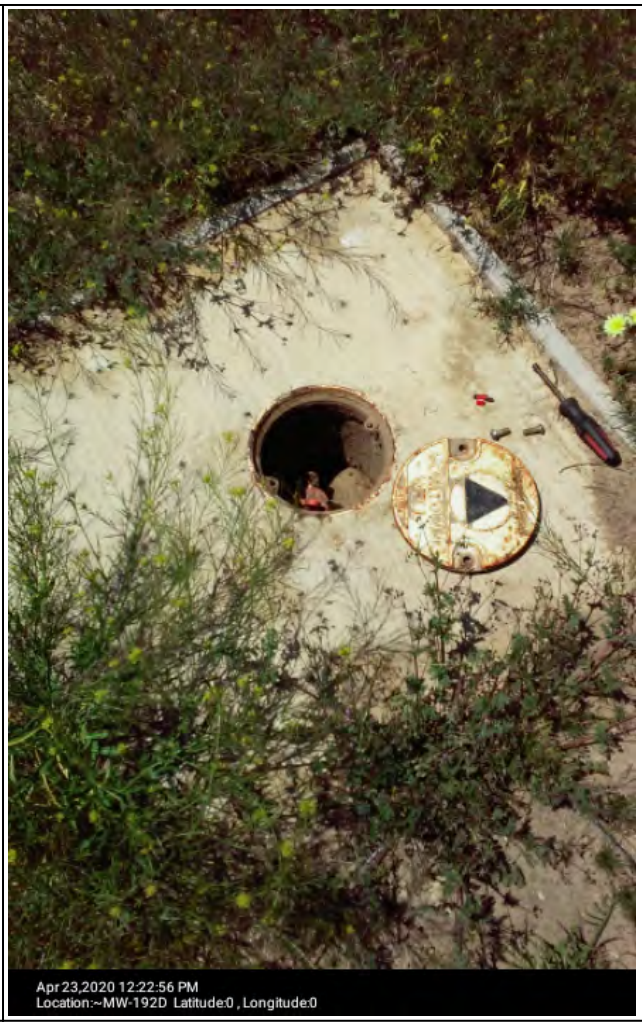
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings


Apr 23,2020 12:22:56 PM
Location:~MW-192D Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-192S

Date	04/23/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/23/2020

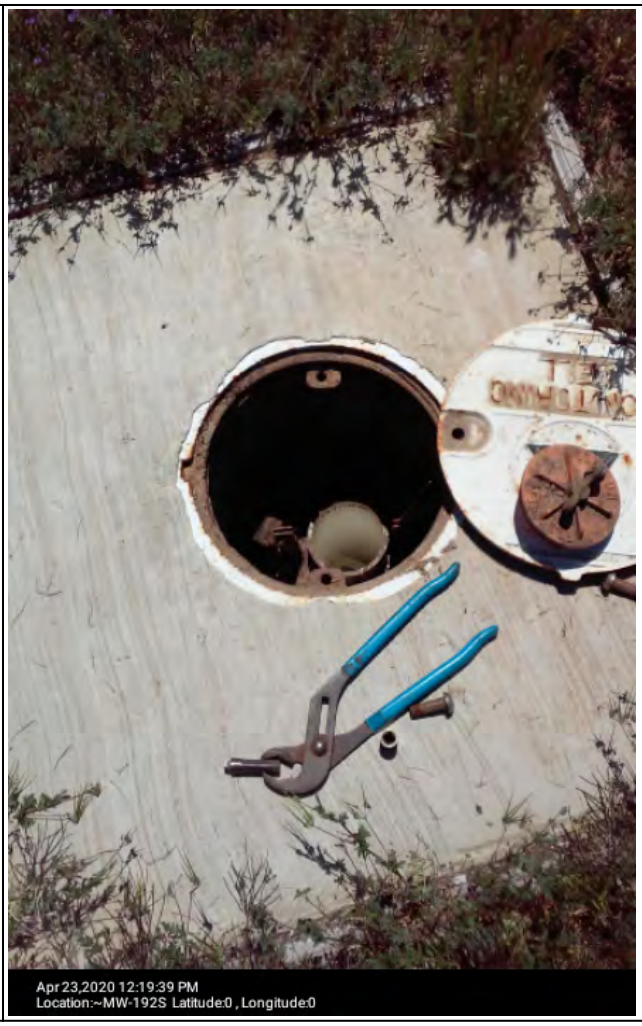
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings


Apr 23,2020 12:19:39 PM
Location:~MW-192S Latitude:0 , Longitude:0

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-194S1

Date	04/24/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	3
Purge Volume Units	Gal	Depth to Water (ft bmp)	77.51
Water Quality Meter	YSI	Gallons in Well	12.85
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	97.21
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	96
Water Column in Well	19.7	Total Volume to Remove	38.55
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	09:03	MS/MSD Sample Time	
Sample ID	~MW-194S1-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/24/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:05	1	4	21.6	8.16	664	-78.7	1.07	493	80.41	0.35	0.46
08:09	1	8	22.2	8.12	659	-74.9	1.33	79	83.55	0.34	0.46
08:13	1	12	24.1	8.10	677	-67.2	1.54	24	85.17	0.33	0.45
08:17	1	16	23.4	8.05	664	-53.3	1.76	7	87.13	0.33	0.45
08:21	1	20	23.5	8.02	664	-49.2	1.86	7	90.15	0.33	0.45
08:31	0.5	25	23.4	7.91	661	-34.2	1.95	8	91.23	0.33	0.44
08:41	0.5	30	23.4	7.83	659	-30.2	2.05	8	92.14	0.33	0.44
08:51	0.5	35	24.0	7.80	645	-24.9	2.11	8	93.46	0.33	0.44
09:01	0.5	40	24.1	7.79	638	-21.5	2.09	8	94.76	0.33	0.44

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?		X		
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~MW-20

Date	04/22/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	90.69
Water Quality Meter	YSI	Gallons in Well	16.83
Casing Material	PVC	Measured Well Depth (ft bmp)	111.07
Casing Diameter (in)	4.5	Odor	none
Water Column in Well	20.38	Pump Intake Depth (ft bmp)	107
		Total Volume to Remove	16.83
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/22/2020	MS/MSD Sample ID	
Sample Time	10:53	MS/MSD Sample Time	
Sample ID	~MW-20-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-939-Q220	Post Sampling Turbidity	
Dup Sample Time	11:03	Purge Date	04/22/2020
Single Filter Turbidity	2		
Without Filter Turbidity	7		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:32	0.75	3	20.3	7.07	1106	58.0	4.13	10	96.47	0.55	0.73
10:36	0.75	6	20.8	7.08	1136	54.8	3.98	9	96.78	0.55	0.73
10:40	0.75	9	20.9	7.08	1121	52.8	3.94	9	96.93	0.55	0.73
10:44	0.75	12	21.0	7.08	1143	51.7	3.95	8	97.12	0.55	0.73
10:48	0.75	15	21.0	7.08	1137	50.8	3.90	8	97.20	0.55	0.73
10:52	0.75	18	21.2	7.08	1141	49.9	3.87	7	97.28	0.55	0.73

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-31

Date	04/23/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	99.11
Water Quality Meter	YSI	Gallons in Well	18.27
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	127.11
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	125
Water Column in Well	28.0	Total Volume to Remove	18.27
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/23/2020	MS/MSD Sample ID	
Sample Time	08:22	MS/MSD Sample Time	
Sample ID	~MW-31-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:05	1	4	19.0	6.41	4351	-9.6	5.85	6	99.52	0.38	0.59
08:09	1	8	20.2	6.57	4373	-17.5	5.66	6	99.52	0.38	0.59
08:13	1	12	20.3	6.61	4376	-18.1	5.64	6	99.52	0.38	0.59
08:17	1	16	20.4	6.64	4382	-21.2	5.67	6	99.52	0.38	0.59
08:21	1	20	21.1	6.65	4391	-22.3	5.68	6	99.52	0.38	0.59

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?		X		
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley
Hinkley, CA

Project Number:
RC000699.0801

~MW-36

Date	04/23/2020	Sampler	Brian
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	4	Depth to Water (ft bmp)	109.11
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: '–MW-36', Date: 2020:04:23 13:16:10, Azimuth: 66.8 NE, Latitude: 34.90741568769699, Longitude: -117.1639682025909

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-39

Date	04/22/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	88.32
Water Quality Meter	YSI	Gallons in Well	9.02
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	102.15
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	99
Water Column in Well	13.83	Total Volume to Remove	9.02
		EB Sample ID	EB-760-Q220
Did Well Dewater?	No	EB Time	15:50
Sample Date	04/22/2020	MS/MSD Sample ID	
Sample Time	15:30	MS/MSD Sample Time	
Sample ID	~MW-39-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/22/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:13	0.5	2	22.4	6.55	975	-31.2	0.57	14	89.28	0.35	0.62
15:17	0.5	4	22.6	6.49	969	-30.1	0.55	12	89.28	0.35	0.62
15:21	0.5	6	23.1	6.45	973	-28.1	0.58	9	89.28	0.35	0.62
15:25	0.5	8	24.5	6.53	987	-19.2	0.47	9	89.28	0.35	0.62
15:29	0.5	10	24.7	6.57	978	-15.2	0.45	9	89.28	0.35	0.62

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-39D

Date	04/23/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	85.69
Water Quality Meter	YSI	Gallons in Well	9.41
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	122.61
Casing Material	PVC	Odor	None
Casing Diameter (in)	2.5	Pump Intake Depth (ft bmp)	118
Water Column in Well	36.92	Total Volume to Remove	9.41
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/23/2020	MS/MSD Sample ID	
Sample Time	11:55	MS/MSD Sample Time	
Sample ID	~MW-39D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:38	0.5	2	21.6	6.91	907	-24.9	0.59	22	85.88	0.47	0.62
11:42	0.5	4	23.1	6.81	915	-30.6	0.44	11	85.90	0.47	0.68
11:46	0.5	6	23.7	6.87	941	-40.8	0.30	6	85.90	0.48	0.63
11:50	0.5	8	23.7	6.87	940	-39.0	0.28	6	85.91	0.48	0.63
11:54	0.5	10	23.7	6.85	941	-36.7	0.31	6	85.90	0.48	0.6

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-43

Date	04/23/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	99.43
Water Quality Meter	YSI	Gallons in Well	22.63
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	134.12
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	130
Water Column in Well	34.69	Total Volume to Remove	22.63
		EB Sample ID	EB-764-Q220
Did Well Dewater?	No	EB Time	15:40
Sample Date	04/23/2020	MS/MSD Sample ID	
Sample Time	15:15	MS/MSD Sample Time	
Sample ID	~MW-43-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:54	1	4	22.5	6.62	4310	45.2	5.47	5	100.26	0.39	0.55
14:58	1	8	22.6	6.60	4302	40.2	5.40	5	100.26	0.39	0.55
15:02	1	12	22.6	6.61	4307	39.8	5.36	5	100.26	0.39	0.55
15:06	1	16	22.8	6.64	4310	37.2	5.30	5	100.26	0.39	0.55
15:10	1	20	22.9	6.65	4314	35.2	5.29	5	100.26	0.39	0.55
15:14	1	24	22.8	6.65	4311	35.1	5.27	5	100.26	0.39	0.55

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-63

Date	04/23/2020	Sampler	Josh
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	4	Depth to Water (ft bmp)	88.70
Water Column in Well	1.93	Gallons in Well	1.26
		Measured Well Depth (ft bmp)	90.63
Comments	Insufficient	Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:16											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 23,2020 02:13:39 PM
Location:~MW-63 Latitude:34.935976 , Longitude:-117.16705

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-66A

Date	04/24/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	93.52
Water Quality Meter	YSI	Gallons in Well	9.34
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	107.83
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	102
Water Column in Well	14.31	Total Volume to Remove	9.34
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	09:50	MS/MSD Sample Time	
Sample ID	~MW-66A-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/24/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:33	0.5	1.5	21.9	7.11	1248	5.3	6.44	14	93.64	0.66	0.86
09:36	0.5	3	23.4	7.21	1285	16.1	5.70	7	93.65	0.66	0.86
09:39	0.5	4.5	23.6	7.27	1291	17.4	5.61	5	93.65	0.66	0.86
09:42	0.5	6	24.0	7.30	1299	23.1	5.54	5	93.65	0.66	0.86
09:45	0.5	7.5	24.1	7.30	1304	26.3	5.52	5	93.65	0.66	0.86
09:49	0.5	9.5	24.3	7.30	1307	28.0	5.44	5	93.66	0.66	0.86

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-75D

Date	04/24/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	106.61
Water Quality Meter	YSI	Gallons in Well	2.47
Casing Material	PVC	Measured Well Depth (ft bmp)	121.73
Casing Diameter (in)	2	Odor	none
Water Column in Well	15.12	Pump Intake Depth (ft bmp)	117
		Total Volume to Remove	2.47
Comments	QED BLADDER	EB Sample ID	EB-767-Q220
Did Well Dewater?	No	EB Time	12:50
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	11:50	MS/MSD Sample Time	
Sample ID	~MW-75D-Q220	Double Filter Turbidity	1
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	46	Purge Date	04/24/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:21	0.1	0.4	24.2	7.45	796	55.7	3.12	195	106.68	0.39	0.52
11:25	0.1	0.8	24.1	7.48	831	56.9	3.14	124	106.68	0.40	0.53
11:29	0.1	1.2	24.2	7.46	820	57.4	3.15	90	106.68	0.40	0.53
11:33	0.1	1.6	24.2	7.45	826	58.0	3.15	66	106.68	0.40	0.53
11:37	0.1	2.0	24.4	7.45	825	58.6	3.16	52	106.68	0.40	0.53
11:41	0.1	2.4	24.2	7.45	827	59.3	3.17	46	106.68	0.40	0.53
11:45	0.1	2.8	24.2	7.45	826	59.9	3.18	48	106.68	0.40	0.53
11:49	0.1	3.2	24.4	7.44	829	60.8	3.19	46	106.68	0.40	0.53

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-83D

Date	04/23/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	87.40
Water Quality Meter	YSI	Gallons in Well	5.17
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	119.10
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	115
Water Column in Well	31.7	Total Volume to Remove	5.17
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/23/2020	MS/MSD Sample ID	
Sample Time	09:35	MS/MSD Sample Time	
Sample ID	~MW-83D-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	21	Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:14	0.25	1	21.2	6.62	5138	-10.2	2.75	772	87.60	0.35	0.61
09:18	0.25	2	22.9	6.57	5139	-15.2	2.54	187	87.60	0.35	0.61
09:22	0.25	3	23.5	6.58	5175	-14.7	2.54	51	87.60	0.35	0.61
09:26	0.25	4	23.7	6.57	5192	-13.1	2.55	22	87.60	0.35	0.61
09:30	0.25	5	23.6	6.56	5184	-13.5	2.59	22	87.60	0.35	0.61
09:34	0.25	6	23.8	6.56	5199	-12.1	2.46	21	87.60	0.35	0

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Groundwater Monitoring Field Data Form

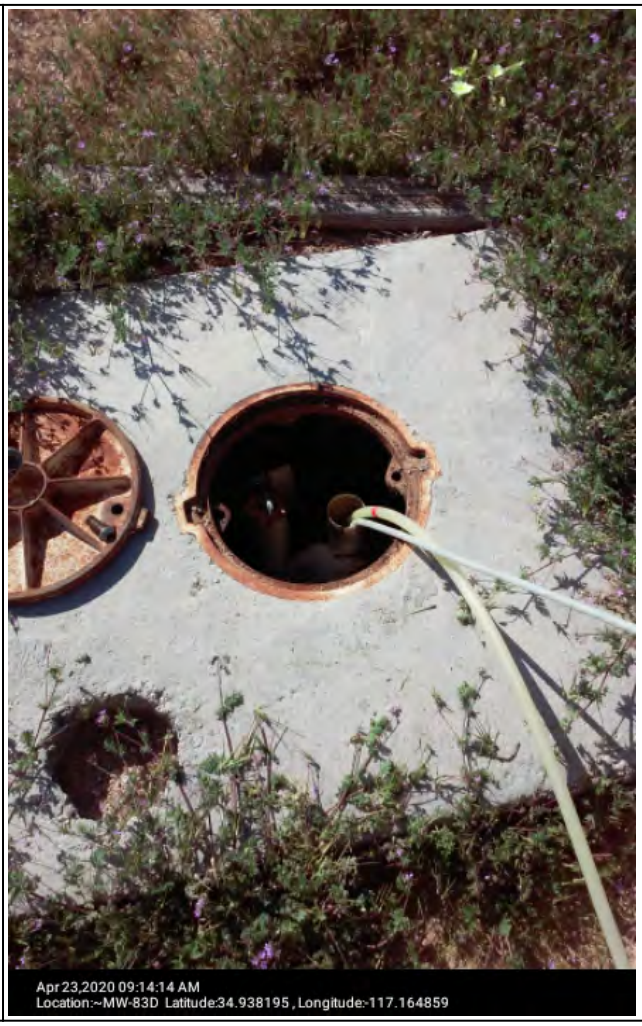
Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-83S

Date	04/23/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Volume Units	Gal	Casing Volume to Remove	1
Water Quality Meter	YSI	Depth to Water (ft bmp)	87.46
Sampling Type	Low Flow – Grundfos RF2	Gallons in Well	1.53
Casing Material	PVC	Measured Well Depth (ft bmp)	96.82
Casing Diameter (in)	2	Odor	None
Water Column in Well	9.36	Pump Intake Depth (ft bmp)	95
		Total Volume to Remove	1.53
Did Well Dewater?	No	EB Sample ID	
Sample Date	04/23/2020	EB Time	
Sample Time	10:22	MS/MSD Sample ID	
Sample ID	~MW-83S-Q220	MS/MSD Sample Time	
Without Filter Turbidity	55	Double Filter Turbidity	4
		Post Sampling Turbidity	
		Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:05	0.25	1	21.9	6.68	4876	-22.4	3.12	195	88.40	0.36	0.62
10:09	0.25	2	23.2	6.61	4841	-19.2	3.53	168	88.40	0.36	0.62
10:13	0.25	3	25.7	6.62	4874	-18.5	3.12	61	88.40	0.36	0.62
10:17	0.25	4	26.1	6.61	4895	-18.9	3.02	58	88.40	0.36	0.62
10:21	0.25	5	26.2	6.62	4875	-18.2	3.05	55	88.40	0.36	0.62

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~PMW-02

Date	04/23/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	104.62
Water Quality Meter	YSI	Gallons in Well	18.84
Casing Material	PVC	Measured Well Depth (ft bmp)	123.10
Casing Diameter (in)	5	Odor	none
Water Column in Well	18.48	Pump Intake Depth (ft bmp)	119
		Total Volume to Remove	18.84
Comments	Dedicated Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/23/2020	MS/MSD Sample ID	
Sample Time	12:34	MS/MSD Sample Time	
Sample ID	~PMW-02-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:17	1	4	22.1	7.35	851	55.6	3.62	7	104.91	0.42	0.55
12:21	1	8	22.3	7.34	849	55.0	3.57	6	104.91	0.42	0.55
12:25	1	12	22.4	7.33	846	54.1	3.55	5	104.91	0.42	0.55
12:29	1	16	22.4	7.32	847	53.7	3.54	5	104.91	0.42	0.55
12:33	1	20	22.5	7.30	849	52.6	3.52	4	104.91	0.42	0.55

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~PMW-03

Date	04/23/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	102.32
Water Quality Meter	YSI	Gallons in Well	21.28
Casing Material	PVC	Measured Well Depth (ft bmp)	123.19
Casing Diameter (in)	5	Odor	none
Water Column in Well	20.87	Pump Intake Depth (ft bmp)	119
		Total Volume to Remove	21.28
Did Well Dewater?	No	EB Sample ID	
Sample Date	04/23/2020	EB Time	
Sample Time	11:41	MS/MSD Sample ID	
Sample ID	~PMW-03-Q220	MS/MSD Sample Time	
Single Filter Turbidity	1	Double Filter Turbidity	1
Without Filter Turbidity	22	Post Sampling Turbidity	
		Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:20	1	4	21.2	7.15	1019	59.7	2.48	37	106.70	0.51	0.66
11:24	1	8	21.4	7.16	1047	62.5	2.81	31	106.70	0.52	0.68
11:28	1	12	21.5	7.15	1093	65.6	2.94	27	106.70	0.51	0.66
11:32	1	16	21.6	7.18	1103	68.4	3.01	24	106.70	0.52	0.68
11:36	1	20	21.6	7.19	1117	70.1	3.07	23	106.70	0.51	0.66
11:40	1	24	21.6	7.20	1130	73.2	3.13	22	106.70	0.52	0.68

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~PMW-04

Date	04/23/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	93.00
Water Quality Meter	YSI	Gallons in Well	21.75
Casing Material	PVC	Measured Well Depth (ft bmp)	114.34
Casing Diameter (in)	5	Odor	none
Water Column in Well	21.34	Pump Intake Depth (ft bmp)	109
		Total Volume to Remove	21.75
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/23/2020	MS/MSD Sample ID	
Sample Time	10:37	MS/MSD Sample Time	
Sample ID	~PMW-04-Q220	Double Filter Turbidity	1
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	48	Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:08	1	4	21.2	6.98	1209	73.7	3.86	105	96.83	0.60	0.78
10:12	1	8	21.6	6.99	1213	69.3	3.75	84	96.83	0.60	0.78
10:16	1	12	21.7	6.98	1213	67.2	3.72	71	96.83	0.60	0.78
10:20	1	16	21.8	6.98	1209	65.9	3.70	57	96.83	0.60	0.78
10:24	1	20	22.0	6.98	1198	64.2	3.75	51	96.83	0.60	0.78
10:28	1	24	22.0	6.99	1196	62.5	3.64	49	96.83	0.60	0.78
10:32	1	28	22.0	7.00	1192	62.0	3.63	48	96.83	0.60	0.78
10:36	1	32	22.0	7.00	1190	61.5	3.63	48	96.83	0.60	0.78

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~PMW-05

Date	04/23/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	93.53
Water Quality Meter	YSI	Gallons in Well	19.72
Casing Material	PVC	Measured Well Depth (ft bmp)	112.87
Casing Diameter (in)	5	Odor	none
Water Column in Well	19.34	Pump Intake Depth (ft bmp)	110
		Total Volume to Remove	19.72
Comments	Dedicated rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/23/2020	MS/MSD Sample ID	
Sample Time	09:30	MS/MSD Sample Time	
Sample ID	~PMW-05-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	2	Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:13	1	4	22.5	6.99	1280	58.4	3.54	2	94.18	0.64	0.83
09:17	1	8	22.6	6.99	1268	57.8	3.49	2	94.18	0.64	0.82
09:21	1	12	22.6	6.99	1263	56.6	3.47	2	94.18	0.64	0.83
09:25	1	16	22.7	6.98	1255	55.7	3.46	2	94.18	0.63	0.81
09:29	1	20	22.8	6.98	1236	54.8	3.44	2	94.18	0.65	0.83

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~PMW-06

Date	04/23/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	91.81
Water Quality Meter	YSI	Gallons in Well	19.43
Casing Material	PVC	Measured Well Depth (ft bmp)	110.87
Casing Diameter (in)	5	Odor	none
Water Column in Well	19.06	Pump Intake Depth (ft bmp)	105
		Total Volume to Remove	19.43
Comments	dedicated rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/23/2020	MS/MSD Sample ID	
Sample Time	08:42	MS/MSD Sample Time	
Sample ID	~PMW-06-Q220	Double Filter Turbidity	1
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	23	Purge Date	04/23/2020

Field Parameters

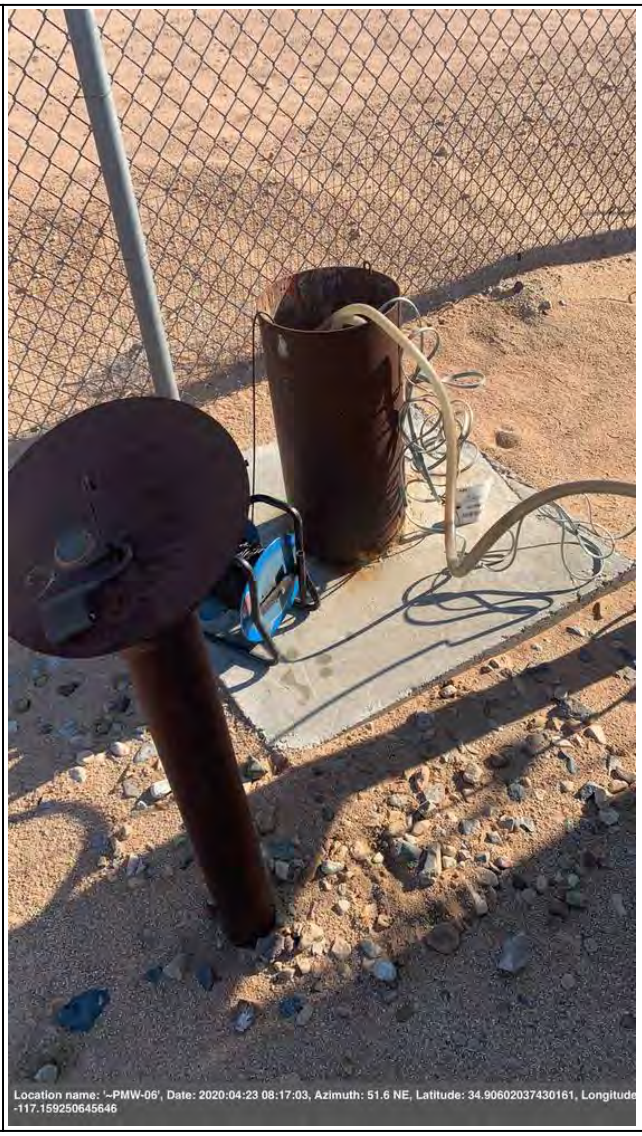
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:25	1	4	21.4	7.31	1059	63.0	3.81	33	94.02	0.52	0.68
08:29	1	8	21.5	7.27	1073	60.7	3.57	27	94.02	0.52	0.68
08:33	1	12	21.5	7.25	1078	59.4	3.46	25	94.02	0.52	0.68
08:37	1	16	21.5	7.25	1084	57.6	3.42	24	94.02	0.52	0.68
08:41	1	20	21.6	7.24	1089	56.1	3.39	23	94.02	0.52	0.68

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-08D

Date	04/20/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	100.24
Water Quality Meter	YSI	Gallons in Well	5.38
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	133.21
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	130
Water Column in Well	32.97	Total Volume to Remove	5.38
		EB Sample ID	
Sample Date	04/20/2020	EB Time	
Sample Time	09:36	MS/MSD Sample ID	
Sample ID	~SA-MW-08D-Q220	MS/MSD Sample Time	
Single Filter Turbidity	4	Double Filter Turbidity	
Without Filter Turbidity	8	Post Sampling Turbidity	
		Purge Date	04/20/2020

Field Parameters

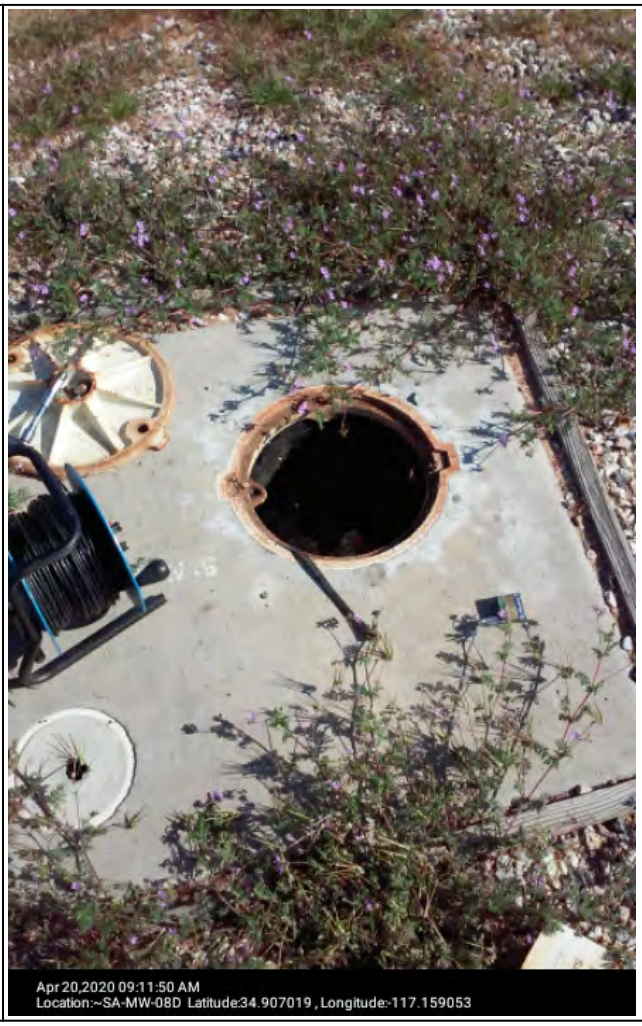
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:15	0.25	1	20.5	6.14	870	-42.5	2.10	19	102.51	0.31	0.62
09:19	0.25	2	20.9	6.40	902	-12.9	1.85	14	102.51	0.31	0.62
09:23	0.25	3	23.5	6.94	909	-37.9	1.55	9	102.51	0.31	0.62
09:27	0.25	4	24.5	7.09	921	-41.2	1.26	8	102.51	0.31	0.62
09:31	0.25	5	24.6	7.10	930	-42.1	1.15	8	102.51	0.31	0.61
09:35	0.25	6	24.7	7.12	934	-42.5	1.12	8	102.51	0.31	.061

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-09S

Date	04/20/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	94.03
Water Quality Meter	YSI	Gallons in Well	2.59
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	109.89
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	107
Water Column in Well	15.86	Total Volume to Remove	2.59
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/20/2020	MS/MSD Sample ID	
Sample Time	10:27	MS/MSD Sample Time	
Sample ID	~SA-MW-09S-Q220	Double Filter Turbidity	4
Without Filter Turbidity	45	Post Sampling Turbidity	
		Purge Date	04/20/2020

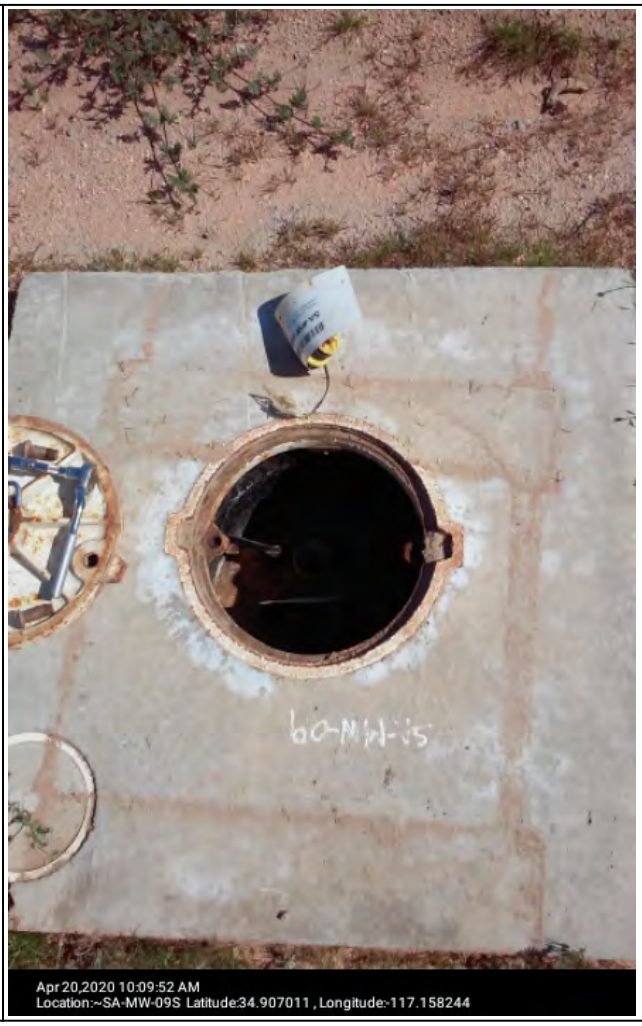
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:10	0.25	1	21.1	7.11	976	-22.1	0.52	678	94.11	0.34	0.62
10:14	0.25	2	21.7	7.04	978	-20.1	0.43	103	94.11	0.34	0.62
10:18	0.25	3	23.8	7.01	976	-19.2	0.35	48	94.11	0.31	0.62
10:22	0.25	4	24.1	7.01	978	-15.2	0.32	45	94.11	0.31	0.62
10:26	0.25	5	24.4	6.95	992	-14.2	0.28	44	94.11	0.31	0.62

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-10D

Date	04/20/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	92.59
Water Quality Meter	YSI	Gallons in Well	5.05
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	123.55
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	120
Water Column in Well	30.96	Total Volume to Remove	5.05
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/20/2020	MS/MSD Sample ID	
Sample Time	11:15	MS/MSD Sample Time	
Sample ID	~SA-MW-10D-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	20	Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:54	0.25	1	21.3	7.15	951	10.2	1.95	451	93.58	0.33	0.60
10:58	0.25	2	21.5	7.11	945	12.5	1.53	221	93.58	0.33	0.60
11:02	0.25	3	22.6	7.00	953	15.2	0.99	93	93.58	0.33	0.60
11:06	0.25	4	23.2	6.98	960	16.1	0.86	21	93.58	0.33	0.60
11:10	0.25	5	24.0	6.97	961	16.8	0.80	20	93.58	0.33	0.60
11:14	0.25	6	24.1	6.95	962	17.1	0.79	20	93.58	0.33	0.60

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-12D

Date	04/20/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	103.29
Water Quality Meter	YSI	Gallons in Well	6.04
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	140.33
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	135
Water Column in Well	37.04	Total Volume to Remove	6.04
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/20/2020	MS/MSD Sample ID	
Sample Time	12:17	MS/MSD Sample Time	
Sample ID	~SA-MW-12D-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	14	Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:52	0.25	1	22.0	7.32	853	31.2	5.55	61	103.92	0.36	0.59
11:56	0.25	2	22.0	7.11	886	35.2	4.09	59	103.92	0.36	0.59
12:00	0.25	3	24.6	6.93	874	25.2	2.48	24	103.92	0.36	0.59
12:04	0.25	4	24.8	6.93	893	24.3	2.42	20	103.92	0.36	0.59
12:08	0.25	5	24.9	6.92	879	22.3	2.35	15	103.92	0.36	0.59
12:12	0.25	6	25.0	6.92	882	22.9	2.31	14	103.92	0.36	0.59
12:16	0.25	7	24.8	6.90	880	23.1	2.30	14	103.92	0.36	0.59

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-13D

Date	04/20/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	100.67
Water Quality Meter	YSI	Gallons in Well	6.69
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	141.69
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	135
Water Column in Well	41.02	Total Volume to Remove	6.69
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/20/2020	MS/MSD Sample ID	
Sample Time	13:06	MS/MSD Sample Time	
Sample ID	~SA-MW-13D-Q220	Double Filter Turbidity	4
Without Filter Turbidity	40	Post Sampling Turbidity	
		Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:41	0.25	1	22.1	7.32	513	5.6	0.56	43	102.31	0.32	0.57
12:45	0.25	2	22.4	7.19	521	6.9	0.44	144	102.31	0.32	0.57
12:49	0.25	3	24.5	7.29	581	10.2	0.29	91	102.31	0.32	0.57
12:53	0.25	4	25.0	7.21	643	15.1	0.23	43	102.31	0.32	0.57
12:57	0.25	5	25.3	7.20	645	16.8	0.23	41	102.31	0.32	0.57
13:01	0.25	6	25.4	7.20	649	17.2	0.22	40	102.31	0.32	0.57
13:05	0.25	7	25.4	7.20	652	17.1	0.21	40	102.31	0.32	0.57

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~SA-MW-13S

Date	04/20/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Ml	Depth to Water (ft bmp)	94.13
Water Quality Meter	YSI	Gallons in Well	1.09
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	100.79
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	97
Water Column in Well	6.66	Total Volume to Remove	1.09
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/20/2020	MS/MSD Sample ID	
Sample Time	12:19	MS/MSD Sample Time	
Sample ID	~SA-MW-13S-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:01	400	1200	22.0	6.92	1050	34.2	2.68	381	94.35	0.55	0.73
12:05	400	2400	21.5	6.88	1055	34.8	0.82	71	94.38	0.56	0.73
12:09	400	3600	21.5	6.83	1046	24.6	0.51	8	94.40	0.55	0.72
12:13	400	4800	21.5	6.80	1038	21.8	0.37	8	94.42	0.55	0.72
12:17	400	6000	21.6	6.80	1037	21.1	0.34	8	94.44	0.55	0.72

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-14D

Date	04/20/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	93.68
Water Quality Meter	YSI	Gallons in Well	4.67
Casing Material	PVC	Measured Well Depth (ft bmp)	122.30
Casing Diameter (in)	2	Odor	none
Water Column in Well	28.62	Pump Intake Depth (ft bmp)	118
		Total Volume to Remove	4.67
Did Well Dewater?	No	EB Sample ID	
Sample Date	04/20/2020	EB Time	
Sample Time	14:41	MS/MSD Sample ID	
Sample ID	~SA-MW-14D-Q220	MS/MSD Sample Time	
Single Filter Turbidity	4	Double Filter Turbidity	2
Without Filter Turbidity	40	Post Sampling Turbidity	
		Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:24	0.25	1	21.1	7.63	1118	43.2	2.75	47	93.99	0.56	0.72
14:28	0.25	2	21.1	7.24	1127	44.9	2.89	44	94.00	0.56	0.72
14:32	0.25	3	21.5	7.17	1131	47.0	2.78	42	94.00	0.56	0.72
14:36	0.25	4	21.7	7.14	1137	46.3	2.85	41	94.00	0.56	0.72
14:40	0.25	5	21.8	7.10	1145	48.1	2.83	40	94.00	0.56	0.72

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-15S

Date	04/20/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	95.31
Water Quality Meter	YSI	Gallons in Well	2.31
Casing Material	PVC	Measured Well Depth (ft bmp)	109.50
Casing Diameter (in)	2	Odor	none
Water Column in Well	14.19	Pump Intake Depth (ft bmp)	104
		Total Volume to Remove	2.31
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/20/2020	MS/MSD Sample ID	
Sample Time	13:58	MS/MSD Sample Time	
Sample ID	~SA-MW-15S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	3	Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:41	0.25	1	21.3	7.03	1937	63.2	3.83	3	96.14	0.98	1.25
13:45	0.25	2	21.5	7.03	1922	61.8	3.77	3	96.14	0.98	1.24
13:49	0.25	3	22.4	7.03	1940	58.3	3.54	3	96.14	0.99	1.26
13:53	0.25	4	21.7	7.02	1925	57.1	3.50	3	96.14	0.99	1.26
13:57	0.25	5	22.6	7.02	1936	54.7	3.47	3	96.14	0.99	1.26

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~SA-MW-16D

Date	04/20/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	93.63
Water Quality Meter	YSI	Gallons in Well	7.36
Casing Material	PVC	Measured Well Depth (ft bmp)	138.73
Casing Diameter (in)	2	Odor	none
Water Column in Well	45.10	Pump Intake Depth (ft bmp)	133
		Total Volume to Remove	7.36
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/20/2020	MS/MSD Sample ID	
Sample Time	12:35	MS/MSD Sample Time	
Sample ID	~SA-MW-16D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:18	0.5	2	22.5	7.62	642	62.3	3.54	5	95.71	0.31	0.41
12:22	0.5	4	22.7	7.62	641	60.0	3.47	5	95.71	0.31	0.41
12:26	0.5	6	22.7	7.62	641	59.1	3.44	4	95.71	0.31	0.41
12:30	0.5	8	22.7	7.62	641	57.8	3.42	4	95.71	0.31	0.41
12:34	0.5	10	22.8	7.61	640	57.1	3.40	4	95.71	0.31	0.41

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-16S

Date	04/20/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	101.68
Water Quality Meter	YSI	Gallons in Well	0.49
Casing Material	PVC	Measured Well Depth (ft bmp)	104.68
Casing Diameter (in)	2	Odor	none
Water Column in Well	3.00	Pump Intake Depth (ft bmp)	104
		Total Volume to Remove	0.49
Did Well Dewater?	No	EB Sample ID	
Sample Date	04/20/2020	EB Time	
Sample Time	11:44	MS/MSD Sample ID	
Sample ID	~SA-MW-16S-Q220	MS/MSD Sample Time	
Single Filter Turbidity	3	Double Filter Turbidity	2
Without Filter Turbidity	38	Post Sampling Turbidity	
		Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:27	0.1	0.4	21.5	7.43	532	48.0	2.79	119	101.74	0.26	0.34
11:31	0.1	0.8	21.5	7.39	525	47.1	2.73	46	101.75	0.26	0.34
11:35	0.1	1.2	21.6	7.39	523	45.5	2.69	41	101.75	0.26	0.34
11:39	0.1	1.6	21.6	7.39	525	44.7	2.67	39	101.75	0.26	0.34
11:43	0.1	2.0	21.5	7.40	527	43.5	2.66	38	101.75	0.26	0.35

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-17S

Date	04/20/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	100.12
Water Quality Meter	YSI	Gallons in Well	0.59
Casing Material	PVC	Measured Well Depth (ft bmp)	103.76
Casing Diameter (in)	2	Odor	none
Water Column in Well	3.64	Pump Intake Depth (ft bmp)	103
		Total Volume to Remove	0.59
Comments	QED Bladder	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/20/2020	MS/MSD Sample ID	
Sample Time	10:41	MS/MSD Sample Time	
Sample ID	~SA-MW-17S-Q220	Double Filter Turbidity	2
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	47	Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:24	0.1	0.4	20.9	7.46	709	53.9	3.96	86	100.21	0.35	0.46
10:28	0.1	0.8	21.0	7.43	710	51.7	3.81	54	100.21	0.35	0.46
10:32	0.1	1.2	21.0	7.42	712	50.2	3.79	48	100.21	0.35	0.46
10:36	0.1	1.6	20.9	7.42	714	49.3	3.75	47	100.21	0.35	0.46
10:40	0.1	2.0	21.0	7.41	715	48.6	3.72	47	100.21	0.35	0.46

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-18S

Date	04/20/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	99.51
Water Quality Meter	YSI	Gallons in Well	0.71
Casing Material	PVC	Measured Well Depth (ft bmp)	103.86
Casing Diameter (in)	2	Odor	none
Water Column in Well	4.35	Pump Intake Depth (ft bmp)	103
		Total Volume to Remove	0.71
Did Well Dewater?	No	EB Sample ID	EB-755-Q220
Sample Date	04/20/2020	EB Time	15:43
Sample Time	15:23	MS/MSD Sample ID	
Sample ID	~SA-MW-18S-Q220	MS/MSD Sample Time	
Single Filter Turbidity	1	Double Filter Turbidity	
Without Filter Turbidity	4	Post Sampling Turbidity	
		Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:02	0.1	0.4	22.5	7.79	841	70.8	3.49	83	99.76	0.41	0.54
15:06	0.1	0.8	22.7	7.45	844	68.9	3.47	42	99.76	0.41	0.54
15:10	0.1	1.2	22.3	7.44	847	71.5	3.57	25	99.76	0.41	0.54
15:14	0.1	1.6	22.5	7.43	849	72.8	3.58	9	99.76	0.41	0.54
15:18	0.1	2.0	22.6	7.42	855	74.1	3.62	5	99.76	0.41	0.54
15:22	0.1	2.4	22.7	7.41	852	74.0	3.61	4	99.76	0.41	0.54

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-20D

Date	04/21/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	94.69
Water Quality Meter	YSI	Gallons in Well	4.28
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	120.96
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	115
Water Column in Well	26.27	Total Volume to Remove	4.28
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	11:35	MS/MSD Sample Time	
Sample ID	~SA-MW-20D-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	13	Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:18	0.25	1	21.7	6.77	787	-20.8	0.73	754	102.11	0.41	0.54
11:22	0.25	2	23.4	6.72	804	-36.9	0.29	105	102.12	0.40	0.53
11:26	0.25	3	24.9	6.87	840	-58.3	0.23	14	102.13	0.41	0.55
11:30	0.25	4	25.1	6.90	852	-64.3	0.20	13	102.15	0.41	0.55
11:34	0.25	5	25.5	6.92	855	-69.1	0.18	13	102.15	0.41	0.55

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-25D

Date	04/21/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	102.53
Water Quality Meter	YSI	Gallons in Well	6.32
Casing Material	PVC	Measured Well Depth (ft bmp)	141.25
Casing Diameter (in)	2	Odor	none
Water Column in Well	38.72	Pump Intake Depth (ft bmp)	137
		Total Volume to Remove	6.32
Did Well Dewater?	No	EB Sample ID	EB-758-Q220
Sample Date	04/21/2020	EB Time	15:25
Sample Time	14:43	MS/MSD Sample ID	
Sample ID	~SA-MW-25D-Q220	MS/MSD Sample Time	
Single Filter Turbidity	1	Double Filter Turbidity	
Without Filter Turbidity	7	Post Sampling Turbidity	
		Purge Date	04/21/2020

Field Parameters

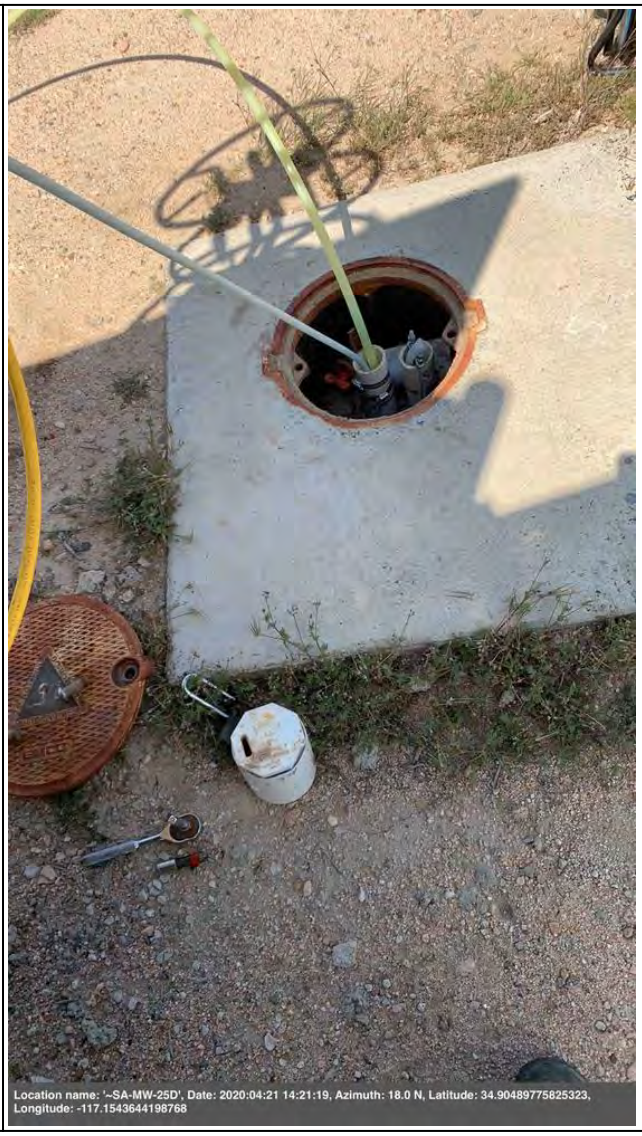
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:22	0.5	2	21.6	7.84	847	46.0	3.73	85	105.70	0.42	0.55
14:26	0.5	4	20.6	7.48	897	48.2	3.75	62	105.74	0.42	0.55
14:30	0.5	6	21.7	7.41	894	49.0	3.76	13	105.75	0.44	0.57
14:34	0.5	8	21.7	7.42	889	49.7	3.78	8	105.76	0.44	0.57
14:38	0.5	10	21.6	7.41	885	50.4	3.79	7	105.76	0.44	0.57
14:42	0.5	12	21.8	7.42	880	51.3	3.80	7	105.76	0.44	0.57

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-25S

Date	04/21/2020	Sampler	Brian
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	105.12
Water Column in Well	2.92	Gallons in Well	0.48
		Measured Well Depth (ft bmp)	108.04
Comments	Insufficient	Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

~SA-MW-26D

Date	04/21/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	91.59
Water Quality Meter	YSI	Gallons in Well	4.81
Casing Material	PVC	Measured Well Depth (ft bmp)	121.11
Casing Diameter (in)	2	Odor	none
Water Column in Well	29.52	Pump Intake Depth (ft bmp)	116
		Total Volume to Remove	4.81
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	11:55	MS/MSD Sample Time	
Sample ID	~SA-MW-26D-Q220	Double Filter Turbidity	3
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	27	Purge Date	04/21/2020

Field Parameters

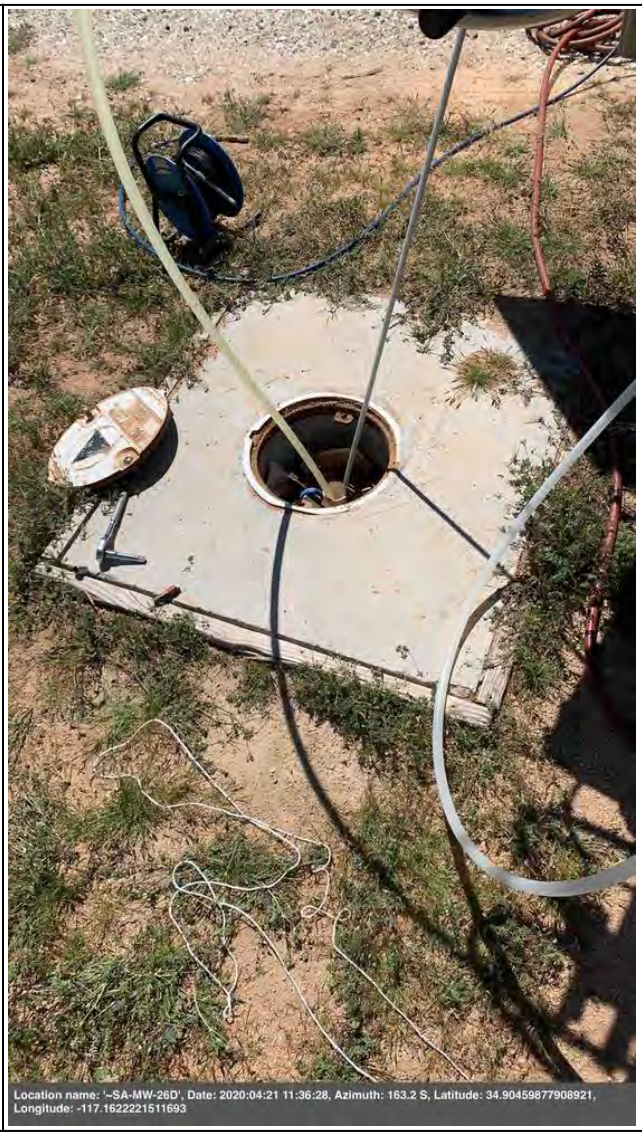
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:38	0.25	1	22.6	7.53	531	60.1	3.50	40	92.83	0.26	0.34
11:42	0.25	2	23.7	7.57	534	58.5	3.23	32	92.85	0.26	0.34
11:46	0.25	3	23.6	7.57	534	57.1	3.22	27	92.86	0.26	0.34
11:50	0.25	4	23.5	7.58	534	56.2	3.20	25	92.86	0.26	0.34
11:54	0.25	5	23.6	7.60	533	55.4	3.18	27	92.86	0.26	0.34

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-26S

Date	04/21/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	92.31
Water Quality Meter	YSI	Gallons in Well	1.12
Casing Material	PVC	Measured Well Depth (ft bmp)	99.16
Casing Diameter (in)	2	Odor	none
Water Column in Well	6.85	Pump Intake Depth (ft bmp)	97
		Total Volume to Remove	1.12
Comments	QED Bladder	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	11:07	MS/MSD Sample Time	
Sample ID	~SA-MW-26S-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-942-Q220	Post Sampling Turbidity	
Dup Sample Time	11:17	Purge Date	04/21/2020
Single Filter Turbidity	1		
Without Filter Turbidity	6		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:50	0.1	0.4	21.3	7.22	1012	56.1	3.84	104	92.43	0.50	0.66
10:54	0.1	0.8	21.2	6.94	1021	61.9	3.86	30	92.43	0.51	0.66
10:58	0.1	1.2	21.3	6.93	1019	65.1	3.84	9	92.43	0.50	0.66
11:02	0.1	1.6	21.3	6.93	1019	67.9	3.87	8	92.43	0.50	0.66
11:06	0.1	2.0	21.3	6.93	1018	68.6	3.85	6	92.43	0.50	0.66

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-27D

Date	04/21/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	97.07
Water Quality Meter	YSI	Gallons in Well	3.03
Casing Material	PVC	Measured Well Depth (ft bmp)	115.62
Casing Diameter (in)	2	Odor	none
Water Column in Well	18.55	Pump Intake Depth (ft bmp)	110
		Total Volume to Remove	3.03
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	10:15	MS/MSD Sample Time	
Sample ID	~SA-MW-27D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	04/21/2020

Field Parameters

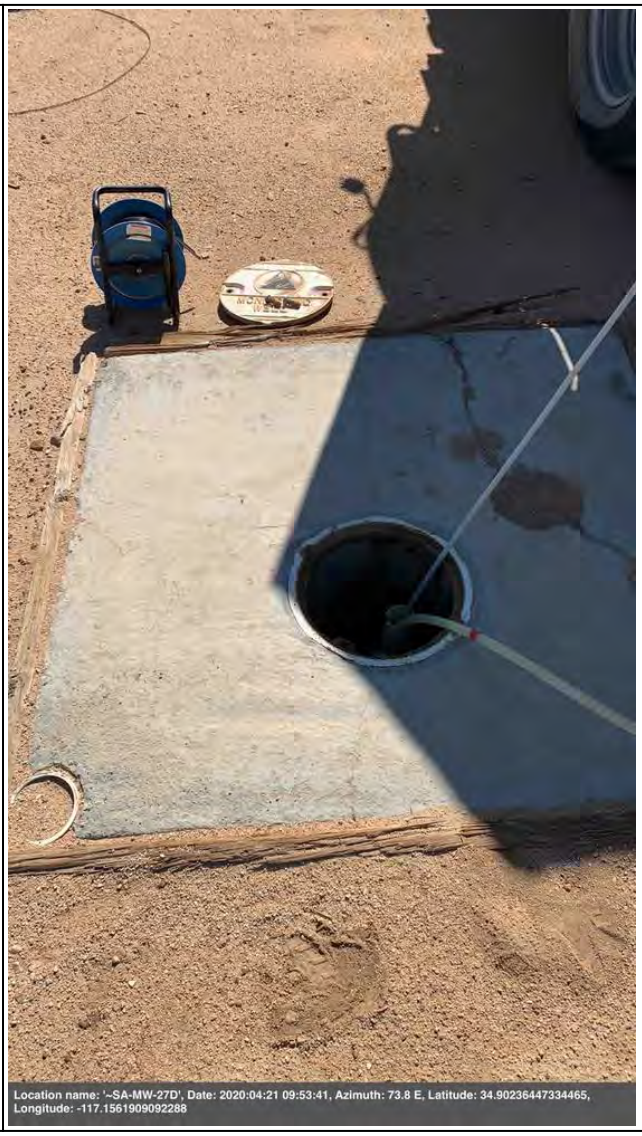
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:54	0.25	1	20.0	7.46	732	52.8	4.26	177	97.54	0.36	0.47
09:58	0.25	2	22.0	7.41	763	50.2	3.67	104	97.54	0.37	0.49
10:02	0.25	3	22.9	7.42	763	48.6	3.42	45	97.54	0.36	0.47
10:06	0.25	4	23.1	7.42	764	46.1	3.37	9	97.54	0.37	0.49
10:10	0.25	5	23.2	7.42	765	45.6	3.35	7	97.54	0.37	0.49
10:14	0.25	6	23.3	7.42	764	45.1	3.33	6	97.54	0.37	0.49

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



~SA-MW-30D

Date	04/21/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	92.24
Water Quality Meter	YSI	Gallons in Well	4.93
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	122.44
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	118
Water Column in Well	30.2	Total Volume to Remove	4.93
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	12:20	MS/MSD Sample Time	
Sample ID	~SA-MW-30D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:02	0.25	1	22.2	6.83	796	34.5	0.89	5	92.92	0.41	0.55
12:06	0.25	2	23.5	6.73	823	47.0	0.37	4	92.94	0.42	0.55
12:10	0.25	3	24.7	6.86	863	44.8	0.19	4	92.94	0.42	0.55
12:14	0.25	4	25.0	6.89	875	47.2	0.17	4	92.94	0.42	0.56
12:18	0.25	5	25.3	6.90	875	48.2	0.12	4	92.95	0.42	0.57

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-33S

Date	04/21/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	91.13
Water Quality Meter	YSI	Gallons in Well	1.66
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	101.33
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	97
Water Column in Well	10.2	Total Volume to Remove	1.66
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	13:10	MS/MSD Sample Time	
Sample ID	~SA-MW-33S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:53	0.25	0.75	22.3	6.99	1818	80.9	1.10	236	92.11	0.98	1.25
12:56	0.25	1.50	22.5	6.98	1856	82.4	0.90	20	92.13	0.99	1.28
12:59	0.25	2.25	24.6	6.97	2003	81.4	0.47	13	92.14	1.02	1.31
13:02	0.25	3.00	25.7	7.05	2035	74.7	0.53	8	92.14	1.02	1.31
13:05	0.25	3.75	26.1	7.08	2046	70.8	0.54	8	92.15	1.02	1.31
13:08	0.25	4.50	26.4	7.11	2078	71.5	0.56	8	92.15	1.02	1.31

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~SA-SM-01D

Date	04/22/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	84.46
Water Quality Meter	YSI	Gallons in Well	8.84
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	138.64
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	135
Water Column in Well	54.18	Total Volume to Remove	8.84
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/22/2020	MS/MSD Sample ID	
Sample Time	08:42	MS/MSD Sample Time	
Sample ID	~SA-SM-01D-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/22/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:25	0.5	2	20.4	6.37	1037	-8.2	0.66	24	86.18	0.39	0.61
08:29	0.5	4	21.3	6.73	1067	-26.2	0.26	12	86.18	0.39	0.61
08:33	0.5	6	21.5	6.79	1066	-28.1	0.24	9	86.18	0.39	0.61
08:37	0.5	8	21.8	6.88	1062	-26.2	0.25	9	86.18	0.39	0.61
08:41	0.5	10	22.0	6.91	1064	-28.2	0.28	9	86.18	0.39	0.61

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-SM-01S

Date	04/22/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	95.20
Water Quality Meter	YSI	Gallons in Well	0.75
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	99.82
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	98
Water Column in Well	4.62	Total Volume to Remove	0.75
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/22/2020	MS/MSD Sample ID	
Sample Time	09:28	MS/MSD Sample Time	
Sample ID	~SA-SM-01S-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	14	Purge Date	04/22/2020

Field Parameters

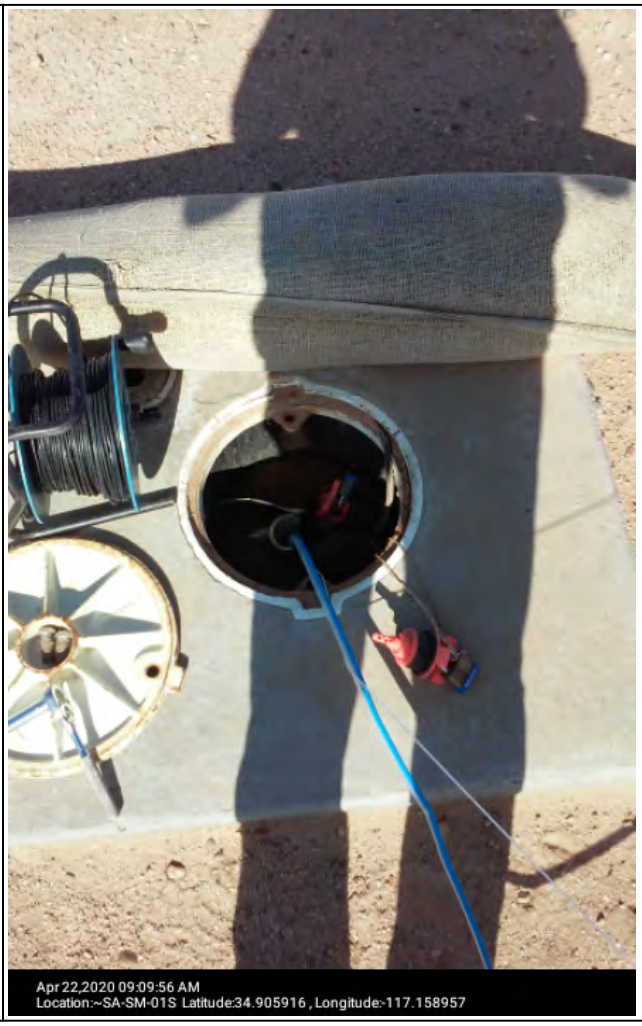
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:11	0.1	0.4	20.4	6.94	1121	-15.2	1.17	39	95.41	0.31	0.52
09:15	0.1	0.8	20.9	6.86	1145	-9.7	0.57	33	95.41	0.31	0.52
09:19	0.1	1.2	20.6	6.87	1148	-7.2	0.42	15	95.41	0.31	0.52
09:23	0.1	1.6	20.6	6.89	1150	-5.1	0.40	14	95.41	0.31	0.52
09:27	0.1	2.0	20.7	6.89	1151	-5.8	0.38	14	95.41	0.31	0.52

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-SM-02S

Date	04/22/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	95.50
Water Quality Meter	YSI	Gallons in Well	0.68
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	99.64
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	98
Water Column in Well	4.14	Total Volume to Remove	0.68
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/22/2020	MS/MSD Sample ID	
Sample Time	10:36	MS/MSD Sample Time	
Sample ID	~SA-SM-02S-Q220	Double Filter Turbidity	4
Without Filter Turbidity	35	Post Sampling Turbidity	
		Purge Date	04/22/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:15	0.1	0.4	21.7	7.48	574	21.2	4.69	213	95.89	0.31	0.59
10:19	0.1	0.8	21.6	7.46	577	19.2	1.19	92	95.89	0.31	0.59
10:23	0.1	1.2	21.4	7.32	576	15.2	0.70	61	95.89	0.31	0.59
10:27	0.1	1.6	21.3	7.24	576	14.2	0.61	38	95.89	0.31	0.59
10:31	0.1	2.0	21.3	7.16	574	12.1	0.56	35	95.86	0.31	0.59
10:35	0.1	2.4	21.4	7.07	575	11.9	0.47	35	95.86	0.31	0.59

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?	X			
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-SM-08D

Date	04/22/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	75.21
Water Quality Meter	YSI	Gallons in Well	8.0
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	124.25
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	120
Water Column in Well	49.04	Total Volume to Remove	8.0
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/22/2020	MS/MSD Sample ID	
Sample Time	13:03	MS/MSD Sample Time	
Sample ID	~SA-SM-08D-Q220	Double Filter Turbidity	5
Without Filter Turbidity	62	Post Sampling Turbidity	
		Purge Date	04/22/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:34	0.1	0.4	22.9	6.98	1065	52.1	0.82	710	75.82	0.33	0.58
12:38	0.1	0.8	23.0	6.89	1086	40.3	0.21	559	75.82	0.33	0.58
12:42	0.1	1.2	22.9	6.91	1084	39.1	0.17	356	75.82	0.33	0.58
12:46	0.1	1.6	23.2	6.89	1082	37.7	0.23	387	75.82	0.33	0.58
12:50	0.1	2.0	23.1	6.89	1082	37.5	0.23	319	75.82	0.33	0.58
12:54	0.1	2.4	23.0	6.94	1083	37.1	0.25	70	75.82	0.33	0.58
12:58	0.1	2.8	23.5	6.94	1082	36.8	0.27	65	75.82	0.33	0.58
13:02	0.1	3.2	23.4	6.94	1080	35.2	0.27	62	75.82	0.33	0.58

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-SM-08S

Date	04/22/2020	Sampler	Brian
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	82.76
Water Column in Well	22.24	Gallons in Well	3.63
		Measured Well Depth (ft bmp)	105.00
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/22/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SA-SM-11S

Date	04/22/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	92.23
Water Quality Meter	YSI	Gallons in Well	1.29
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	100.12
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	98
Water Column in Well	7.89	Total Volume to Remove	1.29
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/22/2020	MS/MSD Sample ID	
Sample Time	14:20	MS/MSD Sample Time	
Sample ID	~SA-SM-11S-Q220	Double Filter Turbidity	5
Without Filter Turbidity	50	Post Sampling Turbidity	
		Purge Date	04/22/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:03	0.25	1	25.0	6.89	1234	26.9	0.22	562	93.71	0.32	0.68
14:07	0.25	2	25.2	6.90	1268	27.2	0.29	423	93.71	0.32	0.68
14:11	0.25	3	25.6	6.95	1272	28.6	0.30	55	93.71	0.32	0.68
14:15	0.25	4	25.9	6.99	1305	29.6	0.35	51	93.71	0.32	0.68
14:19	0.25	5	26.0	7.05	1321	30.2	0.36	5	93.71		0.68

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-13D

Date	04/20/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	101.92
Water Quality Meter	YSI	Gallons in Well	6.41
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	141.23
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	135
Water Column in Well	39.31	Total Volume to Remove	6.41
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/20/2020	MS/MSD Sample ID	
Sample Time	14:23	MS/MSD Sample Time	
Sample ID	~SC-MW-13D-Q220	Double Filter Turbidity	5
		Post Sampling Turbidity	
		Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:58	0.25	1	22.8	7.39	494	98.2	2.11	302	105.64	0.38	0.61
14:02	0.25	2	22.2	7.19	490	100.1	1.85	222	105.64	0.38	0.61
14:06	0.25	3	22.5	7.08	490	105.2	1.69	122	105.64	0.38	0.61
14:10	0.25	4	23.3	7.07	497	102.3	1.67	59	105.64	0.38	0.61
14:14	0.25	5	24.2	7.15	496	101.5	1.77	29	105.64	0.38	0.61
14:18	0.25	6	24.5	7.18	496	101.9	1.75	29	105.64	0.38	0.61
14:22	0.25	7	24.9	7.19	499	102.1	1.78	29	105.64	0.38	0.61

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number: RC000699.0801

~SC-MW-13S

Date	04/20/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Ml	Depth to Water (ft bmp)	94.51
Water Quality Meter	YSI	Gallons in Well	1.73
Sampling Type	Low Flow – QED Bladder Pump	Measured Well Depth (ft bmp)	105.11
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	1
Water Column in Well	10.6	Total Volume to Remove	1.73
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/20/2020	MS/MSD Sample ID	
Sample Time	10:02	MS/MSD Sample Time	
Sample ID	~SC-MW-13S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:44	400	1200	19.0	6.29	1194	190.5	4.71	25	94.91	0.66	0.86
09:48	400	2400	21.4	6.44	1237	169.0	2.00	11	95.02	0.67	0.86
09:52	400	3600	21.5	6.50	1240	158.5	0.80	7	95.46	0.67	0.86
09:56	400	4800	21.5	6.52	1240	153.9	0.69	7	95.81	0.67	0.86
10:00	400	6000	21.5	6.55	1243	148.5	0.60	7	96.16	0.67	0.86

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-14S

Date	04/20/2020	Sampler	
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	
Comments	Well is dry	Gallons in Well	
Did Well Dewater?	NA	Measured Well Depth (ft bmp)	99.63
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:40											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

Apr 20,2020 11:39:47 AM
Location:~SC-MW-14S Latitude:34.908208 , Longitude:-117.15204

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-21S

Date	04/21/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	92.25
Water Quality Meter	YSI	Gallons in Well	1.27
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	100.01
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	98
Water Column in Well	7.76	Total Volume to Remove	1.27
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	14:30	MS/MSD Sample Time	
Sample ID	~SC-MW-21S-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:13	0.25	0.75	21.6	7.01	1372	77.0	5.58	336	93.01	0.74	0.96
14:16	0.25	1.50	22.1	6.96	1397	81.6	4.57	62	93.02	0.74	0.96
14:19	0.25	2.25	23.4	6.94	1444	87.6	4.38	24	93.08	0.75	0.97
14:22	0.25	3.00	23.8	6.92	1465	90.1	4.11	9	93.11	0.75	0.97
14:25	0.25	3.75	24.0	6.92	1475	94.2	3.98	9	93.14	0.75	0.97
14:28	0.25	4.50	24.3	6.90	1496	98.2	3.82	9	93.15	0.75	0.97

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?	X			
Well Casing Intact?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~SC-MW-26S

Date	04/21/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	98.57
Water Quality Meter	YSI	Gallons in Well	0.63
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	102.41
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	101
Water Column in Well	3.84	Total Volume to Remove	0.63
		EB Sample ID	EB-757-Q220
Did Well Dewater?	No	EB Time	15:30
Sample Date	04/21/2020	MS/MSD Sample ID	
Sample Time	15:23	MS/MSD Sample Time	15:30
Sample ID	~SC-MW-26S-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	33	Purge Date	04/21/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:06	0.25	0.75	20.5	7.18	1294	-3.5	0.58	1000	99.11	0.71	0.92
15:09	0.25	1.50	22.3	7.20	1339	-10.5	0.45	421	99.11	0.71	0.92
15:12	0.25	2.25	23.1	7.21	1362	-12.6	0.39	153	99.12	0.71	0.92
15:15	0.25	3.00	23.5	7.22	1371	-14.5	0.34	36	99.14	0.71	0.92
15:18	0.25	3.75	23.8	7.23	1389	-20.1	0.28	35	99.15	0.71	0.92
15:21	0.25	4.50	24.1	7.25	1394	-22.1	0.25	33	99.16	0.71	0.92

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~X-16

Date	04/23/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	100.25
Water Quality Meter	YSI	Gallons in Well	49.91
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	134.25
Casing Material	PVC	Odor	None
Casing Diameter (in)	6	Pump Intake Depth (ft bmp)	130
Water Column in Well	34.0	Total Volume to Remove	49.91
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/23/2020	MS/MSD Sample ID	
Sample Time	13:24	MS/MSD Sample Time	
Sample ID	~X-16-Q220	Double Filter Turbidity	3
Without Filter Turbidity	7	Post Sampling Turbidity	
		Purge Date	04/23/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:59	2	8	21.5	6.93	1246	12.1	0.41	17	100.70	0.32	0.55
13:03	2	16	21.8	6.82	1245	7.2	0.22	13	100.70	0.32	0.55
13:07	2	24	22.0	6.82	1245	2.1	0.19	9	100.70	0.32	0.55
13:11	2	32	21.9	6.87	1239	2.0	0.20	8	100.70	0.32	0.55
13:15	2	40	22.0	6.87	1250	4.5	0.21	7	100.70	0.32	0.55
13:19	2	48	22.1	6.87	1249	4.2	0.20	7	100.70	0.32	0.55
13:23	2	56	22.3	6.87	1248	3.1	0.20	7	100.70	0.32	0.55

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-88S

Date	04/24/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	85.00
Water Quality Meter	YSI	Gallons in Well	0.84
Casing Material	PVC	Measured Well Depth (ft bmp)	90.16
Casing Diameter (in)	2	Odor	none
Water Column in Well	5.16	Pump Intake Depth (ft bmp)	88
		Total Volume to Remove	0.84
Comments	QED BLADDER	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	10:39	MS/MSD Sample Time	
Sample ID	~MW-88S-Q220	Double Filter Turbidity	3
Single Filter Turbidity	5	Post Sampling Turbidity	
Without Filter Turbidity	48	Purge Date	04/24/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:10	0.1	0.4	21.5	7.06	1637	55.8	2.95	239	85.17	0.82	1.05
10:14	0.1	0.8	21.5	7.07	1487	54.2	2.84	148	85.17	0.75	0.96
10:18	0.1	1.2	21.5	7.06	1515	53.1	2.77	91	85.17	0.76	0.98
10:22	0.1	1.6	21.5	7.06	1542	52.4	2.75	73	85.17	0.78	1.00
10:26	0.1	2.0	21.5	7.05	1577	51.8	2.72	57	85.17	0.80	1.02
10:30	0.1	2.4	21.5	7.05	1605	50.4	2.70	49	85.17	0.81	1.04
10:34	0.1	2.8	21.5	7.04	1618	48.9	2.68	48	85.17	0.81	1.03
10:38	0.1	3.2	21.6	7.04	1635	47.2	2.65	48	85.17	0.81	1.04

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Groundwater Monitoring Field Data Form

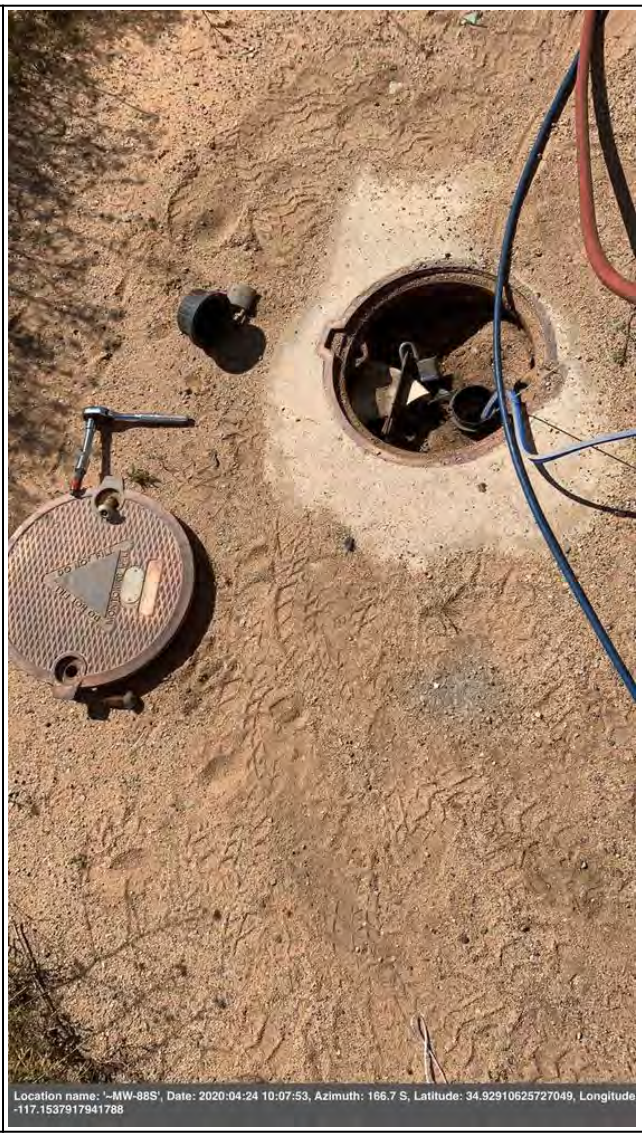
Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-88D

Date	04/24/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	96.00
Water Quality Meter	YSI	Gallons in Well	10.26
Casing Material	PVC	Measured Well Depth (ft bmp)	158.89
Casing Diameter (in)	2	Odor	none
Water Column in Well	62.89	Pump Intake Depth (ft bmp)	154
		Total Volume to Remove	10.26
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	04/24/2020	MS/MSD Sample ID	
Sample Time	09:47	MS/MSD Sample Time	
Sample ID	~MW-88D-Q220	Double Filter Turbidity	2
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	33	Purge Date	04/24/2020

Field Parameters

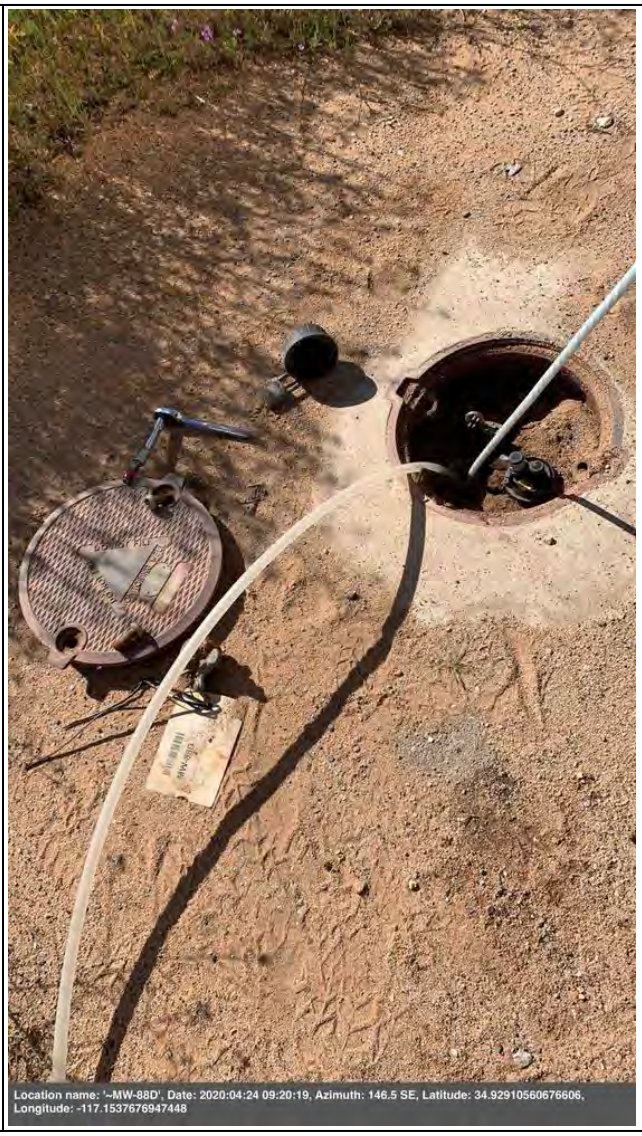
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:22	0.5	2	22.5	7.62	798	63.6	3.22	487	97.77	0.39	0.52
09:26	0.5	4	22.9	7.61	818	61.8	3.12	262	97.77	0.40	0.53
09:30	0.5	6	22.9	7.60	819	60.7	3.09	74	97.77	0.40	0.53
09:34	0.5	8	22.9	7.59	821	59.3	3.06	36	97.77	0.40	0.53
09:38	0.5	10	23.0	7.59	825	58.1	3.03	32	97.77	0.40	0.53
09:42	0.5	12	23.1	7.58	824	57.4	3.01	31	97.77	0.40	0.53
09:46	0.5	14	23.1	7.58	825	56.9	3.00	33	97.77	0.40	0.53

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-208S

Date	04/20/2020	Sampler	Josh
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	93.79
Water Quality Meter	YSI	Gallons in Well	8.3
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	106.51
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	102
Water Column in Well	12.72	Total Volume to Remove	8.3
		EB Sample ID	EB-756-Q220
Did Well Dewater?	No	EB Time	15:40
Sample Date	04/20/2020	MS/MSD Sample ID	
Sample Time	15:29	MS/MSD Sample Time	
Sample ID	~MW-208S-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	04/20/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:11	0.5	2	22.3	7.07	1382	9.1	3.95	11	94.41	0.32	0.57
15:15	0.5	4	22.5	7.06	1383	10.2	3.05	9	94.41	0.32	0.57
15:19	0.5	3	23.4	7.07	1371	12.1	2.86	5	94.41	0.32	0.57
15:24	0.5	8	23.8	7.07	1382	12.0	2.80	5	94.41	0.32	0.57
15:28	0.5	10	24.1	7.05	1389	12.5	2.76	5	94.41	0.32	0.57

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?		X		
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

33-26

Date	05/07/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-219S1

Date	05/07/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	70.98
Water Quality Meter	YSI	Gallons in Well	12.40
Casing Material	PVC	Measured Well Depth (ft bmp)	89.99
Casing Diameter (in)	4	Odor	none
Water Column in Well	19.01	Pump Intake Depth (ft bmp)	85
		Total Volume to Remove	12.40
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/07/2020	MS/MSD Sample ID	
Sample Time	09:10	MS/MSD Sample Time	
Sample ID	MW-219S1-Q220	Double Filter Turbidity	2
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	43	Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:53	0.75	3	21.4	8.42	487	-36.2	2.89	43	72.06	0.23	0.31
08:57	0.75	6	22.1	8.03	486	-39.5	2.54	43	72.06	0.23	0.31
09:01	0.75	9	22.8	7.95	486	-41.3	2.45	43	72.06	0.23	0.31
09:05	0.75	12	23.0	7.92	486	-42.8	2.39	43	72.06	0.23	0.31
09:09	0.75	15	23.1	7.91	486	-44.0	2.35	43	72.06	0.23	0.31

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~01-01A

Date	05/07/2020	Sampler	
Sampling Type	Extraction port	Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley
Hinkley, CA

Project Number:
RC000699.0801

~28-36

Date	05/07/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	05/07/2020	Total Volume to Remove	
Sample Time	09:00	EB Sample ID	
Sample ID	~28-36-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	1	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:00	1	5	21.6	7.97	662	65.1	5.18	1		0.35	0.46

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

May 07,2020 09:00:35 AM
Location:~28-36 Latitude:34.930302 , Longitude:-117.199348

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~CA-MW-505

Date	05/05/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2.5	Depth to Water (ft bmp)	105.65
Comments	DTW ONLY	Gallons in Well	
Did Well Dewater?	No	Measured Well Depth (ft bmp)	
Sample Date	05/05/2020	Odor	
Sample ID	~CA-MW-505-Q220	Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	05/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:16											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	
Remarks				

Photos and Drawings

~CA-MW-510D

Date	05/04/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	102.47
Water Quality Meter	YSI	Gallons in Well	4.69
Casing Material	PVC	Measured Well Depth (ft bmp)	131.21
Casing Diameter (in)	2	Odor	none
Water Column in Well	28.74	Pump Intake Depth (ft bmp)	126
		Total Volume to Remove	4.69
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/04/2020	MS/MSD Sample ID	
Sample Time	10:40	MS/MSD Sample Time	
Sample ID	~CA-MW-510D-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	05/04/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:23	0.25	1	20.7	7.37	1317	76.8	4.01	16	102.81	0.66	0.86
10:27	0.25	2	21.3	7.29	1330	74.5	3.84	12	102.81	0.67	0.87
10:31	0.25	3	21.4	7.29	1348	73.0	3.79	9	102.81	0.67	0.86
10:35	0.25	4	21.6	7.28	1346	72.1	3.75	8	102.81	0.67	0.87
10:39	0.25	5	21.7	7.27	1338	71.4	3.72	8	102.81	0.67	0.87

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Photos and Drawings

~CA-MW-511

Date	05/04/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	101.26
Water Quality Meter	YSI	Gallons in Well	3.67
Casing Material	PVC	Measured Well Depth (ft bmp)	123.78
Casing Diameter (in)	2	Odor	none
Water Column in Well	22.52	Pump Intake Depth (ft bmp)	119
		Total Volume to Remove	3.67
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/04/2020	MS/MSD Sample ID	
Sample Time	11:34	MS/MSD Sample Time	
Sample ID	~CA-MW-511-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	05/04/2020

Field Parameters

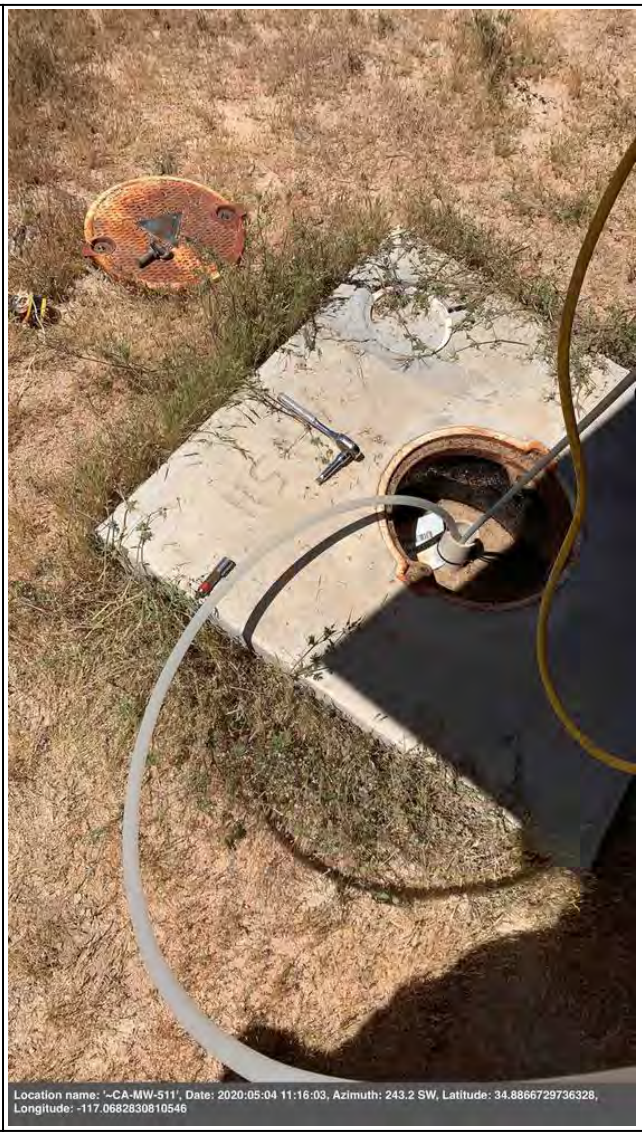
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:17	0.25	1	20.8	7.33	1340	60.5	3.98	25	101.83	0.67	0.87
11:21	0.25	2	21.1	7.32	1342	58.9	3.92	10	101.83	0.67	0.87
11:25	0.25	3	21.7	7.30	1348	57.2	3.83	8	101.83	0.67	0.87
11:29	0.25	4	22.9	7.29	1361	55.7	3.70	7	101.83	0.67	0.87
11:33	0.25	5	22.9	7.26	1359	54.7	3.65	7	101.83	0.67	0.87

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



~CA-MW-601

Date	05/04/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	105.43
Water Quality Meter	YSI	Gallons in Well	2.86
Casing Material	PVC	Measured Well Depth (ft bmp)	109.81
Casing Diameter (in)	4	Odor	none
Water Column in Well	4.38	Pump Intake Depth (ft bmp)	108
		Total Volume to Remove	2.86
Comments	QED BLADDER	EB Sample ID	EB-770-Q220
Did Well Dewater?	No	EB Time	15:20
Sample Date	05/04/2020	MS/MSD Sample ID	
Sample Time	15:05	MS/MSD Sample Time	
Sample ID	~CA-MW-601-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	05/04/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:48	0.1	0.4	23.1	7.83	1426	52.2	3.34	4	105.48	0.72	0.92
14:52	0.1	0.8	21.9	7.37	1426	54.9	3.67	4	105.48	0.72	0.92
14:56	0.1	1.2	21.8	7.32	1427	56.1	3.70	4	105.48	0.72	0.92
15:00	0.1	1.6	21.6	7.30	1424	57.8	3.71	4	105.48	0.72	0.92
15:04	0.1	2.0	21.8	7.29	1416	58.9	3.74	4	104.48	0.72	0.92

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~CA-MW-602

Date	05/04/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	104.51
Water Quality Meter	YSI	Gallons in Well	3.47
Casing Material	PVC	Measured Well Depth (ft bmp)	109.83
Casing Diameter (in)	4	Odor	none
Water Column in Well	5.32	Pump Intake Depth (ft bmp)	108
		Total Volume to Remove	3.47
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/04/2020	MS/MSD Sample ID	
Sample Time	14:02	MS/MSD Sample Time	
Sample ID	~CA-MW-602-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	05/04/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:45	0.25	1	22.4	7.41	1507	52.7	2.29	29	104.59	0.75	0.98
13:49	0.25	2	23.7	7.32	1493	51.0	2.20	23	104.59	0.75	0.98
13:53	0.25	3	23.6	7.29	1483	50.1	2.17	9	104.59	0.75	0.98
13:57	0.25	4	23.0	7.30	1472	49.1	2.13	8	104.59	0.75	0.98
14:01	0.25	5	22.9	7.30	1468	47.9	2.11	6	104.59	0.75	0.98

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~CA-MW-603

Date	05/04/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	103.29
Water Quality Meter	YSI	Gallons in Well	4.05
Casing Material	PVC	Measured Well Depth (ft bmp)	109.50
Casing Diameter (in)	4	Odor	none
Water Column in Well	6.21	Pump Intake Depth (ft bmp)	107
		Total Volume to Remove	4.05
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/04/2020	MS/MSD Sample ID	
Sample Time	12:41	MS/MSD Sample Time	
Sample ID	~CA-MW-603-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-944-Q220	Post Sampling Turbidity	
Dup Sample Time	12:51	Purge Date	05/04/2020
Single Filter Turbidity	1		
Without Filter Turbidity	5		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:24	0.25	1	22.6	7.29	1466	61.3	3.49	6	102.45	0.73	0.94
12:28	0.25	2	21.9	7.27	1460	59.1	3.37	5	102.45	0.73	0.94
12:32	0.25	3	22.0	7.26	1470	58.2	3.34	5	102.45	0.73	0.94
12:36	0.25	4	22.0	7.25	1471	57.3	3.31	5	102.45	0.73	0.94
12:40	0.25	5	22.1	7.24	1476	55.8	3.29	5	103.45	0.73	0.94

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~CE-IRR

Date	05/05/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Na	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Casing Material	Stainless Steel	Measured Well Depth (ft bmp)	
Comments	Extraction port	Odor	none
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	05/05/2020	Total Volume to Remove	
Sample Time	09:33	EB Sample ID	
Sample ID	~CE-IRR-Q220	EB Time	
Duplicate Sample ID	MW-901-Q220	MS/MSD Sample ID	
Dup Sample Time	09:43	MS/MSD Sample Time	
Single Filter Turbidity	1	Double Filter Turbidity	
Without Filter Turbidity	1	Post Sampling Turbidity	
		Purge Date	05/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:31			20.2	7.47	1178	91.3	4.16	1		0.59	0.76

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: '~CE-IRR', Date: 2020:05:05 09:30:40, Azimuth: 156.9 SE, Latitude: 34.90928984629642,
Longitude: -117.1578638157065

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~DW-01

Date	05/05/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	4	Depth to Water (ft bmp)	102.35
Comments	DTW ONLY	Gallons in Well	
Did Well Dewater?	NA	Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	05/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:36											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	
Remarks				

Photos and Drawings

~EX-21

Date	05/08/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	105.86
Water Quality Meter	YSI	Gallons in Well	83.25
Casing Material	PVC	Measured Well Depth (ft bmp)	137.76
Casing Diameter (in)	8	Odor	none
Water Column in Well	31.90	Pump Intake Depth (ft bmp)	130
		Total Volume to Remove	83.25
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/08/2020	MS/MSD Sample ID	
Sample Time	09:35	MS/MSD Sample Time	
Sample ID	~EX-21-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	05/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:18	5	20	23.0	8.08	476	46.1	3.40	8	106.97	0.23	0.30
09:22	5	40	23.2	7.94	483	44.2	3.31	7	106.97	0.23	0.30
09:26	5	60	23.3	7.90	487	42.6	3.27	7	106.97	0.23	0.30
09:30	5	80	23.2	7.89	490	41.3	3.24	7	106.97	0.23	0.30
09:34	5	100	23.3	7.87	493	39.7	3.21	6	106.97	0.23	0.30

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?		X		
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~EX-50

Date	05/05/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Na	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Casing Material	Stainless Steel	Measured Well Depth (ft bmp)	
Comments	Extraction port	Odor	none
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	05/05/2020	Total Volume to Remove	
Sample Time	10:23	EB Sample ID	
Sample ID	~EX-50-Q220	EB Time	
Duplicate Sample ID	MW-904-Q220	MS/MSD Sample ID	
Dup Sample Time	10:33	MS/MSD Sample Time	
Single Filter Turbidity	1	Double Filter Turbidity	
Without Filter Turbidity	1	Post Sampling Turbidity	
		Purge Date	05/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:20			22.1	7.77	1295	61.7	3.62	1		0.65	0.84

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: '~EX-50', Date: 2020:05:05 10:19:43, Azimuth: 120.7 SE, Latitude: 34.91095157827959, Longitude: -117.1575720003978

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-103D

Date	05/07/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	96.09
Water Quality Meter	YSI	Gallons in Well	3.84
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	119.64
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	114
Water Column in Well	23.55	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/07/2020	MS/MSD Sample ID	
Sample Time	10:08	MS/MSD Sample Time	
Sample ID	~MW-103D-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	30	Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:46	0.25	1	19.8	7.26	1685	50.3	1.15	286	96.18	0.94	1.21
09:50	0.25	2	20.3	6.91	1668	54.5	1.85	104	96.18	0.93	1.19
09:54	0.25	3	21.3	6.86	1706	56.5	1.90	85	96.20	0.94	1.19
09:58	0.25	4	21.8	6.90	1714	55.7	1.86	33	96.20	0.93	1.18
10:02	0.25	5	21.8	6.88	1721	56.0	1.75	31	96.21	0.93	1.18
10:06	0.25	6	21.9	6.86	1736	56.8	1.71	30	96.22	0.93	1.18

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-103S

Date	05/07/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	86.82
Water Quality Meter	YSI	Gallons in Well	1.11
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	93.65
Casing Material	PVC	Odor	
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	90
Water Column in Well	6.83	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/07/2020	MS/MSD Sample ID	
Sample Time	10:45	MS/MSD Sample Time	
Sample ID	~MW-103S-Q220	Double Filter Turbidity	
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	34	Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:23	0.25	0.75	19.8	6.73	2028	61.1	4.28	1000	87.11	1.16	1.47
10:26	0.25	1.50	20.2	6.66	2054	62.9	3.80	1000	87.12	1.17	1.50
10:29	0.25	2.25	21.1	6.65	2114	63.6	4.15	845	87.12	1.17	1.48
10:32	0.25	3.00	21.5	6.65	2120	64.2	4.21	621	87.13	1.17	1.48
10:35	0.25	3.75	21.6	6.62	2144	64.9	4.24	186	87.15	1.17	1.48
10:38	0.25	4.50	21.8	6.61	2163	66.5	4.15	39	87.19	1.17	1.48
10:41	0.25	5.25	22.0	6.60	2176	67.6	4.10	36	87.20	1.17	1.48
10:44	0.25	6.00	22.5	6.58	2223	62.5	4.02	34	87.21	1.17	1.48

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-110S

Date	05/06/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	79.78
Water Quality Meter	YSI	Gallons in Well	1.73
Casing Material	PVC	Measured Well Depth (ft bmp)	90.38
Casing Diameter (in)	2	Odor	none
Water Column in Well	10.60	Pump Intake Depth (ft bmp)	87
		Total Volume to Remove	1.73
Did Well Dewater?	No	EB Sample ID	
Sample Date	05/06/2020	EB Time	
Sample Time	11:43	MS/MSD Sample ID	
Sample ID	~MW-110S-Q220	MS/MSD Sample Time	
Single Filter Turbidity	5	Double Filter Turbidity	3
Without Filter Turbidity	41	Post Sampling Turbidity	
		Purge Date	05/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:26	0.25	1	23.0	7.76	1751	41.2	3.37	63	80.77	0.89	1.13
11:30	0.25	2	23.2	7.70	1755	40.0	3.34	49	80.77	0.89	1.13
11:34	0.25	3	23.1	7.65	1760	39.1	3.31	44	80.77	0.89	1.13
11:38	0.25	4	23.1	7.64	1763	38.5	3.30	42	80.77	0.89	1.13
11:42	0.25	5	23.2	7.63	1767	37.1	3.28	41	80.77	0.89	1.13

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-133S2

Date	05/07/2020	Sampler	Brian
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2	Depth to Water (ft bmp)	81.30
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

MONITORING WELL
Location name: '-MW-133S2', Date: 2020:05:07 08:29:27, Azimuth: 226.4 SW, Latitude: 34.97810429996581, Longitude: -117.1757220859458

~MW-148S

Date	05/08/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	82.17
Water Quality Meter	YSI	Gallons in Well	11.46
Casing Material	PVC	Measured Well Depth (ft bmp)	99.74
Casing Diameter (in)	4	Odor	none
Water Column in Well	17.57	Pump Intake Depth (ft bmp)	95
		Total Volume to Remove	11.46
Comments	Rf2	EB Sample ID	EB-775-Q220
Did Well Dewater?	No	EB Time	13:00
Sample Date	05/08/2020	MS/MSD Sample ID	
Sample Time	12:50	MS/MSD Sample Time	
Sample ID	~MW-148S-Q220	Double Filter Turbidity	2
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	44	Purge Date	05/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:33	0.75	3	23.8	7.85	1629	31.9	3.18	70	82.74	0.82	1.05
12:37	0.75	6	23.0	7.71	1592	32.6	3.41	48	82.75	0.80	1.03
12:41	0.75	9	23.5	7.68	1577	33.4	3.47	44	82.75	0.82	1.05
12:45	0.75	12	23.4	7.67	1562	34.1	3.49	43	82.75	0.80	1.03
12:49	0.75	15	23.4	7.66	1554	35.4	3.50	44	82.76	0.82	1.05

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~MW-178D

Date	05/06/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	100.79
Water Quality Meter	YSI	Gallons in Well	5.43
Casing Material	PVC	Measured Well Depth (ft bmp)	134.07
Casing Diameter (in)	2	Odor	none
Water Column in Well	33.28	Pump Intake Depth (ft bmp)	129
		Total Volume to Remove	5.43
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/06/2020	MS/MSD Sample ID	
Sample Time	09:14	MS/MSD Sample Time	
Sample ID	~MW-178D-Q220	Double Filter Turbidity	4
Duplicate Sample ID	MW-938-Q220	Post Sampling Turbidity	
Dup Sample Time	09:24	Purge Date	05/06/2020
Single Filter Turbidity	5		
Without Filter Turbidity	46		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:53	0.25	1	22.3	7.35	1545	58.4	3.56	50	101.16	0.78	1.00
08:57	0.25	2	22.0	7.31	1453	60.0	3.64	46	101.16	0.72	0.93
09:01	0.25	3	22.3	7.28	1438	61.2	3.67	47	101.18	0.70	0.91
09:05	0.25	4	22.4	7.27	1409	63.4	3.68	47	101.18	0.70	0.91
09:09	0.25	5	22.5	7.27	1398	65.0	3.70	45	101.18	0.70	0.91
09:13	0.25	6	22.5	7.27	1391	66.1	3.71	46	101.19	0.70	0.91

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-178S

Date	05/06/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	101.53
Water Quality Meter	YSI	Gallons in Well	7.46
Casing Material	PVC	Measured Well Depth (ft bmp)	112.97
Casing Diameter (in)	4	Odor	none
Water Column in Well	11.44	Pump Intake Depth (ft bmp)	108
		Total Volume to Remove	7.46
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/06/2020	MS/MSD Sample ID	
Sample Time	10:05	MS/MSD Sample Time	
Sample ID	~MW-178S-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-929-Q220	Post Sampling Turbidity	
Dup Sample Time	10:15	Purge Date	05/06/2020
Single Filter Turbidity	1		
Without Filter Turbidity	3		

Field Parameters

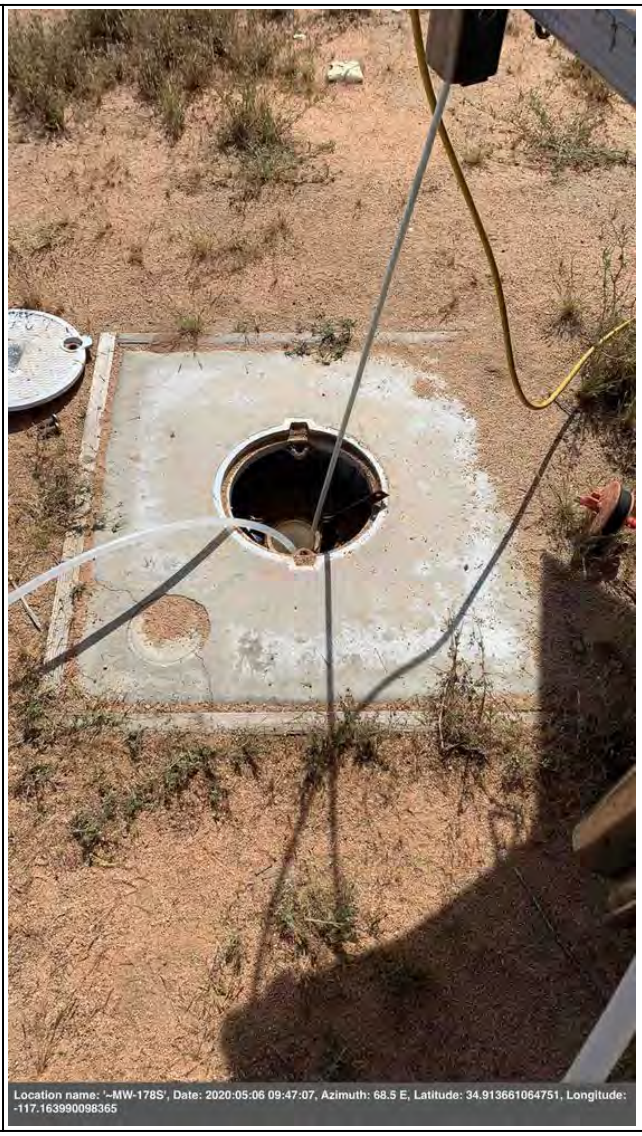
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:48	0.5	2	22.2	7.23	1440	66.2	3.59	3	101.95	0.72	0.93
09:52	0.5	4	22.5	7.23	1409	64.8	3.52	3	101.95	0.70	0.91
09:56	0.5	6	23.4	7.23	1379	63.2	3.47	3	101.95	0.69	0.89
10:00	0.5	8	23.7	7.22	1371	62.4	3.44	3	101.95	0.68	0.88
10:04	0.4	10	23.9	7.22	1362	60.9	3.41	3	101.95	0.68	0.88

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-182D

Date	05/05/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	108.11
Water Quality Meter	YSI	Gallons in Well	2.38
Casing Material	PVC	Measured Well Depth (ft bmp)	122.71
Casing Diameter (in)	2	Odor	none
Water Column in Well	14.60	Pump Intake Depth (ft bmp)	118
		Total Volume to Remove	2.38
Comments	Rf2	EB Sample ID	EB-771-Q220
Did Well Dewater?	No	EB Time	15:50
Sample Date	05/05/2020	MS/MSD Sample ID	
Sample Time	15:35	MS/MSD Sample Time	
Sample ID	~MW-182D-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	05/05/2020

Field Parameters

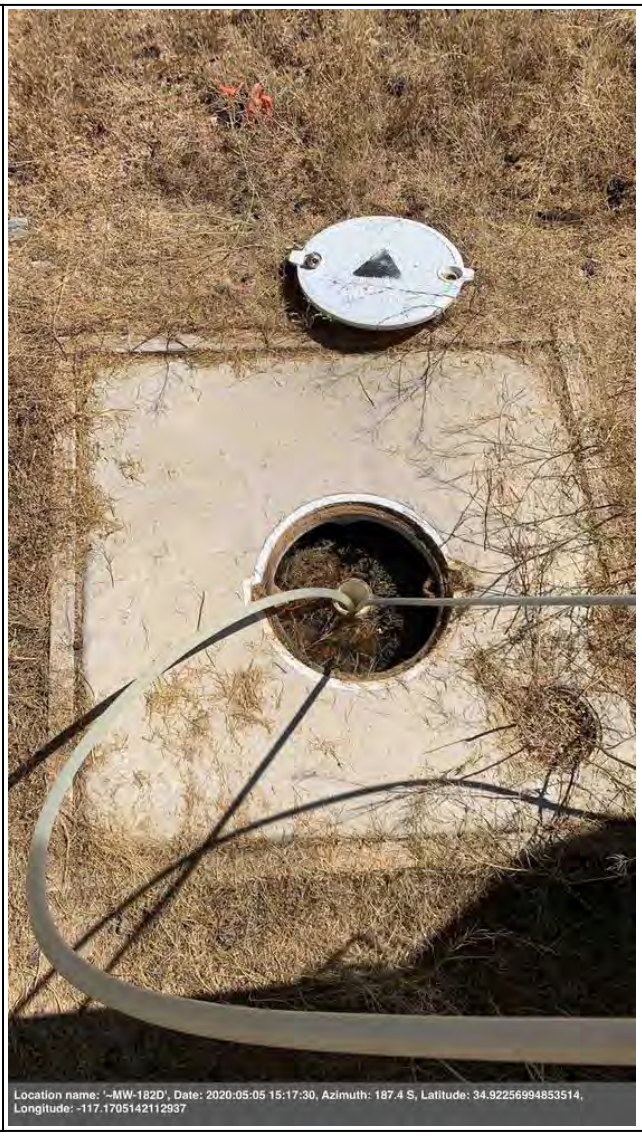
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:18	0.25	1	23.0	7.59	817	59.4	3.40	9	108.27	0.40	0.53
15:22	0.25	2	22.5	7.56	824	61.9	3.52	7	108.27	0.40	0.53
15:26	0.25	3	22.9	7.53	851	63.7	3.58	6	108.27	0.41	0.54
15:30	0.25	4	22.9	7.53	863	64.8	3.62	7	108.27	0.41	0.54
15:34	0.25	5	23.4	7.54	873	66.1	3.65	7	108.27	0.41	0.54

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



Groundwater Monitoring Field Data Form

Site: PGE Hinkley
Hinkley, CA

Project Number:
RC000699.0801

~MW-182S

Date	05/05/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	107.52
Water Quality Meter	YSI	Gallons in Well	3.51
Casing Material	PVC	Measured Well Depth (ft bmp)	112.90
Casing Diameter (in)	4	Odor	none
Water Column in Well	5.38	Pump Intake Depth (ft bmp)	111
		Total Volume to Remove	3.51
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/05/2020	MS/MSD Sample ID	
Sample Time	14:47	MS/MSD Sample Time	
Sample ID	~MW-182S-Q220	Double Filter Turbidity	
Dup Sample Time	15:16	Post Sampling Turbidity	
Single Filter Turbidity	1	Purge Date	05/05/2020
Without Filter Turbidity	3		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:30	0.25	1	23.1	7.48	793	61.9	3.37	3	107.60	0.39	0.52
14:34	0.25	2	22.8	7.46	821	65.1	3.45	3	107.60	0.40	0.53
14:38	0.25	3	22.7	7.47	797	66.9	3.47	3	107.60	0.40	0.53
14:42	0.25	4	23.3	7.47	791	68.2	3.49	3	107.60	0.40	0.53
14:46	0.25	5	22.7	7.48	790	79.9	3.52	3	107.60	0.40	0.53

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~MW-183D

Date	05/05/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	107.07
Water Quality Meter	YSI	Gallons in Well	2.45
Casing Material	PVC	Measured Well Depth (ft bmp)	122.08
Casing Diameter (in)	2	Odor	none
Water Column in Well	15.01	Pump Intake Depth (ft bmp)	117
		Total Volume to Remove	2.45
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/05/2020	MS/MSD Sample ID	
Sample Time	13:59	MS/MSD Sample Time	
Sample ID	~MW-183D-Q220	Double Filter Turbidity	2
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	35	Purge Date	05/05/2020

Field Parameters

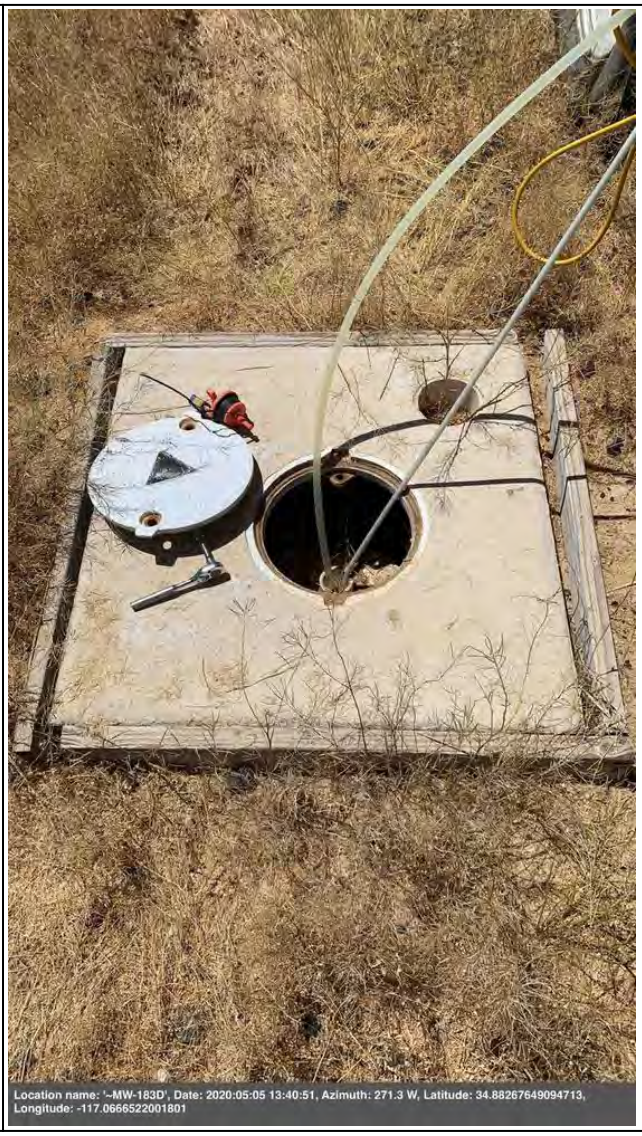
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:42	0.25	1	26.3	7.51	1268	35.9	2.66	48	107.34	0.63	0.82
13:46	0.25	2	26.1	7.52	1284	34.1	2.58	41	107.37	0.63	0.82
13:50	0.25	3	25.6	7.53	1279	32.6	2.53	38	107.40	0.63	0.82
13:54	0.25	4	25.2	7.53	1279	31.9	2.50	37	107.42	0.63	0.82
13:58	0.25	5	25.0	7.54	1273	30.2	2.48	35	107.43	0.63	0.82

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



~MW-183S

Date	05/05/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	107.34
Water Quality Meter	YSI	Gallons in Well	3.42
Casing Material	PVC	Measured Well Depth (ft bmp)	112.58
Casing Diameter (in)	4	Odor	none
Water Column in Well	5.24	Pump Intake Depth (ft bmp)	111
		Total Volume to Remove	3.42
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/05/2020	MS/MSD Sample ID	
Sample Time	13:12	MS/MSD Sample Time	
Sample ID	~MW-183S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	05/05/2020

Field Parameters

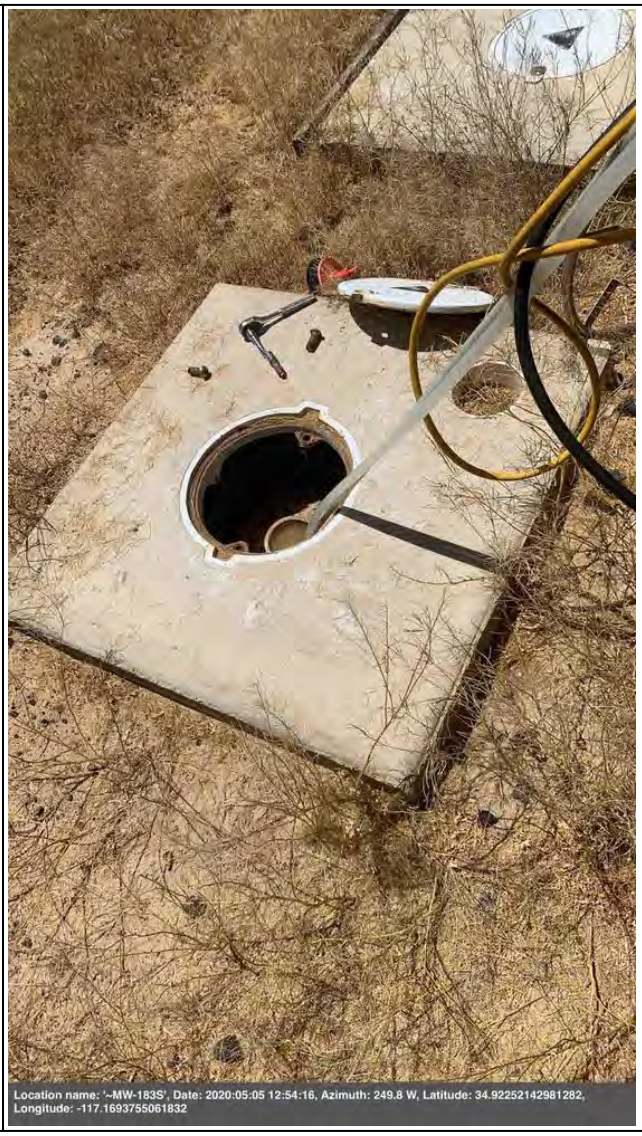
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:55	0.25	1	24.7	7.80	889	41.5	3.06	11	107.47	0.43	0.57
12:59	0.25	2	23.4	7.51	867	39.2	2.98	9	107.47	0.43	0.57
13:03	0.25	3	23.5	7.48	861	37.7	2.93	8	107.47	0.43	0.56
13:07	0.25	4	23.4	7.48	863	36.2	2.90	8	107.47	0.43	0.56
13:11	0.25	5	23.3	7.47	865	35.1	2.88	7	107.47	0.43	0.56

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-184S1

Date	05/07/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	100.41
Water Quality Meter	YSI	Gallons in Well	7.70
Casing Material	PVC	Measured Well Depth (ft bmp)	112.21
Casing Diameter (in)	4	Odor	none
Water Column in Well	11.80	Pump Intake Depth (ft bmp)	108
		Total Volume to Remove	7.70
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/07/2020	MS/MSD Sample ID	
Sample Time	12:50	MS/MSD Sample Time	
Sample ID	~MW-184S1-Q220	Double Filter Turbidity	2
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	42	Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:33	0.5	2	26.8	8.15	1980	-50.4	0.45	91	100.86	1.00	1.28
12:37	0.5	4	26.4	8.14	1994	-52.1	0.42	48	100.89	1.00	1.28
12:41	0.5	6	26.5	8.13	2002	-53.9	0.41	41	100.90	1.00	1.28
12:45	0.5	8	26.8	8.10	2010	-54.6	0.40	40	100.92	1.00	1.28
12:49	0.5	10	26.7	8.09	2008	-55.7	0.40	42	100.93	1.00	1.28

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~MW-184S2

Date	05/07/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	101.45
Water Quality Meter	YSI	Gallons in Well	5.64
Casing Material	PVC	Measured Well Depth (ft bmp)	136.02
Casing Diameter (in)	2	Odor	none
Water Column in Well	34.57	Pump Intake Depth (ft bmp)	131
		Total Volume to Remove	5.64
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/07/2020	MS/MSD Sample ID	
Sample Time	11:35	MS/MSD Sample Time	
Sample ID	~MW-184S2-Q220	Double Filter Turbidity	4
Single Filter Turbidity	6	Post Sampling Turbidity	
Without Filter Turbidity	38	Purge Date	05/07/2020

Field Parameters

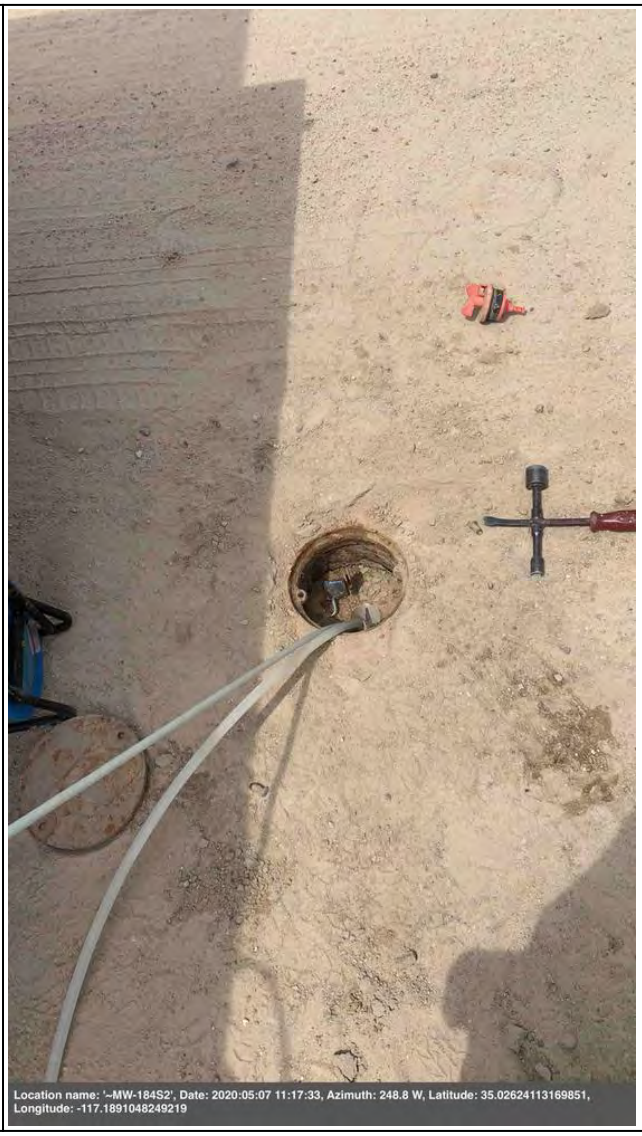
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:18	0.5	2	25.1	8.69	631	-24.1	2.93	47	104.01	0.31	0.40
11:22	0.25	3	26.0	8.70	635	-27.1	2.57	42	104.03	0.30	0.40
11:26	0.25	4	26.4	8.70	628	-28.8	2.50	40	104.04	0.30	0.40
11:30	0.25	5	26.5	8.70	627	-30.0	2.47	39	104.04	0.30	0.40
11:34	0.25	6	26.5	8.70	628	-31.2	2.45	38	104.04	0.30	0.40

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-192D

Date	05/07/2020	Sampler	
Weather Conditions	Sunny	Color	
Comments	DTW ONLY	Casing Volume to Remove	
Did Well Dewater?	NA	Depth to Water (ft bmp)	89.13
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:25											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	
Remarks				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-192S

Date	05/07/2020	Sampler	
Weather Conditions	Sunny	Color	
Comments	DTW ONLY	Casing Volume to Remove	
Did Well Dewater?	No	Depth to Water (ft bmp)	76.04
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:26											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	
Remarks				

Photos and Drawings

~MW-205S2

Date	05/07/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	69.73
Water Quality Meter	YSI	Gallons in Well	8.05
Casing Material	PVC	Measured Well Depth (ft bmp)	119.11
Casing Diameter (in)	2	Odor	none
Water Column in Well	49.38	Pump Intake Depth (ft bmp)	114
		Total Volume to Remove	8.05
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/07/2020	MS/MSD Sample ID	
Sample Time	10:13	MS/MSD Sample Time	
Sample ID	~MW-205S2-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	05/07/2020

Field Parameters

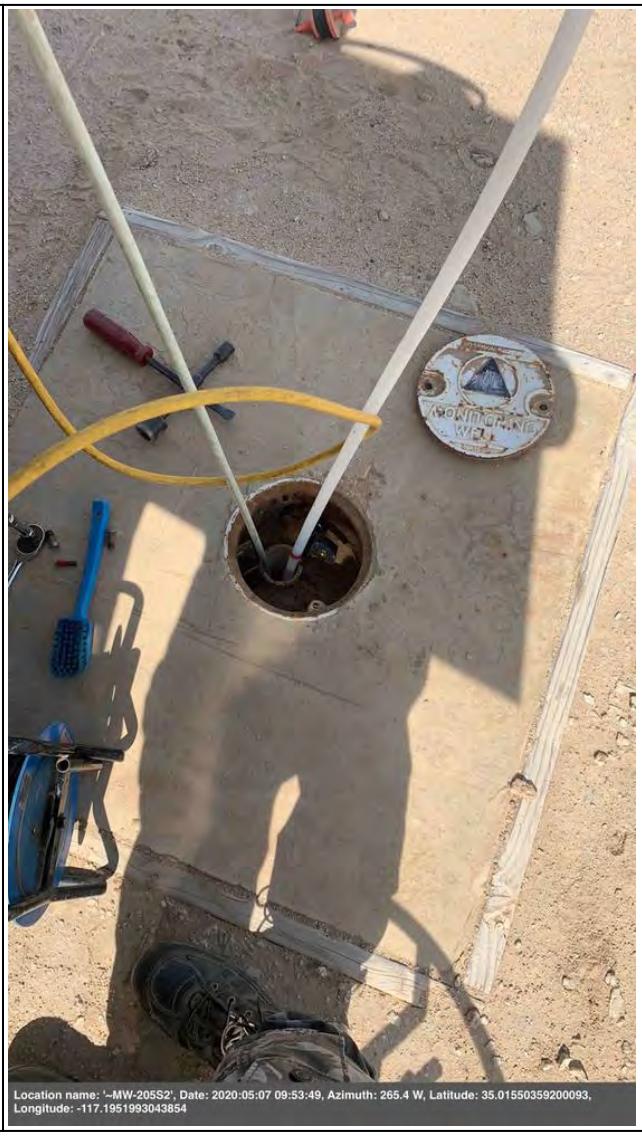
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:56	0.5	2	22.9	8.14	514	-47.1	1.93	10	69.77	0.25	0.33
10:00	0.5	4	22.8	8.13	514	-49.0	1.88	9	69.77	0.25	0.33
10:04	0.5	6	23.3	8.12	515	-50.6	1.85	9	69.77	0.25	0.33
10:08	0.5	8	23.5	8.12	516	-51.9	1.82	8	69.77	0.25	0.33
10:12	0.5	10	23.4	8.11	516	-53.2	1.79	8	69.77	0.25	0.33

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-47

Date	05/07/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	91.16
Water Quality Meter	YSI	Gallons in Well	9.69
Casing Material	PVC	Measured Well Depth (ft bmp)	106.02
Casing Diameter (in)	4	Odor	none
Water Column in Well	14.86	Pump Intake Depth (ft bmp)	102
		Total Volume to Remove	9.69
Comments	Rf2	EB Sample ID	EB-773-Q220
Did Well Dewater?	No	EB Time	15:01
Sample Date	05/07/2020	MS/MSD Sample ID	
Sample Time	14:45	MS/MSD Sample Time	
Sample ID	~MW-47-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:32	0.5	2	22.4	7.65	793	31.4	3.54	5	91.49	0.39	0.51
14:36	0.5	4	23.3	7.62	794	28.5	3.35	5	91.49	0.39	0.51
14:40	0.5	6	23.5	7.62	791	27.4	3.27	5	91.49	0.39	0.51
14:44	0.5	8	24.0	7.61	795	26.4	3.19	5	91.49	0.39	0.51
14:44	0.5	10	24.3	7.60	794	25.3	3.10	5	91.49	0.39	0.51

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-58

Date	05/07/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	90.41
Water Quality Meter	YSI	Gallons in Well	11.65
Casing Material	PVC	Measured Well Depth (ft bmp)	108.26
Casing Diameter (in)	4	Odor	none
Water Column in Well	17.85	Pump Intake Depth (ft bmp)	103
		Total Volume to Remove	11.65
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/07/2020	MS/MSD Sample ID	
Sample Time	14:00	MS/MSD Sample Time	
Sample ID	~MW-58-Q220	Double Filter Turbidity	
Duplicate Sample ID	MW-922-Q220	Post Sampling Turbidity	
Dup Sample Time	14:10	Purge Date	05/07/2020
Single Filter Turbidity	1		
Without Filter Turbidity	7		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:39	0.5	2	23.1	7.74	557	32.0	3.33	8	90.74	0.27	0.37
13:43	0.5	4	23.3	7.73	558	30.8	3.28	8	90.74	0.27	0.37
13:47	0.5	6	23.6	7.70	560	28.3	3.24	8	90.74	0.27	0.37
13:51	0.5	8	23.8	7.69	562	27.4	3.21	7	90.74	0.27	0.37
13:55	0.5	10	23.9	7.65	555	25.8	3.19	7	90.74	0.27	0.37
13:59	0.5	12	23.9	7.66	553	24.0	3.15	7	90.74	0.27	0.37

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~MW-70S

Date	05/06/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	81.21
Water Quality Meter	YSI	Gallons in Well	5.24
Casing Material	PVC	Measured Well Depth (ft bmp)	113.34
Casing Diameter (in)	2	Odor	none
Water Column in Well	32.13	Pump Intake Depth (ft bmp)	108
		Total Volume to Remove	5.24
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/06/2020	MS/MSD Sample ID	
Sample Time	14:19	MS/MSD Sample Time	
Sample ID	~MW-70S-Q220	Double Filter Turbidity	1
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	31	Purge Date	05/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:58	0.25	1	23.4	6.84	6545	73.6	4.03	841	82.36	3.58	4.25
14:02	0.25	2	24.7	6.84	6539	70.2	3.75	242	82.36	3.60	4.28
14:06	0.25	3	24.9	6.83	6588	68.4	3.64	44	82.36	3.60	4.28
14:10	0.25	4	25.0	6.83	6603	66.9	3.60	33	82.36	3.60	4.28
14:14	0.25	5	24.8	6.83	6617	65.0	3.57	30	82.36	3.60	4.28
14:18	0.25	6	24.6	6.82	6639	63.7	3.55	31	82.36	3.60	4.28

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~MW-72S

Date	05/06/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	82.97
Water Quality Meter	YSI	Gallons in Well	2.65
Casing Material	PVC	Measured Well Depth (ft bmp)	99.19
Casing Diameter (in)	2	Odor	none
Water Column in Well	16.22	Pump Intake Depth (ft bmp)	95
		Total Volume to Remove	2.65
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/06/2020	MS/MSD Sample ID	
Sample Time	12:48	MS/MSD Sample Time	
Sample ID	~MW-72S-Q220	Double Filter Turbidity	2
Duplicate Sample ID	MW-919-Q220	Post Sampling Turbidity	
Dup Sample Time	12:58	Purge Date	05/06/2020
Single Filter Turbidity	3		
Without Filter Turbidity	43		

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:31	0.25	1	22.8	7.21	3120	54.2	3.42	90	83.76	1.65	2.05
12:35	0.25	2	24.3	7.12	3624	50.0	3.07	53	83.76	1.90	2.35
12:39	0.25	3	24.9	7.12	3563	47.9	2.95	46	83.76	1.86	2.30
12:43	0.25	4	25.4	7.13	3495	45.2	2.84	45	83.76	1.90	2.36
12:47	0.25	5	25.5	7.13	3466	43.7	2.81	43	83.76	1.90	2.35

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~MW-90C

Date	05/06/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	96.79
Water Quality Meter	YSI	Gallons in Well	11.81
Casing Material	PVC	Measured Well Depth (ft bmp)	169.20
Casing Diameter (in)	2	Odor	none
Water Column in Well	72.41	Pump Intake Depth (ft bmp)	165
		Total Volume to Remove	11.81
Comments	Rf2	EB Sample ID	EB-772-Q220
Did Well Dewater?	No	EB Time	15:41
Sample Date	05/06/2020	MS/MSD Sample ID	
Sample Time	15:26	MS/MSD Sample Time	
Sample ID	~MW-90C-Q220	Double Filter Turbidity	2
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	45	Purge Date	05/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:05	0.5	2	21.7	7.93	3102	60.3	3.71	43	99.16	1.63	2.02
15:09	0.5	4	22.6	7.83	3102	55.8	3.47	45	99.19	1.63	2.02
15:13	0.5	6	23.0	7.81	3106	53.4	3.38	48	99.21	1.62	2.02
15:17	0.5	8	23.8	7.78	3132	51.7	3.33	48	99.24	1.62	2.02
15:21	0.5	10	23.9	7.77	3112	50.6	3.27	47	99.28	1.62	2.02
15:25	0.5	12	23.9	7.76	3140	49.6	3.25	45	99.31	1.62	2.02

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~MW-96S

Date	05/07/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	81.36
Water Quality Meter	YSI	Gallons in Well	2.06
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	93.96
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	89
Water Column in Well	12.6	Total Volume to Remove	2.06
		EB Sample ID	EB-774-Q220
Did Well Dewater?	No	EB Time	14:00
Sample Date	05/07/2020	MS/MSD Sample ID	
Sample Time	13:13	MS/MSD Sample Time	
Sample ID	~MW-96S-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	20	Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:51	0.25	0.75	23.2	8.32	710	90.8	1.99	1000	82.06	0.36	0.47
12:54	0.25	1.50	22.9	8.06	687	97.1	3.00	1000	82.06	0.35	0.47
12:57	0.25	2.25	23.7	7.81	710	100.6	3.15	925	82.06	0.35	0.47
13:00	0.25	3.00	24.5	7.65	706	97.7	2.66	231	82.06	0.35	0.47
13:03	0.25	3.75	24.3	7.70	695	96.1	2.88	65	82.08	0.34	0.46
13:06	0.25	4.50	24.2	7.70	688	94.7	2.95	21	82.08	0.34	0.46
13:09	0.25	5.25	24.3	7.69	673	93.3	3.11	20	82.1	0.34	0.46
13:12	0.25	6.00	24.5	7.66	669	92.8	3.18	20	82.11	0.34	0.46

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~SC-MW-08D

Date	05/07/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	2.5	Depth to Water (ft bmp)	96.62
Comments	DTW ONLY	Gallons in Well	
Did Well Dewater?	NA	Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:20											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

~SC-MW-22S

Date	05/08/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	94.99
Water Quality Meter	YSI	Gallons in Well	1.68
Casing Material	PVC	Measured Well Depth (ft bmp)	105.30
Casing Diameter (in)	2	Odor	none
Water Column in Well	10.31	Pump Intake Depth (ft bmp)	101
		Total Volume to Remove	1.68
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/08/2020	MS/MSD Sample ID	
Sample Time	08:32	MS/MSD Sample Time	
Sample ID	~SC-MW-22S-Q220	Double Filter Turbidity	1
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	30	Purge Date	05/08/2020

Field Parameters

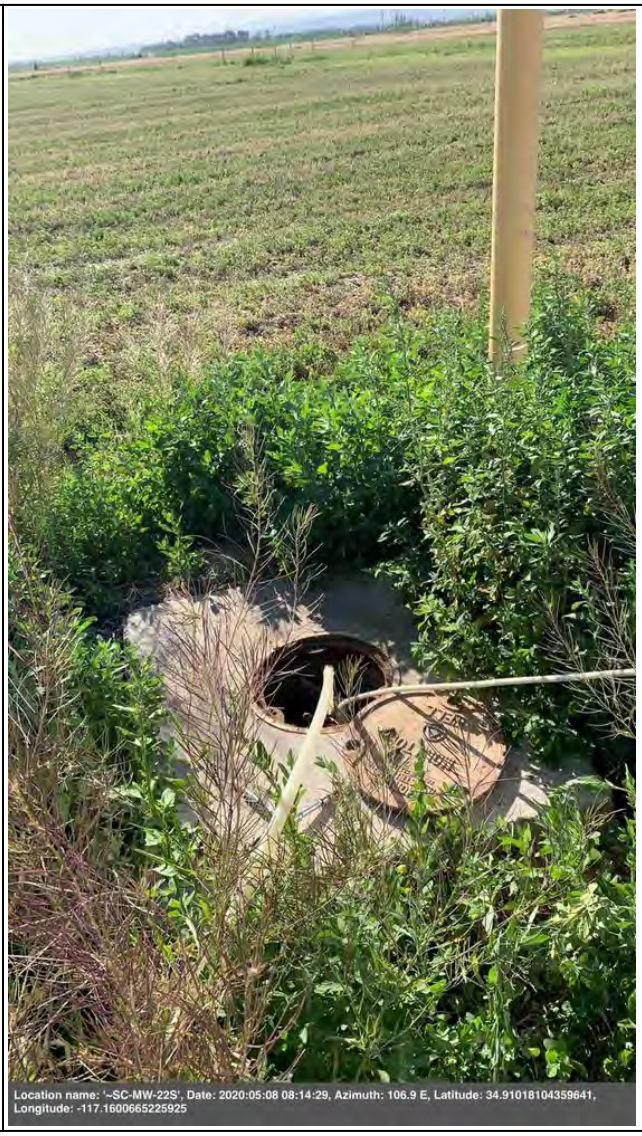
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:15	0.25	1	20.6	7.41	2409	72.1	4.05	82	95.12	1.25	1.57
08:19	0.25	2	21.5	7.30	2564	69.4	3.79	37	95.12	1.33	1.67
08:23	0.25	3	21.9	7.26	2625	67.0	3.65	33	95.12	1.36	1.70
08:27	0.25	4	22.0	7.24	2630	65.4	3.59	31	95.12	1.36	1.70
08:31	0.25	5	22.0	7.23	2648	63.2	3.55	30	95.12	1.36	1.70

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



~X-10

Date	05/05/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	99.18
Water Quality Meter	YSI	Gallons in Well	11.76
Casing Material	PVC	Measured Well Depth (ft bmp)	117.20
Casing Diameter (in)	4	Odor	none
Water Column in Well	18.02	Pump Intake Depth (ft bmp)	113
		Total Volume to Remove	11.76
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/05/2020	MS/MSD Sample ID	
Sample Time	12:15	MS/MSD Sample Time	
Sample ID	~X-10-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	05/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:54	0.5	2	21.7	7.31	1490	54.9	3.72	8	99.85	0.77	0.99
11:58	0.5	4	22.2	7.30	1492	52.0	3.59	7	99.87	0.75	0.96
12:02	0.5	6	23.0	7.29	1507	50.7	3.39	7	99.87	0.76	0.98
12:06	0.5	8	23.2	7.29	1514	49.1	3.31	7	99.88	0.76	0.98
12:10	0.5	10	23.3	7.28	1521	47.8	3.30	6	99.88	0.76	0.98
12:14	0.5	12	23.3	7.28	1525	47.2	3.28	6	99.89	0.76	0.98

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~X-11

Date	05/05/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	95.85
Water Quality Meter	YSI	Gallons in Well	47.74
Casing Material	PVC	Measured Well Depth (ft bmp)	128.37
Casing Diameter (in)	6	Odor	none
Water Column in Well	32.52	Pump Intake Depth (ft bmp)	123
		Total Volume to Remove	47.74
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/05/2020	MS/MSD Sample ID	
Sample Time	11:26	MS/MSD Sample Time	
Sample ID	~X-11-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	4	Purge Date	05/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:05	2	8	21.2	7.60	1297	61.4	3.89	4	100.14	0.65	0.84
11:09	2	16	21.3	7.50	1300	60.6	3.80	4	100.26	0.65	0.84
11:13	2	24	22.1	7.36	1298	59.1	3.64	4	100.39	0.65	0.84
11:17	2	32	22.4	7.34	1297	57.1	3.56	4	100.49	0.65	0.84
11:21	2	40	22.4	7.34	1295	56.3	3.54	4	100.57	0.65	0.84
11:25	2	48	22.4	7.34	1299	54.8	3.53	4	100.65	0.65	0.84

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~YAU

Date	05/05/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Na	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Casing Material	Stainless Steel	Measured Well Depth (ft bmp)	
Comments	Extraction port	Odor	none
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	05/05/2020	Total Volume to Remove	
Sample Time	08:56	EB Sample ID	
Sample ID	~YAU-Q220	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	2	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	05/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:54			21.4	7.51	2214	86.3	3.79	2		1.14	1.63

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: '~YAU', Date: 2020:05:05 08:51:55, Azimuth: 101.0 E, Latitude: 34.93290164214198, Longitude: -117.1604067719719

Groundwater Monitoring Field Data Form

Site: PGE Hinkley
Hinkley, CA

Project Number:
RC000699.0801

~23-30

Date	05/07/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	Stainless Steel	Odor	None
Comments	Resample	Pump Intake Depth (ft bmp)	
Did Well Dewater?	No	Total Volume to Remove	
Sample Date	05/07/2020	EB Sample ID	
Sample Time	08:25	EB Time	
Sample ID	~23-30-Q220	MS/MSD Sample ID	
Single Filter Turbidity	1	MS/MSD Sample Time	
Without Filter Turbidity	1	Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:25	1	5	22.0	6.65	4745	125.4	5.53	1		2.70	3.25

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?		X		
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?			X	
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

May 07,2020 08:23:34 AM
Location:~23-30 Latitude:34.943353 , Longitude:-117.166858

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-28A

Date	05/06/2020	Sampler	Brian
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	4	Depth to Water (ft bmp)	96.22
Water Column in Well	0.00	Gallons in Well	0.00
		Measured Well Depth (ft bmp)	96.22
Comments	Dry	Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	05/06/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: '~MW-28A', Date: 2020:05:06 10:55:57, Azimuth: 226.3 SW, Latitude: 34.92696013580785,
Longitude: -117.1713734827246

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-33A

Date	05/07/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	
Casing Material	PVC	Casing Volume to Remove	
Casing Diameter (in)	4	Depth to Water (ft bmp)	97.97
Comments	DTW ONLY	Gallons in Well	
Did Well Dewater?	No	Measured Well Depth (ft bmp)	
Sample Date	05/07/2020	Odor	
Sample ID	~MW-33A-Q220	Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:42											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	
Remarks				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-36

Date	05/08/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	94.59
Water Quality Meter	YSI	Gallons in Well	17.60
Casing Material	PVC	Measured Well Depth (ft bmp)	106.58
Casing Diameter (in)	6	Odor	none
Water Column in Well	11.99	Pump Intake Depth (ft bmp)	102
		Total Volume to Remove	17.60
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	05/08/2020	MS/MSD Sample ID	
Sample Time	10:48	MS/MSD Sample Time	
Sample ID	~EX-36-Q220	Double Filter Turbidity	2
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	35	Purge Date	05/08/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:31	1	4	22.3	7.97	759	30.2	3.57	74	95.67	0.37	0.49
10:35	1	8	23.1	7.93	758	26.4	3.39	45	95.67	0.37	0.49
10:39	1	12	23.2	7.94	761	23.4	3.35	39	95.67	0.37	0.49
10:43	1	16	23.3	7.94	757	20.7	3.33	37	95.67	0.37	0.49
10:47	1	20	23.3	7.94	757	18.4	3.31	35	95.67	0.37	0.49

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-33B

Date	05/07/2020	Sampler	Andrew Pham
Casing Material	PVC	Color	
Casing Diameter (in)	4	Casing Volume to Remove	
Comments	DTW ONLY	Depth to Water (ft bmp)	103.87
Did Well Dewater?	NA	Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	05/07/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:44											

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?		X		
Action Completed?			X	
Remarks				

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

X-15

Date	06/02/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	100.05
Water Quality Meter	YSI	Gallons in Well	57.91
Casing Material	PVC	Measured Well Depth (ft bmp)	139.50
Casing Diameter (in)	6	Odor	none
Water Column in Well	39.45	Pump Intake Depth (ft bmp)	134
		Total Volume to Remove	57.91
Comments	Rf2	EB Sample ID	EB-777-RE-Q320
Did Well Dewater?	No	EB Time	15:10
Sample Date	06/02/2020	MS/MSD Sample ID	
Sample Time	14:16	MS/MSD Sample Time	
Sample ID	X-15-RE-0620	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	06/02/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:59	3	12	20.9	6.35	1286	35.7	2.94	7	105.12	0.64	0.83
14:03	3	24	20.9	6.34	1290	38.5	3.02	7	105.17	0.64	0.83
14:07	3	36	20.9	6.33	1289	40.1	3.12	6	105.20	0.64	0.83
14:11	3	48	20.9	6.33	1287	41.8	3.16	6	105.21	0.64	0.83
14:15	3	60	20.9	6.33	1292	43.9	3.20	6	105.22	0.64	0.83

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form
Site: PGE Hinkley
Hinkley, CA

Project Number: RC000699.0801

MW-220S

Date	06/02/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	111.32
Water Quality Meter	YSI	Gallons in Well	4.44
Casing Material	PVC	Measured Well Depth (ft bmp)	118.12
Casing Diameter (in)	4	Odor	none
Water Column in Well	6.80	Pump Intake Depth (ft bmp)	115
		Total Volume to Remove	4.44
Comments	QED BLADDER	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/02/2020	MS/MSD Sample ID	
Sample Time	10:48	MS/MSD Sample Time	
Sample ID	MW-220S-RE-0620	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	06/02/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:31	0.1	0.4	23.8	6.60	589	-26.0	0.98	10	111.37	0.28	0.38
10:35	0.1	0.8	23.9	6.61	593	-27.4	0.95	8	111.37	0.28	0.38
10:39	0.1	1.2	23.8	6.60	596	-29.2	0.91	8	111.37	0.28	0.38
10:43	0.1	1.6	23.9	6.60	598	-30.7	0.90	8	111.37	0.28	0.38
10:47	0.1	2.0	23.9	6.60	600	-31.9	0.88	8	111.37	0.28	0.38

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

MW-214S

Date	06/05/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Grey
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	81.65
Water Quality Meter	YSI	Gallons in Well	8.28
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	94.34
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	87.5
Water Column in Well	12.69	Total Volume to Remove	8.28
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/05/2020	MS/MSD Sample ID	
Sample Time	09:50	MS/MSD Sample Time	
Sample ID	MW-214S-RE-0620	Double Filter Turbidity	3
Single Filter Turbidity	14	Post Sampling Turbidity	
Without Filter Turbidity	31	Purge Date	06/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:33	0.5	2	24.2	7.79	438	101	1.94	54	81.70	0.21	0.28
09:37	0.5	4	24.2	7.74	437	103	1.94	31	81.70	0.21	0.28
09:41	0.5	6	24.3	7.67	438	106	1.93	33	81.70	0.21	0.28
09:45	0.5	8	24.6	7.66	438	107	1.93	32	81.70	0.21	0.28
09:49	0.5	10	24.6	7.65	438	108	1.94	31	81.70	0.21	0.28

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

33-26

Date	06/05/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	06/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

SC-MW-02M

Date	06/02/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	103.43
Water Quality Meter	YSI	Gallons in Well	5.21
Casing Material	PVC	Measured Well Depth (ft bmp)	111.41
Casing Diameter (in)	4	Odor	none
Water Column in Well	7.98	Pump Intake Depth (ft bmp)	108
		Total Volume to Remove	5.21
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/02/2020	MS/MSD Sample ID	
Sample Time	11:57	MS/MSD Sample Time	
Sample ID	SC-MW-02M-RE-0620	Double Filter Turbidity	2
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	30	Purge Date	06/02/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:40	0.5	2	21.2	6.45	1445	31.7	3.47	40	103.90	0.73	0.93
11:44	0.5	4	21.3	6.47	1438	30.2	3.36	35	103.91	0.72	0.92
11:48	0.5	6	21.5	6.48	1431	29.0	3.32	33	103.91	0.73	0.93
11:52	0.5	8	21.8	6.48	1424	27.7	3.28	32	103.93	0.73	0.93
11:56	0.5	10	21.9	6.49	1422	26.1	3.25	30	103.93	0.73	0.93

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

X-09-1

Date	06/02/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Na	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Casing Material	Stainless Steel	Measured Well Depth (ft bmp)	
Comments	Port	Odor	none
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	06/02/2020	Total Volume to Remove	
Sample Time	13:25	EB Sample ID	
Sample ID	X-09-RE-0620	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	2	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	06/02/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:24			22.2	6.36	1743	51.1	3.17	2		0.89	1.13

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

X-9
Location name: 'X-09-1', Date: 2020:06:02 13:24:18, Azimuth: 84.6 E, Latitude: 34.91189873033711, Longitude: -117.1583166923145

~BW-01S

Date	06/02/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	89.05
Water Quality Meter	YSI	Gallons in Well	2.53
Casing Material	PVC	Measured Well Depth (ft bmp)	104.55
Casing Diameter (in)	2	Odor	none
Water Column in Well	15.50	Pump Intake Depth (ft bmp)	100
		Total Volume to Remove	2.53
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/02/2020	MS/MSD Sample ID	
Sample Time	08:57	MS/MSD Sample Time	
Sample ID	~BW-01S-RE-0620	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	06/02/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:40	0.25	1	20.9	6.68	1016	-28.2	1.52	25	89.62	0.50	0.66
08:44	0.25	2	21.1	6.69	1018	-26.6	1.62	12	89.62	0.50	0.66
08:48	0.25	3	22.9	6.74	1010	-24.4	1.66	9	89.62	0.50	0.66
08:52	0.25	4	23.2	6.75	1013	-22.6	1.68	7	89.62	0.50	0.66
08:56	0.25	5	23.9	6.80	1015	-21.7	1.70	6	89.62	0.50	0.66

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~EX-03

Date	06/05/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Na	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Casing Material	Stainless Steel	Measured Well Depth (ft bmp)	
Comments	Port	Odor	none
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	06/05/2020	Total Volume to Remove	
Sample Time	10:10	EB Sample ID	EB-781-RE-Q220
Sample ID	~EX-03-RE-0620	EB Time	10:35
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	2	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	06/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:09			20.6	7.31	4142	51.3	5.94	2		2.20	2.69

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: '~EX-03', Date: 2020:06:05 10:07:29, Azimuth: 125.2 SE, Latitude: 34.93207067225206, Longitude: -117.1662241227154

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~EX-04

Date	06/05/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Extraction Port	Casing Volume to Remove	
Purge Volume Units	Na	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Casing Material	Stainless Steel	Measured Well Depth (ft bmp)	
Comments	Port	Odor	none
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	06/05/2020	Total Volume to Remove	
Sample Time	09:49	EB Sample ID	
Sample ID	~EX-04-RE-0620	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	2	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	06/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:47			26.1	7.02	3939	43.0	4.72	2		2.08	2.56

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Location name: '~EX-04', Date: 2020:06:05 09:48:57, Azimuth: 334.6 NW, Latitude: 34.92981106977871, Longitude: -117.171317323515

~EX-31

Date	06/04/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	
Water Quality Meter	YSI	Gallons in Well	
Sampling Type	Extraction port	Measured Well Depth (ft bmp)	
Casing Material	PVC	Odor	None
Did Well Dewater?	No	Pump Intake Depth (ft bmp)	
Sample Date	06/04/2020	Total Volume to Remove	
Sample Time	15:35	EB Sample ID	
Sample ID	~EX-31-RE-0620	EB Time	
Single Filter Turbidity	1	MS/MSD Sample ID	
Without Filter Turbidity	2	MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	06/04/2020

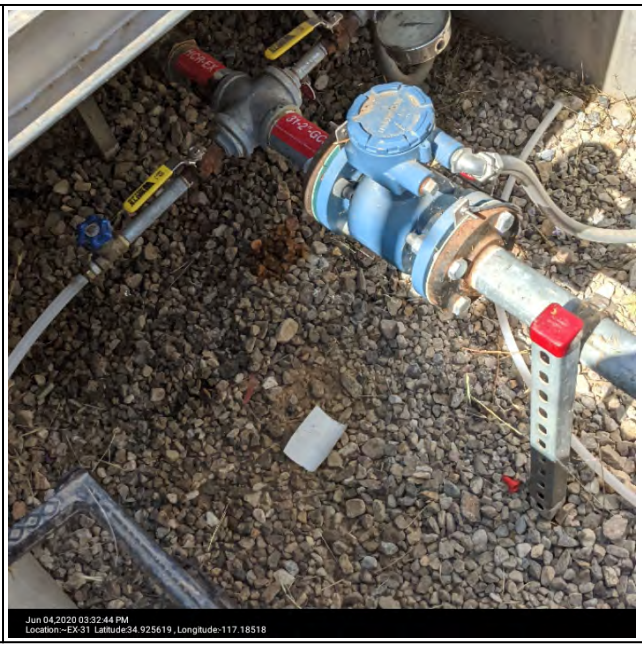
Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
15:35	1	5	22.5	6.55	2869	7.5	8.65	2		1.57	1.96

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings


Jun 04,2020 03:32:44 PM
Location:~EX-31 Latitude:34.925619 ,Longitude:-117.18518

~MW-103D

Date	06/04/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	96.21
Water Quality Meter	YSI	Gallons in Well	3.81
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	119.59
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	114
Water Column in Well	23.38	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/04/2020	MS/MSD Sample ID	
Sample Time	10:15	MS/MSD Sample Time	
Sample ID	~MW-103D-RE-0620	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	06/04/2020

Field Parameters

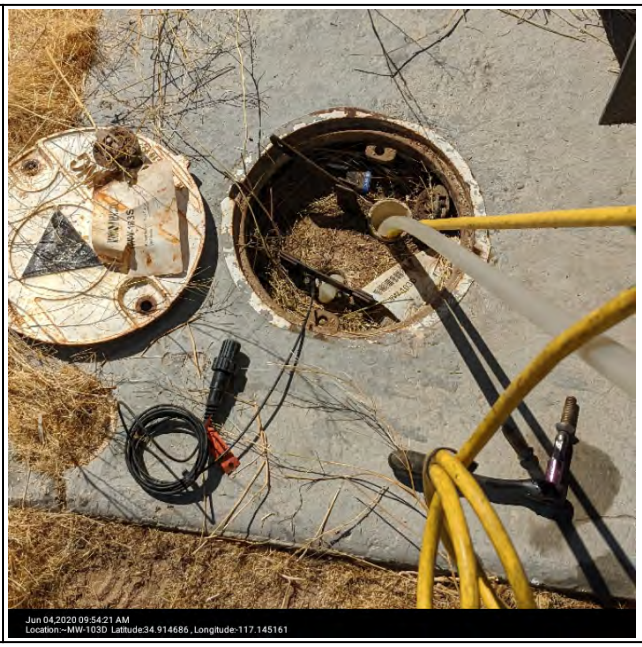
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:58	0.25	1	20.2	6.45	1672	118.5	3.77	352	96.40	0.94	1.20
10:02	0.25	2	21.2	6.39	1692	121.3	3.14	72	96.41	0.93	1.18
10:06	0.25	3	21.4	6.41	1701	119.2	2.88	9	96.42	0.93	1.18
10:10	0.25	4	21.5	6.42	1702	117.4	2.63	9	96.44	0.93	1.18
10:14	0.25	5	21.4	6.43	1698	116.3	2.51	9	96.45	0.93	1.18

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?			X	
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



~MW-123S2

Date	06/05/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	78.92
Water Quality Meter	YSI	Gallons in Well	9.25
Casing Material	PVC	Measured Well Depth (ft bmp)	115.21
Casing Diameter (in)	2.5	Odor	none
Water Column in Well	36.29	Pump Intake Depth (ft bmp)	110
		Total Volume to Remove	9.25
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/05/2020	MS/MSD Sample ID	
Sample Time	08:31	MS/MSD Sample Time	
Sample ID	~MW-123S2-RE-0620	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	06/05/2020

Field Parameters

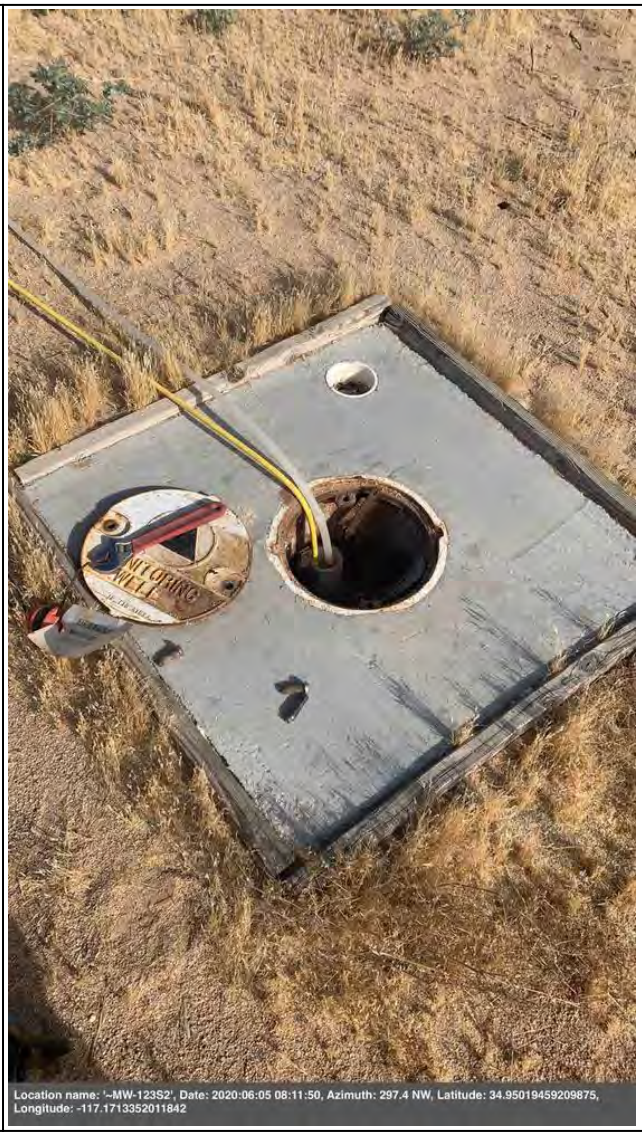
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:14	0.5	2	22.9	7.85	2763	78.2	5.90	10	79.37	1.43	1.80
08:18	0.5	4	23.5	7.51	2860	74.1	5.65	8	79.38	1.49	1.85
08:22	0.5	6	24.8	7.67	2893	72.3	5.52	7	79.38	1.50	1.87
08:26	0.5	8	24.5	7.66	2894	71.0	5.44	7	79.38	1.50	1.88
08:30	0.5	10	24.7	7.64	2899	70.1	5.39	7	79.38	1.50	1.87

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-127S1

Date	06/05/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	82.79
Water Quality Meter	YSI	Gallons in Well	1.89
Casing Material	PVC	Measured Well Depth (ft bmp)	94.37
Casing Diameter (in)	2	Odor	none
Water Column in Well	11.58	Pump Intake Depth (ft bmp)	90
		Total Volume to Remove	1.89
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/05/2020	MS/MSD Sample ID	
Sample Time	09:31	MS/MSD Sample Time	
Sample ID	~MW-127S1-RE-0620	Double Filter Turbidity	2
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	41	Purge Date	06/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:14	0.25	1	23.1	7.33	5155	51.4	5.77	56	83.13	2.78	3.34
09:18	0.25	2	23.0	7.21	5112	49.3	5.46	48	83.14	2.75	3.32
09:22	0.25	3	24.0	7.15	5253	47.4	5.41	44	83.14	2.83	3.41
09:26	0.25	4	24.5	7.09	5219	45.3	5.35	43	83.14	2.80	3.38
09:30	0.25	5	24.7	7.05	5240	43.6	5.30	41	83.14	2.87	3.46

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~MW-130S1

Date	06/03/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	77.25
Water Quality Meter	YSI	Gallons in Well	4.29
Casing Material	PVC	Measured Well Depth (ft bmp)	83.82
Casing Diameter (in)	4	Odor	none
Water Column in Well	6.57	Pump Intake Depth (ft bmp)	82
		Total Volume to Remove	4.29
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/03/2020	MS/MSD Sample ID	
Sample Time	15:14	MS/MSD Sample Time	
Sample ID	~MW-130S1-RE-0620	Double Filter Turbidity	2
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	42	Purge Date	06/03/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:57	0.25	1	22.9	6.87	810	21.9	3.01	62	77.76	0.40	0.52
15:01	0.25	2	23.5	6.85	811	23.2	3.12	48	77.76	0.40	0.52
15:05	0.25	3	24.6	6.91	810	24.2	3.17	44	77.76	0.40	0.52
15:09	0.25	4	24.7	6.94	810	25.8	3.21	45	77.76	0.40	0.52
15:13	0.25	5	24.8	6.96	811	28.0	3.26	42	77.76	0.40	0.52

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~MW-131S1

Date	06/04/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	67.79
Water Quality Meter	YSI	Gallons in Well	10.13
Casing Material	PVC	Measured Well Depth (ft bmp)	83.31
Casing Diameter (in)	4	Odor	none
Water Column in Well	15.52	Pump Intake Depth (ft bmp)	80
		Total Volume to Remove	10.13
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/04/2020	MS/MSD Sample ID	
Sample Time	11:41	MS/MSD Sample Time	
Sample ID	~MW-131S1-RE-0620	Double Filter Turbidity	2
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	41	Purge Date	06/04/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:20	0.5	2	23.2	8.02	1111	73.2	5.80	131	67.14	0.55	0.72
11:24	0.5	4	24.7	7.09	1114	70.5	5.49	70	67.14	0.55	0.72
11:28	0.5	6	23.6	7.07	1115	70.9	5.52	47	67.14	0.55	0.72
11:32	0.5	8	23.7	7.05	1109	68.4	5.44	43	67.14	0.55	0.72
11:36	0.5	10	23.8	7.04	1113	66.2	5.42	40	67.14	0.55	0.72
11:40	0.5	12	23.8	7.02	1116	63.9	5.41	41	67.14	0.55	0.72

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Required Actions				
Action Completed?			X	

Photos and Drawings

~MW-135S1

Date	06/04/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	69.15
Water Quality Meter	YSI	Gallons in Well	3.32
Casing Material	PVC	Measured Well Depth (ft bmp)	89.49
Casing Diameter (in)	2	Odor	none
Water Column in Well	20.34	Pump Intake Depth (ft bmp)	85
		Total Volume to Remove	3.32
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/04/2020	MS/MSD Sample ID	
Sample Time	09:32	MS/MSD Sample Time	
Sample ID	~MW-135S1-RE-0620	Double Filter Turbidity	1
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	27	Purge Date	06/04/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:11	0.25	1	21.8	8.09	559	92.8	6.43	327	70.09	0.27	0.36
09:15	0.25	2	23.4	8.04	561	88.8	6.12	66	70.09	0.27	0.36
09:19	0.25	3	23.9	8.06	574	85.5	6.01	34	70.09	0.27	0.36
09:23	0.25	4	23.5	8.04	583	82.9	5.97	30	70.09	0.27	0.36
09:27	0.25	5	23.9	8.03	592	81.6	5.94	28	70.09	0.27	0.36
09:31	0.25	6	24.1	8.04	599	80.1	5.90	27	70.09	0.27	0.36

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~MW-136S1

Date	06/04/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	69.38
Water Quality Meter	YSI	Gallons in Well	1.95
Casing Material	PVC	Measured Well Depth (ft bmp)	81.32
Casing Diameter (in)	2	Odor	none
Water Column in Well	11.94	Pump Intake Depth (ft bmp)	77
		Total Volume to Remove	1.95
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/04/2020	MS/MSD Sample ID	
Sample Time	08:35	MS/MSD Sample Time	
Sample ID	~MW-136S1-RE-0620	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	06/04/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:18	0.25	1	22.8	7.94	612	80.6	6.02	11	70.01	0.30	0.39
08:22	0.25	2	23.4	7.93	613	76.4	5.73	9	70.01	0.30	0.39
08:26	0.25	3	23.4	7.86	612	74.2	5.68	8	70.01	0.30	0.39
08:30	0.25	4	23.4	7.87	614	72.8	5.63	8	70.01	0.30	0.39
08:34	0.25	5	23.5	7.88	610	70.9	5.61	8	70.01	0.30	0.39

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-147D

Date	06/04/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	82.38
Water Quality Meter	YSI	Gallons in Well	6.05
Casing Material	PVC	Measured Well Depth (ft bmp)	119.45
Casing Diameter (in)	2	Odor	none
Water Column in Well	37.07	Pump Intake Depth (ft bmp)	115
		Total Volume to Remove	6.05
Comments	Rf2	EB Sample ID	EB-780-RE-Q220
Did Well Dewater?	No	EB Time	13:20
Sample Date	06/04/2020	MS/MSD Sample ID	
Sample Time	12:42	MS/MSD Sample Time	
Sample ID	~MW-147D-RE-0620	Double Filter Turbidity	1
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	22	Purge Date	06/04/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:17	0.5	2	23.2	7.29	712	47.6	4.85	403	83.71	0.35	0.46
12:21	0.5	4	24.4	7.23	722	40.9	4.34	156	83.71	0.35	0.47
12:25	0.5	6	24.7	7.20	728	38.2	4.22	52	83.71	0.35	0.46
12:29	0.5	8	24.6	7.18	728	39.3	4.19	28	83.71	0.35	0.47
12:33	0.5	10	24.4	7.14	722	40.1	4.23	24	83.71	0.35	0.46
12:37	0.5	12	24.3	7.12	725	42.9	4.25	23	83.71	0.35	0.47
12:41	0.5	14	24.2	7.11	727	45.1	4.20	22	83.71	0.35	0.46

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-147S

Date	06/05/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Grey
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	81.44
Water Quality Meter	YSI	Gallons in Well	11.12
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	98.49
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	91
Water Column in Well	17.05	Total Volume to Remove	11.12
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/05/2020	MS/MSD Sample ID	
Sample Time	10:27	MS/MSD Sample Time	
Sample ID	~MW-147S-RE-0620	Double Filter Turbidity	2
Single Filter Turbidity	11	Post Sampling Turbidity	
Without Filter Turbidity	48	Purge Date	06/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:06	0.5	2	22.9	7.25	1558	143	2.52	221	81.52	0.79	1.01
10:10	0.5	4	23.0	7.23	1567	144	2.48	121	81.52	0.79	1.02
10:14	0.5	6	23.0	7.21	1586	145	2.48	49	81.52	0.80	1.03
10:18	0.5	8	23.1	7.21	1596	146	2.47	48	81.52	0.80	1.04
10:22	0.5	10	23.1	7.21	1598	147	2.46	47	81.52	0.80	1.04
10:26	0.5	12	23.2	7.21	1604	148	2.43	48	81.52	0.80	1.04

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?		X		
Action Completed?			X	

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-153S

Date	06/05/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	91.81
Water Quality Meter	YSI	Gallons in Well	10.36
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	107.69
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	103
Water Column in Well	15.88	Total Volume to Remove	10.36
		EB Sample ID	EB-782-RE-Q320
Did Well Dewater?	No	EB Time	09:00
Sample Date	06/05/2020	MS/MSD Sample ID	
Sample Time	08:46	MS/MSD Sample Time	
Sample ID	~MW-153S-RE-0620	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	06/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:27	0.5	1.5	22.1	7.23	1005	102.6	5.29	7	91.96	0.53	0.69
08:30	0.5	3	22.9	7.03	1017	111.4	4.23	8	91.96	0.52	0.69
08:33	0.5	4.5	23.5	6.99	959	110.4	4.11	7	91.97	0.48	0.64
08:36	0.5	6	23.7	7.01	907	108.1	4.17	7	91.97	0.46	0.60
08:39	0.5	7.5	23.9	7.05	857	105.3	4.35	7	91.99	0.43	0.57
08:42	0.5	9	24.0	7.06	850	104.5	4.39	7	92.00	0.42	0.56
08:45	0.5	10.5	24.2	7.08	844	102.6	4.50	7	92.00	0.42	0.56

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~MW-162S1

Date	06/03/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	71.00
Water Quality Meter	YSI	Gallons in Well	8.85
Casing Material	PVC	Measured Well Depth (ft bmp)	84.57
Casing Diameter (in)	4	Odor	none
Water Column in Well	13.57	Pump Intake Depth (ft bmp)	80
		Total Volume to Remove	8.85
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/03/2020	MS/MSD Sample ID	
Sample Time	14:25	MS/MSD Sample Time	
Sample ID	~MW-162S1-RE-0620	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	06/03/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:08	0.5	2	23.9	7.77	791	-23.9	2.64	32	73.00	0.38	0.51
14:12	0.5	4	24.2	7.71	798	-21.7	2.80	14	73.01	0.38	0.51
14:16	0.5	6	24.3	7.68	801	-20.6	2.83	9	73.01	0.38	0.51
14:20	0.5	8	24.3	7.65	804	-19.2	2.88	8	73.01	0.38	0.51
14:24	0.5	10	24.3	7.64	803	-18.4	2.90	8	73.02	0.38	0.51

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~MW-177D

Date	06/04/2020	Sampler	
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	
Purge Volume Units	Gal	Depth to Water (ft bmp)	95.41
Water Quality Meter	YSI	Gallons in Well	8.16
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	127.44
Casing Material	PVC	Odor	None
Casing Diameter (in)		Pump Intake Depth (ft bmp)	
Water Column in Well	32.03	Total Volume to Remove	8.16
		EB Sample ID	
Did Well Dewater?	NA	EB Time	
Sample Date	06/04/2020	MS/MSD Sample ID	
Sample Time	13:07	MS/MSD Sample Time	
Sample ID	~MW-177D-Q220	Double Filter Turbidity	
Single Filter Turbidity		Post Sampling Turbidity	
Without Filter Turbidity		Purge Date	06/04/2020

Field Parameters

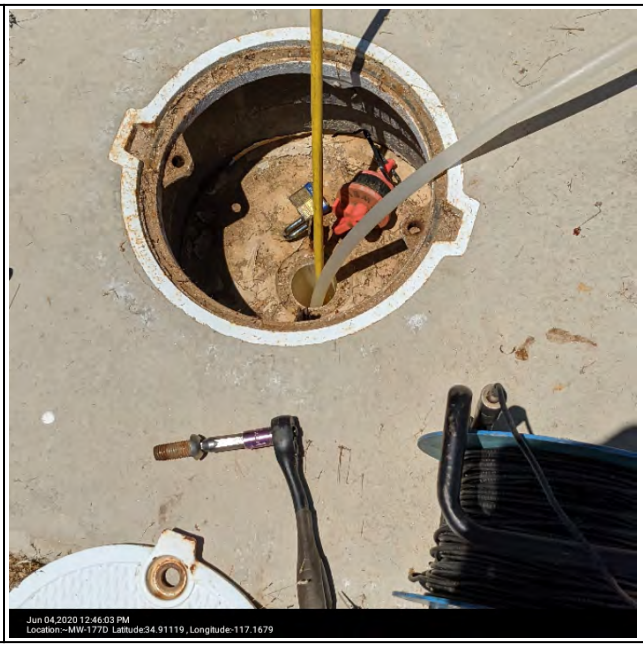
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:50											
12:54	0.5	4	23.8	6.78	467	138.8	5.65	10	95.69	0.23	0.31
12:58	0.5	6	23.7	6.82	469	136.4	5.96	5	95.70	0.23	0.31
13:02	0.5	8	23.7	6.86	467	132.8	6.05	5	95.70	0.23	0.31
13:06	0.5	10	23.7	6.86	469	132.2	6.15	5	95.70	0.23	0.31

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?			X	
Standing or Ponded Water?			X	
Lock in Place?			X	
Evidence of well subsidence?			X	
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?			X	
Concrete Pad Intact?			X	
Erosion Around Wellhead?			X	
Steel Casing Intact?			X	
PVC Cap Present?			X	
Standing Water in Annulus?			X	
Well Casing Intact?			X	
Photo Taken?			X	

Item	Yes	No	NA	Notes
Action Completed?			X	
Remarks				

Photos and Drawings



~MW-177S

Date	06/04/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	95.41
Water Quality Meter	YSI	Gallons in Well	3.28
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	100.44
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	99
Water Column in Well	5.03	Total Volume to Remove	3.28
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/04/2020	MS/MSD Sample ID	
Sample Time	13:07	MS/MSD Sample Time	
Sample ID	~MW-177S-Q220	Double Filter Turbidity	
Single Filter Turbidity	0	Post Sampling Turbidity	
Without Filter Turbidity	5	Purge Date	06/04/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:50	0.5	2	23.3	6.78	463	140.4	5.51	14	95.69	0.23	0.31
12:54	0.5	4	23.8	6.78	467	138.8	5.65	10	95.69	0.23	0.31
13:02	0.5	6	23.7	6.82	469	136.4	5.96	5	95.70	0.23	0.31
13:06	0.5	8	23.7	6.86	467	132.8	6.05	5	95.70	0.23	0.31
13:06	0.5	10	23.7	6.86	469	132.2	6.15	5	95.70	0.23	0.31

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-186S1

Date	06/03/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	3
Purge Volume Units	gal	Depth to Water (ft bmp)	90.81
Water Quality Meter	YSI	Gallons in Well	7.79
Casing Material	PVC	Measured Well Depth (ft bmp)	102.75
Casing Diameter (in)	4	Odor	none
Water Column in Well	11.94	Pump Intake Depth (ft bmp)	99
		Total Volume to Remove	23.37
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/03/2020	MS/MSD Sample ID	
Sample Time	13:40	MS/MSD Sample Time	
Sample ID	~MW-186S1-RE-0620	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	06/03/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:27	0.5	2	22.3	7.06	524	55.1	3.04	10	92.86	0.26	0.34
12:35	0.5	6	22.8	7.19	524	57.6	3.17	8	93.24	0.26	0.34
12:43	0.5	10	23.7	7.29	537	59.2	3.27	8	93.41	0.26	0.35
12:51	0.25	12	23.9	7.30	544	61.1	3.30	7	93.45	0.26	0.34
12:59	0.25	14	23.8	7.31	548	63.1	3.33	7	93.46	0.26	0.35
13:07	0.25	16	24.1	7.32	551	64.8	3.35	7	93.46	0.26	0.34
13:15	0.25	18	24.2	7.32	555	66.4	3.35	7	93.46	0.26	0.35
13:23	0.25	20	24.2	7.33	560	67.1	3.37	7	93.47	0.26	0.34
13:27	0.25	21	24.3	7.33	562	68.6	3.37	7	93.47	0.26	0.35
13:31	0.25	22	24.3	7.34	563	70.0	3.40	8	93.47	0.26	0.34
13:35	0.25	23	24.3	7.34	566	71.9	3.41	8	93.47	0.26	0.35
13:39	0.25	24	24.4	7.34	563	73.0	3.42	8	93.47	0.26	0.34

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			

Item	Yes	No	NA	Notes
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-194S1

Date	06/03/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	3
Purge Volume Units	gal	Depth to Water (ft bmp)	77.26
Water Quality Meter	YSI	Gallons in Well	12.72
Casing Material	PVC	Measured Well Depth (ft bmp)	96.75
Casing Diameter (in)	4	Odor	none
Water Column in Well	19.49	Pump Intake Depth (ft bmp)	93
		Total Volume to Remove	38.16
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/03/2020	MS/MSD Sample ID	
Sample Time	11:46	MS/MSD Sample Time	
Sample ID	~MW-194S1-RE-0620	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	06/03/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:29	0.5	2	22.4	8.29	713	63.0	4.15	173	80.81	0.35	0.46
10:33	0.5	4	22.8	8.16	709	61.7	4.02	41	81.49	0.34	0.46
10:37	0.5	6	22.8	8.10	709	60.3	3.93	36	82.05	0.35	0.46
10:45	0.5	10	23.3	8.15	704	58.8	3.76	32	82.36	0.34	0.46
10:53	0.5	14	23.9	8.20	705	62.9	3.97	30	82.49	0.35	0.46
11:01	0.5	18	24.0	8.23	701	64.1	4.05	29	82.64	0.34	0.45
11:09	0.5	22	24.0	8.26	700	66.9	4.10	20	82.71	0.33	0.44
11:17	0.5	26	24.2	8.27	691	68.4	4.18	12	82.80	0.33	0.44
11:25	0.5	30	24.3	8.28	703	69.7	4.23	10	82.88	0.33	0.44
11:33	0.5	34	24.3	8.29	708	70.3	4.27	9	82.95	0.33	0.44
11:37	0.5	36	24.3	8.30	711	71.8	4.30	9	82.99	0.33	0.44
11:41	0.5	38	24.3	8.31	714	73.0	4.31	8	83.00	0.33	0.44
11:45	0.5	40	24.3	8.31	720	74.1	4.33	8	83.03	0.33	0.44

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	

Item	Yes	No	NA	Notes
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-195S1

Date	06/03/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	3
Purge Volume Units	gal	Depth to Water (ft bmp)	76.44
Water Quality Meter	YSI	Gallons in Well	13.55
Casing Material	PVC	Measured Well Depth (ft bmp)	97.21
Casing Diameter (in)	4	Odor	none
Water Column in Well	20.77	Pump Intake Depth (ft bmp)	93
		Total Volume to Remove	40.65
Comments	Rf2	EB Sample ID	
Did Well Dewater?	Yes	EB Time	
Sample Date	06/03/2020	MS/MSD Sample ID	
Sample Time	15:30	MS/MSD Sample Time	
Sample ID	~MW-195S1-Q220	Double Filter Turbidity	1
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	06/03/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:15	0.5	2	22.0	9.35	626	62.3	4.33	7	82.07	0.30	0.40
09:19	0.5	4	22.5	9.14	625	57.8	4.11	5	84.57	0.30	0.40
09:23	0.5	6	23.0	9.10	619	53.2	3.89	5	86.26	0.30	0.40
09:27	0.5	8	23.3	9.07	601	50.3	3.85	5	88.02	0.30	0.40
09:31	0.5	10	23.3	9.08	591	48.9	3.77	5	89.93	0.30	0.40
09:35	0.5	12	23.3	9.10	611	48.1	3.77	5	91.40	0.30	0.40
09:39	0.5	14	23.3	9.13	621	47.2	3.76	5	92.13	0.30	0.40
15:27			22.1	8.87	628	55.2	3.85	9	77.01	0.33	0.43

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-201S

Date	06/04/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	83.12
Water Quality Meter	YSI	Gallons in Well	10.17
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	98.71
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	93
Water Column in Well	15.59	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/04/2020	MS/MSD Sample ID	
Sample Time	14:03	MS/MSD Sample Time	
Sample ID	~MW-201S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	06/04/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:43	0.5	1.5	23.5	7.11	774	130.5	7.66	41	83.20	0.39	0.52
13:46	0.5	3	24.2	6.98	787	136.1	7.16	33	83.20	0.39	0.52
13:49	0.5	4.5	24.4	6.99	780	133.9	7.04	22	83.20	0.39	0.51
13:52	0.5	6	24.3	7.02	778	131.8	7.02	16	83.21	0.39	0.51
13:55	0.5	7.5	24.4	7.05	779	131.1	7.02	7	83.22	0.38	0.51
13:58	0.5	9	24.4	7.04	779	128.7	7.04	7	83.22	0.38	0.51
14:02	0.5	10.5	24.3	7.05	782	128.2	7.05	7	83.25	0.39	0.51

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-202S

Date	06/04/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	89.51
Water Quality Meter	YSI	Gallons in Well	10.06
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	104.93
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	100
Water Column in Well	15.42	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/04/2020	MS/MSD Sample ID	
Sample Time	14:36	MS/MSD Sample Time	
Sample ID	~MW-202S-Q220	Double Filter Turbidity	
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	25	Purge Date	06/04/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:17	0.5	1.5	23.2	7.09	531	125.3	8.60	78	89.64	0.26	0.36
14:20	0.5	3	23.3	7.03	538	128.4	8.48	51	89.64	0.27	0.35
14:23	0.5	4.5	23.7	6.95	542	132.8	8.45	29	89.65	0.26	0.36
14:26	0.5	6	24.0	6.93	528	131.6	8.41	25	89.65	0.26	0.36
14:29	0.5	7.5	24.4	6.94	546	128.6	8.37	26	89.66	0.27	0.37
14:32	0.5	9	24.4	6.95	556	126.6	8.38	25	89.67	0.27	0.37
14:35	0.5	10.5	24.4	6.95	560	125.6	8.40	25	89.67	0.27	0.37

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-203D

Date	06/03/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	69.89
Water Quality Meter	YSI	Gallons in Well	7.79
Casing Material	PVC	Measured Well Depth (ft bmp)	117.64
Casing Diameter (in)	2	Odor	none
Water Column in Well	47.75	Pump Intake Depth (ft bmp)	113
		Total Volume to Remove	7.79
Comments	Rf2	EB Sample ID	EB-778-RE-Q220
Did Well Dewater?	Yes	EB Time	16:10
Sample Date	06/03/2020	MS/MSD Sample ID	
Sample Time	16:00	MS/MSD Sample Time	
Sample ID	~MW-203D-RE-0620	Double Filter Turbidity	2
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	17	Purge Date	06/03/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:17	0.5	2	22.2	7.82	1126	-21.4	2.13	8	86.12	0.56	0.72
08:21	0.5	4	23.6	7.71	1063	-31.4	2.02	8	93.99	0.53	0.69
08:25	0.5	6	23.8	7.69	1048	-35.8	1.97	8	98.41	0.52	0.68
08:29	0.5	8	24.7	7.61	1027	-38.3	1.92	9	103.64	0.50	0.65
08:33	0.5	10	24.6	7.60	1004	-39.8	1.88	9	108.19	0.49	0.65
15:55			23.1	7.52	1043	-26.1	3.00	17	70.36	0.47	0.63

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~MW-204S2

Date	06/04/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	64.26
Water Quality Meter	YSI	Gallons in Well	9.86
Casing Material	PVC	Measured Well Depth (ft bmp)	124.73
Casing Diameter (in)	2	Odor	none
Water Column in Well	60.47	Pump Intake Depth (ft bmp)	120
		Total Volume to Remove	9.86
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/04/2020	MS/MSD Sample ID	
Sample Time	10:26	MS/MSD Sample Time	
Sample ID	~MW-204S2-RE-0620	Double Filter Turbidity	2
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	45	Purge Date	06/04/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:09	0.5	2	22.5	7.33	467	93.7	6.11	73	66.66	0.22	0.30
10:13	0.5	4	23.4	7.62	472	88.7	5.63	57	66.66	0.23	0.30
10:17	0.5	6	23.4	7.60	477	87.2	5.47	49	66.66	0.23	0.30
10:21	0.5	8	23.9	7.61	485	85.9	5.42	47	66.66	0.23	0.30
10:25	0.5	10	23.7	7.60	489	84.5	5.40	45	66.66	0.23	0.30

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~MW-206S

Date	06/05/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	79.93
Water Quality Meter	YSI	Gallons in Well	6.49
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	89.88
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	85
Water Column in Well	9.95	Total Volume to Remove	6.49
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/05/2020	MS/MSD Sample ID	
Sample Time	07:57	MS/MSD Sample Time	
Sample ID	~MW-206S-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	10	Purge Date	06/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
07:40	0.5	2	20.7	6.24	9059	100.8	5.05	72	80.43	5.53	6.40
07:44	0.5	4	21.1	6.26	8844	100.9	5.02	31	80.44	5.41	6.18
07:48	0.5	6	21.7	6.30	8506	102.0	5.60	11	80.44	5.04	5.89
07:52	0.5	8	21.6	6.31	8445	102.4	5.75	10	80.46	5.05	5.84
07:56	0.5	10	21.9	6.31	8483	102.7	5.62	10	80.46	5.01	5.82

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~MW-58

Date	06/05/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	90.78
Water Quality Meter	YSI	Gallons in Well	9.24
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	104.94
Casing Material	PVC	Odor	None
Casing Diameter (in)	4	Pump Intake Depth (ft bmp)	100
Water Column in Well	14.16	Total Volume to Remove	9.24
		EB Sample ID	Eb-783-re-q220
Did Well Dewater?	No	EB Time	11:10
Sample Date	06/05/2020	MS/MSD Sample ID	
Sample Time	11:05	MS/MSD Sample Time	
Sample ID	~MW-58-RE-0620	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	06/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:49	0.5	2	22.3	7.46	514	136	2.23	20	90.84	0.25	0.33
10:53	0.5	4	22.2	7.45	513	135	2.22	6	90.84	0.25	0.33
10:57	0.5	6	22.0	7.43	512	133	2.18	6	90.84	0.25	0.33
11:01	0.5	8	22.1	7.40	510	130	2.15	6	90.84	0.25	0.33
11:04	0.5	10	22.2	7.39	509	128	2.10	6	90.84	0.25	0.33

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-73D

Date	06/04/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	108.90
Water Quality Meter	YSI	Gallons in Well	4.08
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	133.91
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	128
Water Column in Well	25.01	Total Volume to Remove	4.08
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/04/2020	MS/MSD Sample ID	
Sample Time	12:03	MS/MSD Sample Time	
Sample ID	~MW-73D-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	16	Purge Date	06/04/2020

Field Parameters

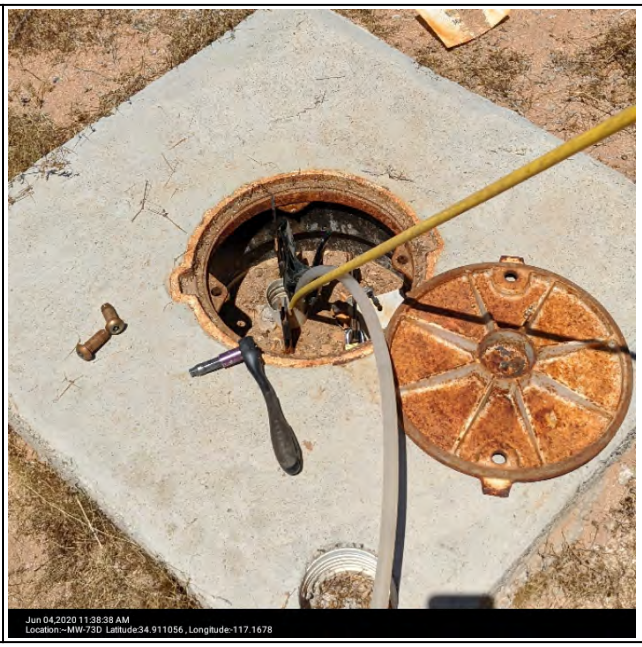
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:42	0.25	1	25.0	7.04	565	120.2	6.18	263	109.04	0.27	0.36
11:46	0.25	2	26.1	6.83	578	130.6	5.65	101	109.06	0.27	0.37
11:50	0.25	3	26.3	6.88	583	127.0	5.79	69	109.05	0.27	0.37
11:54	0.25	4	26.3	6.90	570	125.4	5.84	17	109.06	0.27	0.37
11:58	0.25	5	25.8	6.92	576	121.1	6.01	16	109.05	0.27	0.37
12:02	0.25	6	25.8	6.91	577	120.4	6.04	16	109.09	0.27	0.37

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



~MW-97S

Date	06/05/2020	Sampler	Riggie
Weather Conditions	Sunny	Color	Brown
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	86.31
Water Quality Meter	YSI	Gallons in Well	1.31
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	94.33
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	87.5
Water Column in Well	8.02	Total Volume to Remove	1.31
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/05/2020	MS/MSD Sample ID	
Sample Time	08:25	MS/MSD Sample Time	
Sample ID	~MW-97S-RE-0620	Double Filter Turbidity	3
Single Filter Turbidity	5	Post Sampling Turbidity	
Without Filter Turbidity	45	Purge Date	06/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:08	0.25	1	23.8	7.01	396	42	2.16	44	86.40	0.19	0.25
08:12	0.25	2	24.3	7.08	393	43	2.10	42	86.40	0.19	0.25
08:16	0.25	3	24.5	7.13	390	44	2.10	43	86.40	0.19	0.25
08:20	0.25	4	24.6	7.15	386	45	2.09	45	86.40	0.18	0.25
08:24	0.25	5	24.6	7.16	383	46	2.05	45	86.40	0.18	0.25

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~SA-MW-02S

Date	06/02/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	93.42
Water Quality Meter	YSI	Gallons in Well	2.43
Casing Material	PVC	Measured Well Depth (ft bmp)	108.31
Casing Diameter (in)	2	Odor	none
Water Column in Well	14.89	Pump Intake Depth (ft bmp)	104
		Total Volume to Remove	2.43
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/02/2020	MS/MSD Sample ID	
Sample Time	09:53	MS/MSD Sample Time	
Sample ID	~SA-MW-02S-Q220	Double Filter Turbidity	1
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	42	Purge Date	06/02/2020

Field Parameters

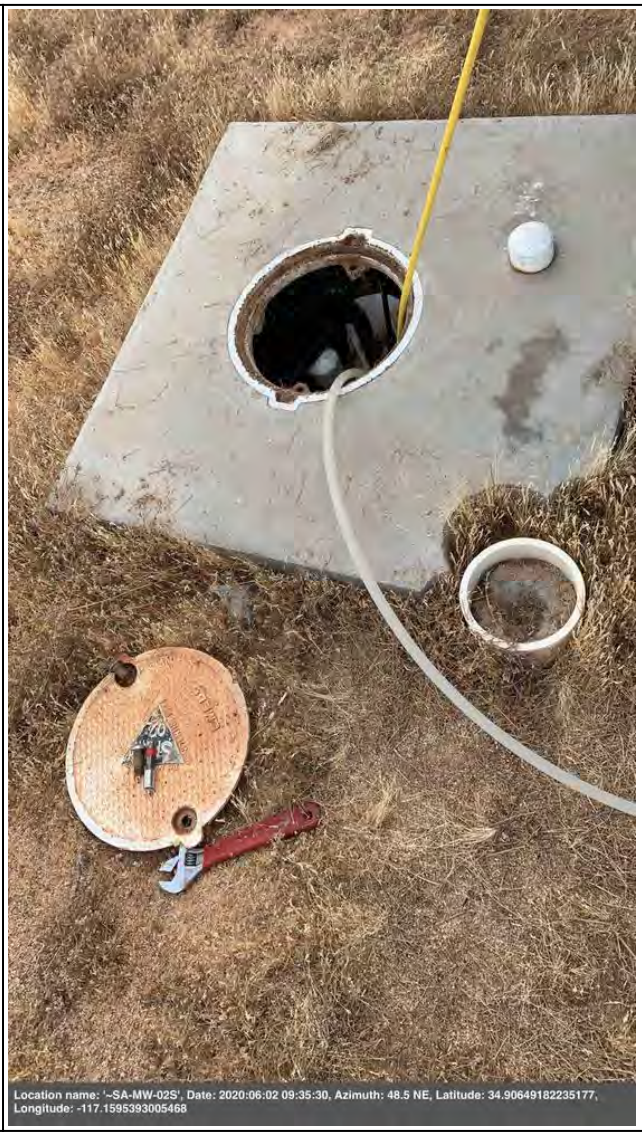
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
09:36	0.25	1	22.1	7.93	1009	33.1	3.28	88	93.81	0.50	0.65
09:40	0.25	2	22.6	7.90	1010	30.9	3.06	52	93.81	0.50	0.65
09:44	0.25	3	22.5	7.87	1001	34.5	3.10	45	93.84	0.49	0.65
09:48	0.25	4	22.8	7.85	1004	36.4	3.14	43	93.85	0.50	0.65
09:52	0.25	5	23.1	7.84	1007	37.9	3.17	42	93.86	0.50	0.65

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



Groundwater Monitoring Field Data Form

Site: PGE Hinkley
Hinkley, CA

Project Number:
RC000699.0801

~SA-MW-27D

Date	06/04/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	97.73
Water Quality Meter	YSI	Gallons in Well	2.93
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	115.70
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	110
Water Column in Well	17.97	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/04/2020	MS/MSD Sample ID	
Sample Time	09:25	MS/MSD Sample Time	
Sample ID	~SA-MW-27D-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	30	Purge Date	06/04/2020

Field Parameters

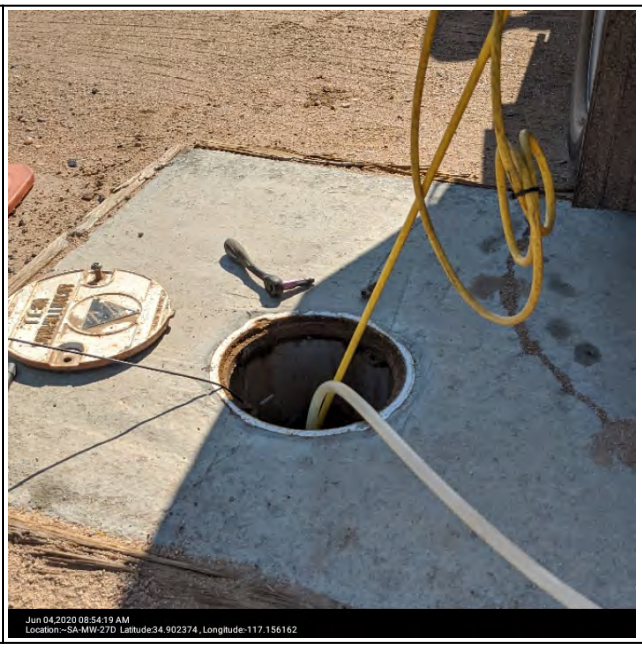
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:56	0.25	1	21.8	6.84	719	137.4	6.24	1000	97.88	0.39	0.49
09:00	0.25	2	23.1	6.75	726	139.3	6.08	276	97.88	0.37	0.49
09:04	0.25	3	23.7	6.75	746	133.6	5.92	121	97.89	0.37	0.49
09:08	0.25	4	23.9	6.78	746	128.0	5.49	79	97.89	0.37	0.49
09:12	0.25	5	23.9	6.79	734	126.4	5.36	42	97.90	0.37	0.49
09:16	0.25	6	23.9	6.81	766	124.2	5.48	30	97.90	0.37	0.49
09:20	0.25	7	23.8	6.80	759	123.5	5.66	29	97.90	0.37	0.49
09:24	0.25	8	23.8	6.81	742	123.4	5.68	30	97.91	0.36	0.49

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			

Item	Yes	No	NA	Notes
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



~SA-MW-33S

Date	06/04/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	92.19
Water Quality Meter	YSI	Gallons in Well	1.49
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	101.33
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	96
Water Column in Well	9.14	Total Volume to Remove	
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/04/2020	MS/MSD Sample ID	
Sample Time	08:28	MS/MSD Sample Time	
Sample ID	~SA-MW-33S-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	10	Purge Date	06/04/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
08:09	0.25	0.75	22.2	6.47	2040	121.3	4.18	485	92.31	1.12	1.43
08:12	0.25	1.50	22.3	6.50	2103	125.5	3.56	581	92.33	1.14	1.44
08:15	0.25	2.25	23.4	6.52	2217	130.5	3.52	189	92.33	1.16	1.46
08:18	0.25	3.00	25.0	6.55	2234	133.6	2.94	45	92.35	1.14	1.46
08:21	0.25	3.75	24.6	6.59	2254	145.5	2.65	11	92.36	1.16	1.47
08:24	0.25	4.50	24.8	6.60	2239	145.1	2.59	10	92.37	1.16	1.47
08:27	0.25	5.25	24.6	6.61	2254	143.9	2.56	10	92.37	1.16	1.47

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		

Item	Yes	No	NA	Notes
Well Casing Intact?	X			
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~SC-MW-04D

Date	06/01/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	103.93
Water Quality Meter	YSI	Gallons in Well	5.70
Casing Material	PVC	Measured Well Depth (ft bmp)	138.89
Casing Diameter (in)	2	Odor	none
Water Column in Well	34.96	Pump Intake Depth (ft bmp)	134
		Total Volume to Remove	5.70
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/01/2020	MS/MSD Sample ID	
Sample Time	11:11	MS/MSD Sample Time	
Sample ID	~SC-MW-04D-RE-0620	Double Filter Turbidity	1
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	23	Purge Date	06/01/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:50	0.25	1	20.2	7.61	1162	-27.0	2.21	151	104.72	0.58	0.76
10:54	0.25	2	20.1	7.44	1168	-22.8	2.26	43	104.73	0.58	0.75
10:58	0.25	3	19.9	7.71	1165	-20.4	2.37	30	104.74	0.58	0.76
11:02	0.25	4	20.4	7.68	1182	-25.3	2.29	25	104.74	0.59	0.76
11:06	0.25	5	21.2	7.70	1194	-27.4	2.27	23	104.75	0.60	0.77
11:10	0.25	6	20.5	7.70	1176	-29.1	2.24	23	104.74	0.60	0.77

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~SC-MW-05D

Date	06/01/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	100.32
Water Quality Meter	YSI	Gallons in Well	6.07
Casing Material	PVC	Measured Well Depth (ft bmp)	137.56
Casing Diameter (in)	2	Odor	none
Water Column in Well	37.24	Pump Intake Depth (ft bmp)	133
		Total Volume to Remove	6.07
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/01/2020	MS/MSD Sample ID	
Sample Time	12:07	MS/MSD Sample Time	
Sample ID	~SC-MW-05D-RE-0620	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	7	Purge Date	06/01/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
11:46	0.5	2	20.3	6.28	1068	-61.8	0.38	264	102.01	0.53	0.69
11:50	0.5	4	21.5	6.27	1059	-64.2	0.31	40	102.03	0.53	0.68
11:54	0.5	6	22.0	6.26	1065	-65.7	0.29	21	102.02	0.53	0.69
11:58	0.5	8	22.0	6.30	1066	-67.1	0.27	10	102.02	0.53	0.68
12:02	0.5	10	22.1	6.30	1067	-68.9	0.26	9	102.04	0.53	0.68
12:06	0.5	12	22.1	6.30	1068	-70.0	0.25	7	102.05	0.53	0.68

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~SC-MW-06D

Date	06/01/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	98.40
Water Quality Meter	YSI	Gallons in Well	7.21
Casing Material	PVC	Measured Well Depth (ft bmp)	142.59
Casing Diameter (in)	2	Odor	none
Water Column in Well	44.19	Pump Intake Depth (ft bmp)	137
		Total Volume to Remove	7.21
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/01/2020	MS/MSD Sample ID	
Sample Time	13:09	MS/MSD Sample Time	
Sample ID	~SC-MW-06D-RE-0620	Double Filter Turbidity	3
Single Filter Turbidity	4	Post Sampling Turbidity	
Without Filter Turbidity	40	Purge Date	06/01/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:52	0.5	2	20.8	6.95	1268	-61.1	2.75	122	101.49	0.64	0.82
12:56	0.5	4	20.7	6.98	1288	-64.9	1.83	60	101.55	0.65	0.84
13:00	0.5	6	22.1	7.00	1321	-65.5	1.73	42	101.57	0.66	0.85
13:04	0.5	8	22.2	7.01	1332	-68.1	1.68	39	101.57	0.67	0.86
13:08	0.5	10	22.7	7.01	1340	-69.7	1.59	40	101.59	0.66	0.85

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

~SC-MW-10S

Date	06/02/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	99.28
Water Quality Meter	YSI	Gallons in Well	2.38
Casing Material	PVC	Measured Well Depth (ft bmp)	113.86
Casing Diameter (in)	2	Odor	none
Water Column in Well	14.58	Pump Intake Depth (ft bmp)	109
		Total Volume to Remove	2.38
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/02/2020	MS/MSD Sample ID	
Sample Time	12:55	MS/MSD Sample Time	
Sample ID	~SC-MW-10S-Q220	Double Filter Turbidity	3
Single Filter Turbidity	5	Post Sampling Turbidity	
Without Filter Turbidity	42	Purge Date	06/02/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
12:34	0.25	1	22.0	6.31	1062	-14.0	1.10	296	100.27	0.53	0.68
12:38	0.25	2	22.3	6.37	1075	-17.3	1.02	70	100.27	0.53	0.68
12:42	0.25	3	22.4	6.38	1091	-19.8	0.97	47	100.27	0.53	0.68
12:46	0.25	4	22.6	6.40	1100	-21.4	0.93	41	100.27	0.53	0.68
12:50	0.25	5	22.7	6.40	1097	-23.2	0.90	44	100.27	0.53	0.68
12:54	0.25	5	22.8	6.41	1092	-24.8	0.87	42	100.26	0.53	0.68

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~SC-MW-26D

Date	06/04/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	99.41
Water Quality Meter	YSI	Gallons in Well	5.27
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	131.75
Casing Material	PVC	Odor	None
Casing Diameter (in)	2	Pump Intake Depth (ft bmp)	126
Water Column in Well	32.34	Total Volume to Remove	5.27
		EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/04/2020	MS/MSD Sample ID	
Sample Time	11:05	MS/MSD Sample Time	
Sample ID	~SC-MW-26D-Q220	Double Filter Turbidity	
Single Filter Turbidity	2	Post Sampling Turbidity	
Without Filter Turbidity	8	Purge Date	06/04/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
10:49	0.5	1.5	21.2	6.94	1121	106.0	2.65	52	99.58	0.60	0.78
10:52	0.5	3	21.7	6.79	1145	114.4	1.88	28	99.58	0.61	0.80
10:55	0.5	4.5	22.3	6.70	1176	117.6	1.68	16	99.58	0.62	0.81
10:58	0.5	6	22.6	6.67	1184	115.8	1.61	8	99.60	0.62	0.81
11:01	0.5	7.5	22.7	6.68	1204	113.6	1.64	8	99.60	0.62	0.81
11:04	0.5	9	22.8	6.68	1196	112.7	1.51	8	99.60	0.63	0.82

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings

~SC-MW-38D

Date	06/01/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	100.79
Water Quality Meter	YSI	Gallons in Well	6.01
Casing Material	PVC	Measured Well Depth (ft bmp)	137.64
Casing Diameter (in)	2	Odor	none
Water Column in Well	36.85	Pump Intake Depth (ft bmp)	133
		Total Volume to Remove	6.01
Comments	Rf2	EB Sample ID	EB-776-RE-Q320
Did Well Dewater?	No	EB Time	15:12
Sample Date	06/01/2020	MS/MSD Sample ID	
Sample Time	14:59	MS/MSD Sample Time	
Sample ID	~SC-MW-38D-RE-0620	Double Filter Turbidity	1
Single Filter Turbidity	3	Post Sampling Turbidity	
Without Filter Turbidity	42	Purge Date	06/01/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:42	0.5	2	21.2	6.34	1381	-7.6	2.05	84	101.36	0.69	0.89
14:46	0.5	4	21.3	6.34	1370	10.3	2.77	47	101.36	0.69	0.89
14:50	0.5	6	21.6	6.37	1359	18.1	2.83	41	101.36	0.68	0.88
14:54	0.5	8	21.7	6.37	1356	19.8	2.86	39	101.35	0.68	0.88
14:58	0.5	10	21.8	6.38	1360	21.2	2.95	42	101.35	0.68	0.88

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?			X	
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings

DVD-EPVT

Date	06/05/2020	Sampler	
		Color	
		Casing Volume to Remove	
		Depth to Water (ft bmp)	
		Gallons in Well	
		Measured Well Depth (ft bmp)	
		Odor	
		Pump Intake Depth (ft bmp)	
		Total Volume to Remove	
		EB Sample ID	
		EB Time	
		MS/MSD Sample ID	
		MS/MSD Sample Time	
		Double Filter Turbidity	
		Post Sampling Turbidity	
		Purge Date	06/05/2020

Field Parameters

Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				

Photos and Drawings

~EX-36

Date	06/04/2020	Sampler	Andrew Pham
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	Gal	Depth to Water (ft bmp)	94.45
Water Quality Meter	YSI	Gallons in Well	8.15
Sampling Type	Low Flow – Grundfos RF2	Measured Well Depth (ft bmp)	100
Casing Material	PVC	Odor	None
Casing Diameter (in)	6	Pump Intake Depth (ft bmp)	99
Water Column in Well	5.55	Total Volume to Remove	8.15
		EB Sample ID	EB-779- RE-Q320
Did Well Dewater?	No	EB Time	15:40
Sample Date	06/04/2020	MS/MSD Sample ID	
Sample Time	15:07	MS/MSD Sample Time	
Sample ID	~EX-36-Q220	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	9	Purge Date	06/04/2020

Field Parameters

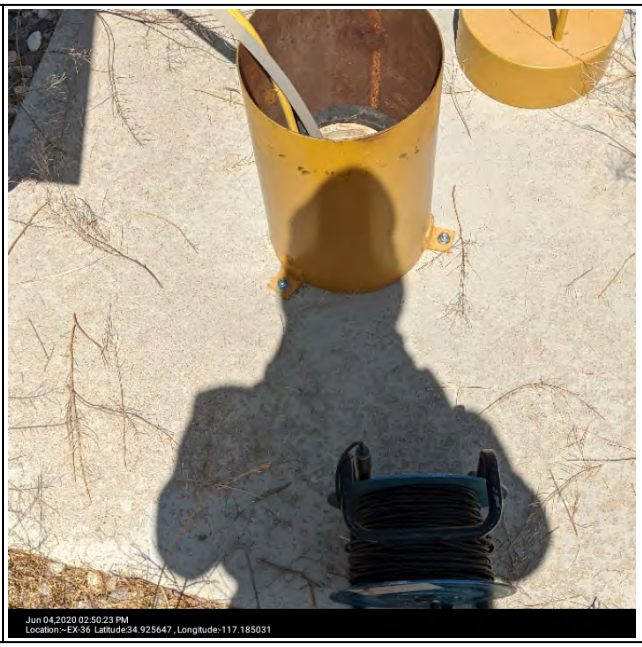
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
14:51	0.5	1.5	22.7	7.05	701	110.7	3.59	111	94.50	0.36	0.47
14:54	0.5	3	22.8	7.03	701	93.7	2.99	57	94.50	0.36	0.47
14:57	0.5	4.5	22.8	7.00	702	72.9	3.18	21	94.51	0.36	0.47
15:00	0.5	6	22.8	7.00	702	65.8	3.33	9	94.51	0.36	0.48
15:03	0.5	7.5	22.8	7.00	706	63.8	3.50	9	94.52	0.36	0.48
15:06	0.5	9	22.8	7.00	707	64.0	3.58	9	94.52	0.36	0.48

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?			X	
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?	X			
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			

Item	Yes	No	NA	Notes
Photo Taken?	X			
Action Completed?			X	

Photos and Drawings



ARCADIS

Groundwater Monitoring Field Data Form

Site: PGE Hinkley

Hinkley, CA

Project Number:
RC000699.0801

~MW-35

Date	06/01/2020	Sampler	Brian
Weather Conditions	Sunny	Color	Clear
Purge Method	Low Flow	Casing Volume to Remove	1
Purge Volume Units	gal	Depth to Water (ft bmp)	98.51
Water Quality Meter	YSI	Gallons in Well	14.02
Casing Material	PVC	Measured Well Depth (ft bmp)	120.00
Casing Diameter (in)	4	Odor	none
Water Column in Well	21.49	Pump Intake Depth (ft bmp)	115
		Total Volume to Remove	14.02
Comments	Rf2	EB Sample ID	
Did Well Dewater?	No	EB Time	
Sample Date	06/01/2020	MS/MSD Sample ID	
Sample Time	14:07	MS/MSD Sample Time	
Sample ID	~MW-35-RE-0620	Double Filter Turbidity	
Single Filter Turbidity	1	Post Sampling Turbidity	
Without Filter Turbidity	6	Purge Date	06/01/2020

Field Parameters

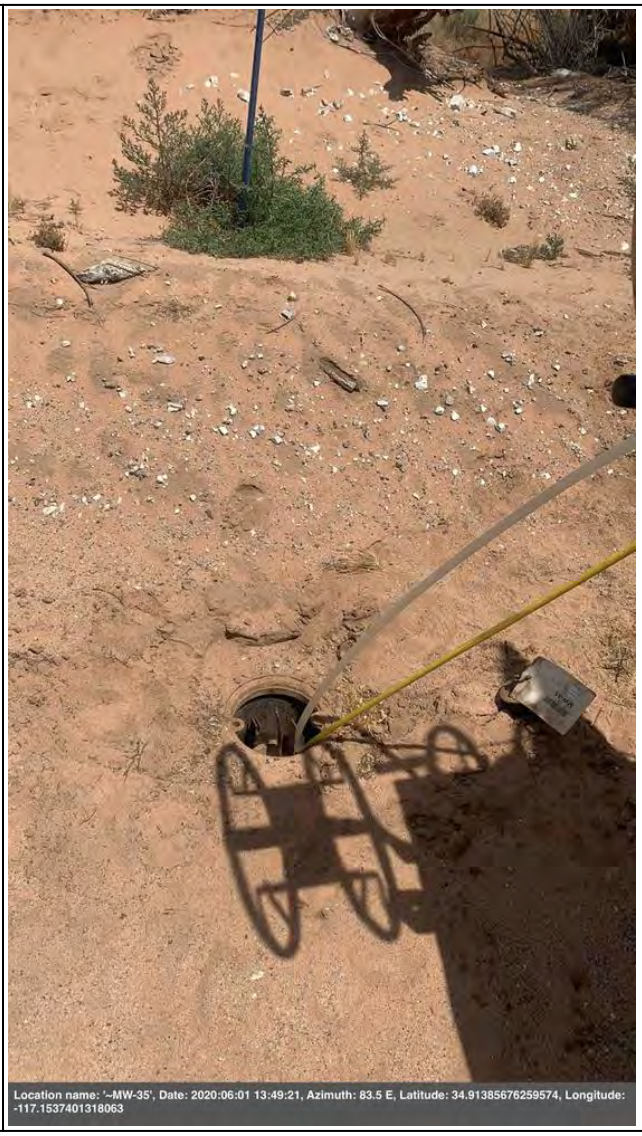
Time	Flow Rate (ml/min or gal/min)	Cuml Vol Purged	Temp (C)	pH	Conductivit (uS/cm)	ORP (mV)	DO (mg/L)	Turbidity (NTU)	DTW (ft)	Salinity (ppt)	TDS (g/L)
13:50	0.75	3	21.7	6.71	1395	-24.8	0.56	14	100.26	0.70	0.90
13:54	0.75	6	22.0	6.73	1402	-15.5	0.89	10	100.26	0.70	0.90
13:58	0.75	9	20.9	6.70	1372	-10.7	1.12	9	100.26	0.69	0.89
14:02	0.75	12	20.9	6.70	1395	-5.1	1.20	7	100.27	0.70	0.90
14:06	0.75	15	20.9	6.70	1388	-4.1	1.24	6	100.29	0.70	0.90

Well Integrity Checklist

Item	Yes	No	NA	Notes
Date				
Time				
Survey Mark Present?	X			
Standing or Ponded Water?		X		
Lock in Place?	X			
Evidence of well subsidence?		X		
Well Labeled on Casing or Pad?	X			
Traffic Poles Intact?	X			
Concrete Pad Intact?	X			
Erosion Around Wellhead?		X		
Steel Casing Intact?			X	
PVC Cap Present?	X			
Standing Water in Annulus?		X		
Well Casing Intact?	X			
Photo Taken?	X			

Item	Yes	No	NA	Notes
Action Completed?			X	

Photos and Drawings



APPENDIX D

Groundwater Level Measurements (provided at Geotracker website

http://geotracker.waterboards.ca.gov/profile_report?global_id=SL0607111288)

Table D-1
Groundwater Level Measurements
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
BW-01D	Deep Zone Upper Aquifer	07/10/2019	2200.34	91.26	2,109.08
		10/21/2019	2200.34	93.23	2,107.11
		01/13/2020	2200.34	92.02	2,108.32
		04/09/2020	2200.34	90.69	2,109.65
BW-01S	Shallow Zone Upper Aquifer	07/10/2019	2200.35	89.87	2,110.48
		10/21/2019	2200.35	89.62	2,110.73
		01/14/2020	2200.35	88.77	2,111.58
		04/09/2020	2200.35	87.52	2,112.83
		06/02/2020	2200.35	89.05	2,111.30
C-01	Upper Aquifer	04/14/2020	ns	85.00	---
C-04	Upper Aquifer	04/14/2020	ns	83.00	---
CA-MW-102D	Deep Zone Upper Aquifer	07/10/2019	2193.55	95.68	2,097.87
		01/07/2020	2193.55	81.41	2,112.14
CA-MW-102S	Shallow Zone Upper Aquifer	07/10/2019	2193.54	99.54	2,094.00
		01/09/2020	2193.54	99.33	2,094.21
CA-MW-104D	Deep Zone Upper Aquifer	07/10/2019	2192.78	96.47	2,096.31
		01/07/2020	2192.78	96.00	2,096.78
CA-MW-105R	Upper Aquifer	07/11/2019	2190.48	98.90	2,091.58
		01/07/2020	2190.48	100.57	2,089.91
CA-MW-106D	Deep Zone Upper Aquifer	07/11/2019	2188.38	93.79	2,094.59
		01/07/2020	2188.38	95.59	2,092.79
CA-MW-107D	Deep Zone Upper Aquifer	07/15/2019	2187.34	94.41	2,092.93
		11/04/2019	2187.34	95.29	2,092.05
		12/03/2019	2187.34	95.25	2,092.09
		01/07/2020	2187.34	95.84	2,091.50
		04/16/2020	2187.34	96.58	2,090.76
CA-MW-107S	Shallow Zone Upper Aquifer	09/05/2019	2187.30	96.35	2,090.95
CA-MW-108S	Shallow Zone Upper Aquifer	07/15/2019	2197.48	105.16	2,092.32
		01/09/2020	2197.48	105.43	2,092.05
CA-MW-201	Shallow Zone Upper Aquifer	07/11/2019	2193.59	100.68	2,092.91
CA-MW-202	Shallow Zone Upper Aquifer	07/11/2019	2192.54	100.40	2,092.14
CA-MW-204D	Deep Zone Upper Aquifer	07/11/2019	2197.10	103.63	2,093.47
		01/09/2020	2197.10	101.15	2,095.95
CA-MW-302D	Deep Zone Upper Aquifer	07/12/2019	2195.66	107.42	2,088.24
		01/09/2020	2195.66	107.25	2,088.41
CA-MW-305	Shallow Zone Upper Aquifer	07/12/2019	2192.26	101.74	2,090.53

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
CA-MW-306D	Deep Zone Upper Aquifer	07/12/2019	2190.55	99.15	2,091.40
		01/08/2020	2190.55	101.78	2,088.77
CA-MW-310D	Deep Zone Upper Aquifer	07/17/2019	2190.29	101.22	2,089.07
		01/09/2020	2190.29	103.00	2,087.29
CA-MW-310S	Shallow Zone Upper Aquifer	07/17/2019	2190.34	101.55	2,088.79
		07/18/2019	2190.34	101.48	2,088.86
		01/09/2020	2190.34	103.41	2,086.93
CA-MW-312D	Deep Zone Upper Aquifer	07/18/2019	2199.76	108.61	2,091.16
		11/04/2019	2199.76	108.18	2,091.59
		01/09/2020	2199.76	108.51	2,091.26
		04/24/2020	2199.76	108.91	2,090.86
CA-MW-313R	Shallow Zone Upper Aquifer	07/19/2019	2198.28	108.60	2,089.68
		11/04/2019	2198.28	108.54	2,089.74
		01/09/2020	2198.28	108.61	2,089.67
		04/24/2020	2198.28	108.90	2,089.38
CA-MW-315D	Deep Zone Upper Aquifer	07/12/2019	2185.95	94.97	2,090.98
		01/09/2020	2185.95	96.42	2,089.53
CA-MW-317D	Deep Zone Upper Aquifer	07/12/2019	2186.12	99.80	2,086.32
		01/09/2020	2186.12	100.52	2,085.60
CA-MW-317S	Shallow Zone Upper Aquifer	07/12/2019	2186.60	97.08	2,089.52
CA-MW-401	Shallow Zone Upper Aquifer	07/12/2019	2194.33	110.35	2,083.98
		01/09/2020	2194.33	111.19	2,083.14
CA-MW-402D	Deep Zone Upper Aquifer	07/12/2019	2192.96	104.51	2,088.45
CA-MW-402S	Shallow Zone Upper Aquifer	07/12/2019	2192.88	109.71	2,083.17
		01/09/2020	2192.88	110.74	2,082.14
CA-MW-403S	Shallow Zone Upper Aquifer	07/12/2019	2192.17	110.08	2,082.09
CA-MW-404D	Deep Zone Upper Aquifer	07/15/2019	2192.27	100.06	2,092.21
CA-MW-404S	Shallow Zone Upper Aquifer	07/15/2019	2192.26	109.92	2,082.34
		01/09/2020	2192.26	111.33	2,080.93
CA-MW-405D	Deep Zone Upper Aquifer	07/15/2019	2192.53	109.86	2,082.67
		01/09/2020	2192.53	110.97	2,081.56
CA-MW-406	Shallow Zone Upper Aquifer	07/17/2019	2191.23	103.94	2,087.29
		01/08/2020	2191.23	105.85	2,085.38
CA-MW-411S	Shallow Zone Upper Aquifer	07/15/2019	2187.11	99.15	2,087.97
		01/10/2020	2187.11	101.09	2,086.03
CA-MW-412D	Shallow Zone Upper Aquifer	07/19/2019	2197.10	109.13	2,087.97

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
CA-MW-412D	Shallow Zone Upper Aquifer	11/04/2019	2197.10	109.26	2,087.84
		01/10/2020	2197.10	109.60	2,087.50
		04/24/2020	2197.10	109.68	2,087.42
CA-MW-412D2	Deep Zone Upper Aquifer	07/18/2019	2196.18	104.50	2,091.68
		11/04/2019	2196.18	104.04	2,092.14
		01/10/2020	2196.18	104.19	2,091.99
		04/24/2020	2196.18	104.59	2,091.59
CA-MW-505	Shallow Zone Upper Aquifer	07/22/2019	2186.11	104.50	2,081.61
		10/22/2019	2186.11	105.06	2,081.05
		01/08/2020	2186.11	104.89	2,081.22
		04/17/2020	2186.11	105.58	2,080.53
CA-MW-506D	Deep Zone Upper Aquifer	07/22/2019	2187.38	106.31	2,081.07
		01/16/2020	2187.38	107.00	2,080.38
CA-MW-508D	Deep Zone Upper Aquifer	08/05/2019	2185.08	104.34	2,080.74
		02/03/2020	2185.08	104.71	2,080.37
CA-MW-508S	Shallow Zone Upper Aquifer	08/05/2019	2185.07	101.21	2,083.86
CA-MW-510D	Deep Zone Upper Aquifer	08/05/2019	2183.91	100.94	2,082.97
		11/06/2019	2183.91	101.61	2,082.30
		02/03/2020	2183.91	102.90	2,081.01
		05/04/2020	2183.91	102.47	2,081.44
CA-MW-601	Shallow Zone Upper Aquifer	08/05/2019	2182.16	104.48	2,077.68
		11/06/2019	2182.16	104.88	2,077.28
		02/03/2020	2182.16	104.59	2,077.57
		05/04/2020	2182.16	105.43	2,076.73
CA-MW-603	Shallow Zone Upper Aquifer	08/05/2019	2181.10	102.37	2,078.73
		11/06/2019	2181.10	102.80	2,078.30
		02/03/2020	2181.10	102.40	2,078.70
		05/04/2020	2181.10	103.29	2,077.81
DW-02	Shallow Zone Upper Aquifer	07/10/2019	2166.48	85.90	2,080.58
		09/05/2019	2166.48	86.05	2,080.43
		10/15/2019	2166.48	86.05	2,080.43
		01/06/2020	2166.48	86.55	2,079.93
		04/17/2020	2166.48	87.25	2,079.23
DW-03	Shallow Zone Upper Aquifer	10/15/2019	2167.77	87.80	2,079.97
		04/09/2020	2167.77	88.43	2,079.34
EX-04	Deep Zone Upper Aquifer	04/14/2020	2167.82	77.30	2,090.52
EX-05	Shallow Zone Upper Aquifer	04/14/2020	2174.47	91.24	2,083.23

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
EX-16	Upper Aquifer	10/18/2019	2181.06	103.20	2,077.86
		04/23/2020	2181.06	103.50	2,077.56
EX-17	Shallow Zone Upper Aquifer	10/25/2019	2185.82	101.62	2,084.20
		04/23/2020	2185.82	101.71	2,084.11
EX-21	Upper Aquifer	10/18/2019	2187.89	105.47	2,082.42
		05/08/2020	2187.89	105.86	2,082.03
EX-23	Upper Aquifer	10/15/2019	2168.03	85.23	2,082.80
		04/24/2020	2168.03	86.86	2,081.17
EX-24	Upper Aquifer	10/15/2019	2166.11	91.93	2,074.18
EX-36	Upper Aquifer	10/17/2019	ns	94.34	---
		12/06/2019	ns	94.46	---
		05/08/2020	ns	94.59	---
		06/04/2020	ns	94.45	---
G-1R	Upper Aquifer	10/17/2019	ns	82.35	---
		04/23/2020	ns	82.80	---
IW-01	Upper Aquifer	04/14/2020	2175.83	84.02	2,091.81
IW-02	Upper Aquifer	04/14/2020	2177.57	85.50	2,092.07
IW-03	Upper Aquifer	04/14/2020	ns	86.00	---
MW-01	Shallow Zone Upper Aquifer	07/24/2019	2202.14	82.01	2,120.13
		10/23/2019	2202.14	83.93	2,118.21
		01/23/2020	2202.14	85.17	2,116.97
		04/22/2020	2202.14	86.09	2,116.05
MW-03	Deep Zone Upper Aquifer	07/25/2019	2197.63	104.72	2,092.91
		10/24/2019	2197.63	106.31	2,091.32
		01/23/2020	2197.63	106.07	2,091.56
		04/22/2020	2197.63	107.42	2,090.21
MW-04	Shallow Zone Upper Aquifer	07/11/2019	2199.70	95.20	2,104.50
		11/08/2019	2199.70	95.99	2,103.71
		01/16/2020	2199.70	96.20	2,103.50
		04/13/2020	2199.70	95.19	2,104.51
MW-05	Shallow Zone Upper Aquifer	10/21/2019	2192.01	101.91	2,090.10
		04/13/2020	2192.01	102.61	2,089.40
MW-06	Shallow Zone Upper Aquifer	07/11/2019	2194.66	103.30	2,091.36
MW-09	Deep Zone Upper Aquifer	10/21/2019	2181.63	101.77	2,079.86
		04/13/2020	2181.63	102.16	2,079.47
MW-10	Deep Zone Upper Aquifer	07/25/2019	2179.94	104.20	2,075.74

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-10	Deep Zone Upper Aquifer	10/24/2019	2179.94	104.60	2,075.34
		02/04/2020	2179.94	103.96	2,075.98
		04/20/2020	2179.94	104.84	2,075.10
MW-100C	Lower Aquifer	07/10/2019	2172.29	97.09	2,075.20
		10/15/2019	2172.29	98.45	2,073.84
		01/10/2020	2172.29	97.26	2,075.03
		04/23/2020	2172.29	98.19	2,074.10
MW-101D	Deep Zone Upper Aquifer	07/10/2019	2172.14	94.12	2,078.02
		09/03/2019	2172.14	94.70	2,077.44
		10/18/2019	2172.14	95.18	2,076.96
		01/10/2020	2172.14	95.02	2,077.12
		04/14/2020	2172.14	95.31	2,076.83
MW-102D	Deep Zone Upper Aquifer	10/21/2019	2181.63	98.21	2,083.42
		12/03/2019	2181.63	98.05	2,083.58
		04/15/2020	2181.63	99.11	2,082.52
MW-103D	Deep Zone Upper Aquifer	06/04/2020	2186.54	96.21	2,090.33
MW-104D	Deep Zone Upper Aquifer	10/22/2019	2148.01	80.84	2,067.17
MW-104S1	Shallow Zone Upper Aquifer	07/09/2019	2148.45	77.11	2,071.34
		10/22/2019	2148.45	77.25	2,071.20
		04/07/2020	2148.45	77.28	2,071.17
MW-104S2	Shallow Zone Upper Aquifer	10/22/2019	2147.91	76.94	2,070.97
MW-105D	Deep Zone Upper Aquifer	07/09/2019	2154.26	80.38	2,073.89
		10/10/2019	2154.26	80.83	2,073.44
		01/07/2020	2154.26	80.88	2,073.39
		04/06/2020	2154.26	80.34	2,073.93
MW-105S	Shallow Zone Upper Aquifer	07/09/2019	2154.15	78.02	2,076.13
		09/03/2019	2154.15	78.13	2,076.02
		10/10/2019	2154.15	78.22	2,075.93
		01/07/2020	2154.15	78.32	2,075.83
		04/06/2020	2154.15	78.45	2,075.70
MW-106D	Deep Zone Upper Aquifer	07/09/2019	2151.73	83.40	2,068.33
		10/14/2019	2151.73	83.30	2,068.43
		01/13/2020	2151.73	83.05	2,068.68
		04/06/2020	2151.73	83.11	2,068.62
MW-106S	Shallow Zone Upper Aquifer	07/09/2019	2151.78	70.44	2,081.34
		10/14/2019	2151.78	78.45	2,073.33
		01/13/2020	2151.78	78.51	2,073.27

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-106S	Shallow Zone Upper Aquifer	04/06/2020	2151.78	78.68	2,073.10
MW-107D	Deep Zone Upper Aquifer	10/11/2019	2155.55	79.79	2,075.76
		04/07/2020	2155.55	78.49	2,077.06
MW-107S	Shallow Zone Upper Aquifer	10/11/2019	2155.49	78.22	2,077.27
		04/07/2020	2155.49	78.32	2,077.17
MW-108D	Deep Zone Upper Aquifer	07/10/2019	2176.18	99.89	2,076.29
		10/18/2019	2176.18	101.00	2,075.18
		12/03/2019	2176.18	100.41	2,075.77
		01/13/2020	2176.18	100.40	2,075.78
		04/13/2020	2176.18	100.86	2,075.32
MW-109	Shallow Zone Upper Aquifer	07/10/2019	2172.04	96.02	2,076.02
		10/24/2019	2172.04	96.91	2,075.13
		12/03/2019	2172.04	96.50	2,075.54
		01/13/2020	2172.04	96.38	2,075.66
		03/04/2020	2172.04	96.45	2,075.59
		04/13/2020	2172.04	96.90	2,075.14
MW-110S	Shallow Zone Upper Aquifer	10/21/2019	2171.52	79.78	2,091.74
		12/04/2019	2171.52	79.79	2,091.73
		05/06/2020	2171.52	79.78	2,091.74
MW-111D	Deep Zone Upper Aquifer	07/09/2019	2147.56	76.60	2,070.96
		10/10/2019	2147.56	81.64	2,065.92
		01/13/2020	2147.56	81.45	2,066.11
		04/15/2020	2147.56	81.58	2,065.98
MW-111S1	Shallow Zone Upper Aquifer	07/09/2019	2147.52	76.92	2,070.61
		10/10/2019	2147.52	77.74	2,069.79
		01/14/2020	2147.52	76.00	2,071.53
		04/15/2020	2147.52	75.59	2,071.94
MW-111S2	Shallow Zone Upper Aquifer	07/09/2019	2147.30	76.36	2,070.94
		10/10/2019	2147.30	78.34	2,068.96
		01/13/2020	2147.30	75.62	2,071.68
		04/15/2020	2147.30	75.40	2,071.90
MW-112S	Shallow Zone Upper Aquifer	10/11/2019	2165.89	82.91	2,082.98
		12/03/2019	2165.89	82.92	2,082.97
		04/07/2020	2165.89	83.09	2,082.80
MW-113D	Deep Zone Upper Aquifer	10/09/2019	2143.98	79.36	2,064.62
MW-113S1	Shallow Zone Upper Aquifer	10/09/2019	2143.82	73.92	2,069.90
		12/03/2019	2143.82	73.81	2,070.01

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-113S1	Shallow Zone Upper Aquifer	04/07/2020	2143.82	73.41	2,070.41
MW-113S2	Shallow Zone Upper Aquifer	10/09/2019	2143.76	74.00	2,069.76
MW-116D1	Deep Zone Upper Aquifer	10/21/2019	2175.94	89.46	2,086.48
		04/13/2020	2175.94	89.97	2,085.97
MW-117D	Deep Zone Upper Aquifer	10/10/2019	2156.18	88.13	2,068.05
MW-117S1	Shallow Zone Upper Aquifer	10/10/2019	2156.40	80.91	2,075.49
		12/04/2019	2156.40	81.01	2,075.39
		02/03/2020	2156.40	80.97	2,075.43
		04/07/2020	2156.40	80.93	2,075.47
MW-117S2	Shallow Zone Upper Aquifer	10/10/2019	2156.43	80.87	2,075.56
		04/07/2020	2156.43	80.91	2,075.52
MW-118S	Shallow Zone Upper Aquifer	07/10/2019	2161.59	76.13	2,085.46
		09/03/2019	2161.59	76.12	2,085.47
		10/23/2019	2161.59	76.12	2,085.47
		02/03/2020	2161.59	76.38	2,085.21
		04/10/2020	2161.59	76.38	2,085.21
MW-11B	Deep Zone Upper Aquifer	07/11/2019	2193.58	95.19	2,098.39
		11/08/2019	2193.58	95.71	2,097.87
		01/16/2020	2193.58	95.20	2,098.38
		04/13/2020	2193.58	94.16	2,099.42
MW-11C	Lower Aquifer	10/22/2019	2192.54	71.51	2,121.03
MW-121D	Deep Zone Upper Aquifer	07/10/2019	2185.29	94.29	2,091.01
		10/17/2019	2185.29	94.01	2,091.29
		04/10/2020	2185.29	94.02	2,091.28
MW-121S	Shallow Zone Upper Aquifer	10/17/2019	2185.35	92.41	2,092.94
		04/10/2020	2185.35	92.61	2,092.74
		04/10/2020	2185.35	92.71	2,092.64
MW-122D	Deep Zone Upper Aquifer	10/10/2019	2192.91	99.29	2,093.62
		04/14/2020	2192.91	99.20	2,093.71
MW-123S1	Shallow Zone Upper Aquifer	07/08/2019	2151.75	77.70	2,074.05
		10/10/2019	2151.75	78.70	2,073.05
		01/14/2020	2151.75	77.95	2,073.80
		04/06/2020	2151.75	77.82	2,073.93
MW-123S2	Shallow Zone Upper Aquifer	07/08/2019	2152.03	79.13	2,072.90
		10/10/2019	2152.03	79.81	2,072.22
		01/14/2020	2152.03	78.22	2,073.81
		04/06/2020	2152.03	78.13	2,073.90

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-123S2	Shallow Zone Upper Aquifer	06/05/2020	2152.03	78.92	2,073.11
MW-124D	Deep Zone Upper Aquifer	07/08/2019	2151.36	82.46	2,068.90
		10/10/2019	2151.36	82.53	2,068.83
		01/14/2020	2151.36	82.31	2,069.05
		04/06/2020	2151.36	82.29	2,069.07
MW-124S1	Shallow Zone Upper Aquifer	07/08/2019	2151.10	76.50	2,074.60
		10/10/2019	2151.10	77.13	2,073.97
		01/14/2020	2151.10	76.91	2,074.19
		04/06/2020	2151.10	76.81	2,074.29
MW-124S2	Shallow Zone Upper Aquifer	07/08/2019	2151.34	76.70	2,074.64
		10/10/2019	2151.34	77.31	2,074.03
		01/14/2020	2151.34	77.04	2,074.30
		04/06/2020	2151.34	77.00	2,074.34
MW-125S1	Shallow Zone Upper Aquifer	07/08/2019	2151.81	76.78	2,075.03
		10/10/2019	2151.81	77.31	2,074.50
		01/14/2020	2151.81	77.13	2,074.68
		04/06/2020	2151.81	76.88	2,074.93
MW-125S2	Shallow Zone Upper Aquifer	07/08/2019	2151.89	76.73	2,075.16
		10/10/2019	2151.89	77.23	2,074.66
		01/14/2020	2151.89	76.94	2,074.95
		04/06/2020	2151.89	76.88	2,075.01
MW-126S1	Shallow Zone Upper Aquifer	10/11/2019	2159.25	82.44	2,076.81
		12/04/2019	2159.25	82.49	2,076.76
		04/07/2020	2159.25	82.69	2,076.56
MW-126S2	Shallow Zone Upper Aquifer	10/10/2019	2159.28	82.14	2,077.14
		04/07/2020	2159.28	82.73	2,076.55
MW-127S1	Shallow Zone Upper Aquifer	07/08/2019	2159.33	81.82	2,077.51
		09/03/2019	2159.33	81.91	2,077.42
		10/09/2019	2159.33	81.92	2,077.41
		12/04/2019	2159.33	82.25	2,077.08
		01/06/2020	2159.33	82.21	2,077.12
		03/03/2020	2159.33	82.19	2,077.14
		04/07/2020	2159.33	82.47	2,076.86
		06/05/2020	2159.33	82.79	2,076.54
MW-127S2	Shallow Zone Upper Aquifer	07/08/2019	2159.41	81.79	2,077.62
		10/09/2019	2159.41	82.27	2,077.14
		01/06/2020	2159.41	82.31	2,077.10

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-127S2	Shallow Zone Upper Aquifer	03/03/2020	2159.41	82.51	2,076.90
		04/06/2020	2159.41	82.41	2,077.00
MW-128S1	Shallow Zone Upper Aquifer	10/11/2019	2155.94	79.00	2,076.94
		12/05/2019	2155.94	79.04	2,076.90
		01/07/2020	2155.94	79.11	2,076.83
		03/05/2020	2155.94	79.16	2,076.78
		04/06/2020	2155.94	79.33	2,076.61
MW-128S2	Shallow Zone Upper Aquifer	10/11/2019	2155.94	79.08	2,076.86
		03/04/2020	2155.94	79.58	2,076.36
		04/06/2020	2155.94	79.29	2,076.65
MW-128S3	Shallow Zone Upper Aquifer	10/11/2019	2155.85	79.30	2,076.55
		03/03/2020	2155.85	79.45	2,076.40
		04/06/2020	2155.85	79.61	2,076.24
MW-12B	Deep Zone Upper Aquifer	07/17/2019	2190.32	106.51	2,083.81
MW-13	Deep Zone Upper Aquifer	07/17/2019	2189.25	106.41	2,082.84
MW-130S1	Shallow Zone Upper Aquifer	10/08/2019	2102.29	77.16	2,025.13
		12/04/2019	2102.29	77.26	2,025.03
		04/08/2020	2102.29	77.20	2,025.09
		06/03/2020	2102.29	77.25	2,025.04
MW-130S2	Shallow Zone Upper Aquifer	10/08/2019	2102.20	77.96	2,024.24
		12/04/2019	2102.20	77.89	2,024.31
MW-131S1	Shallow Zone Upper Aquifer	10/08/2019	2115.10	67.73	2,047.37
		10/23/2019	2115.10	69.02	2,046.08
		12/04/2019	2115.10	67.77	2,047.33
		04/08/2020	2115.10	67.70	2,047.40
		06/04/2020	2115.10	67.79	2,047.31
MW-133S1	Shallow Zone Upper Aquifer	07/09/2019	2126.20	70.15	2,056.05
		07/23/2019	2126.20	72.78	2,053.42
		10/08/2019	2126.20	70.52	2,055.68
		10/25/2019	2126.20	70.25	2,055.95
		01/08/2020	2126.20	70.14	2,056.06
		04/07/2020	2126.20	70.26	2,055.94
		04/20/2020	2126.20	71.81	2,054.39
MW-133S2	Shallow Zone Upper Aquifer	10/08/2019	2126.21	81.36	2,044.85
MW-135S1	Shallow Zone Upper Aquifer	12/05/2019	2127.83	69.07	2,058.76
		06/04/2020	2127.83	69.15	2,058.68
MW-135S2	Shallow Zone Upper Aquifer	10/23/2019	2127.79	74.28	2,053.51

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-136S1	Shallow Zone Upper Aquifer	10/08/2019	2130.09	69.43	2,060.66
		04/08/2020	2130.09	69.40	2,060.69
		06/04/2020	2130.09	69.38	2,060.71
MW-136S2	Shallow Zone Upper Aquifer	10/08/2019	2130.07	75.12	2,054.95
MW-137S1	Shallow Zone Upper Aquifer	10/09/2019	2132.14	67.40	2,064.74
MW-137S2	Shallow Zone Upper Aquifer	10/09/2019	2132.19	68.52	2,063.67
MW-137S3	Shallow Zone Upper Aquifer	10/09/2019	2132.09	68.71	2,063.38
		12/04/2019	2132.09	68.52	2,063.57
		04/09/2020	2132.09	68.33	2,063.76
MW-138S1	Shallow Zone Upper Aquifer	10/09/2019	2131.63	64.67	2,066.96
		04/09/2020	2131.63	64.59	2,067.04
MW-138S2	Shallow Zone Upper Aquifer	10/09/2019	2132.00	64.41	2,067.59
MW-139S1	Shallow Zone Upper Aquifer	10/09/2019	2136.48	68.09	2,068.39
		04/09/2020	2136.48	68.17	2,068.31
MW-139S2	Shallow Zone Upper Aquifer	10/09/2019	2136.35	69.43	2,066.92
MW-140S1	Shallow Zone Upper Aquifer	10/09/2019	2140.05	72.59	2,067.46
		12/04/2019	2140.05	72.55	2,067.50
		04/09/2020	2140.05	72.67	2,067.38
MW-140S2	Shallow Zone Upper Aquifer	10/09/2019	2139.89	72.44	2,067.45
MW-140S3	Shallow Zone Upper Aquifer	10/09/2019	2140.17	72.62	2,067.55
MW-141D	Deep Zone Upper Aquifer	10/09/2019	2139.41	72.45	2,066.96
MW-141S1	Shallow Zone Upper Aquifer	10/09/2019	2139.39	70.54	2,068.85
MW-141S2	Shallow Zone Upper Aquifer	10/09/2019	2139.39	70.75	2,068.64
		04/24/2020	2139.39	70.99	2,068.40
MW-142S1	Shallow Zone Upper Aquifer	10/09/2019	2139.90	71.12	2,068.78
MW-142S2	Shallow Zone Upper Aquifer	10/09/2019	2139.72	70.84	2,068.88
MW-142S3	Shallow Zone Upper Aquifer	10/09/2019	2139.81	70.99	2,068.82
		04/07/2020	2139.81	70.88	2,068.93
MW-147D	Deep Zone Upper Aquifer	10/17/2019	2174.23	82.52	2,091.71
		04/14/2020	2174.23	82.36	2,091.87
		06/04/2020	2174.23	82.38	2,091.85
MW-147S	Shallow Zone Upper Aquifer	10/17/2019	2174.14	81.46	2,092.68
		04/14/2020	2174.14	81.50	2,092.64
MW-148S	Shallow Zone Upper Aquifer	10/17/2019	2172.96	81.85	2,091.11
		05/08/2020	2172.96	82.17	2,090.79
MW-14A	Shallow Zone Upper Aquifer	08/05/2019	2183.70	103.70	2,080.00

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-14A	Shallow Zone Upper Aquifer	02/03/2020	2183.70	104.00	2,079.70
MW-14B	Deep Zone Upper Aquifer	10/22/2019	2183.73	105.41	2,078.32
		04/17/2020	2183.73	105.61	2,078.12
MW-14C	Lower Aquifer	10/22/2019	2184.50	93.21	2,091.29
MW-15	Shallow Zone Upper Aquifer	07/25/2019	2195.91	94.25	2,101.66
		10/24/2019	2195.91	94.69	2,101.22
		01/23/2020	2195.91	92.16	2,103.75
		04/22/2020	2195.91	93.46	2,102.45
MW-153S	Deep Zone Upper Aquifer	10/17/2019	2184.54	91.68	2,092.86
		12/05/2019	2184.54	91.91	2,092.63
		04/09/2020	2184.54	91.87	2,092.67
		06/05/2020	2184.54	91.81	2,092.73
MW-154S1	Shallow Zone Upper Aquifer	07/09/2019	2126.06	68.83	2,057.23
		07/23/2019	2126.06	70.61	2,055.45
		10/08/2019	2126.06	68.69	2,057.37
		10/25/2019	2126.06	69.21	2,056.85
		04/07/2020	2126.06	68.79	2,057.27
		04/20/2020	2126.06	70.29	2,055.77
MW-154S2	Shallow Zone Upper Aquifer	10/08/2019	2126.19	82.20	2,043.99
MW-155D	Deep Zone Upper Aquifer	07/11/2019	2207.23	108.63	2,098.60
		11/08/2019	2207.23	108.51	2,098.72
		01/16/2020	2207.23	108.20	2,099.03
		04/15/2020	2207.23	107.30	2,099.93
MW-155S	Shallow Zone Upper Aquifer	07/11/2019	2207.27	112.62	2,094.65
		11/08/2019	2207.27	112.91	2,094.36
		01/16/2020	2207.27	112.95	2,094.32
		04/15/2020	2207.27	112.83	2,094.44
MW-156S	Shallow Zone Upper Aquifer	08/07/2019	2151.20	78.80	2,072.40
		10/07/2019	2151.20	79.27	2,071.93
		04/06/2020	2151.20	78.39	2,072.81
MW-157S	Shallow Zone Upper Aquifer	08/07/2019	2147.47	77.58	2,069.89
		10/07/2019	2147.47	78.04	2,069.43
		04/06/2020	2147.47	77.31	2,070.16
MW-158CR	Lower Aquifer	10/21/2019	2200.52	97.56	2,102.96
MW-16	Shallow Zone Upper Aquifer	07/12/2019	2193.93	95.57	2,098.36
		11/08/2019	2193.93	96.83	2,097.10
		12/03/2019	2193.93	97.03	2,096.90

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-16	Shallow Zone Upper Aquifer	01/21/2020	2193.93	97.11	2,096.82
		04/17/2020	2193.93	97.82	2,096.11
MW-161S1	Shallow Zone Upper Aquifer	10/08/2019	2090.94	71.61	2,019.33
		04/14/2020	2090.94	71.80	2,019.14
MW-161S2	Shallow Zone Upper Aquifer	10/08/2019	2090.96	74.56	2,016.40
MW-161S3	Shallow Zone Upper Aquifer	10/08/2019	2091.19	75.08	2,016.11
MW-162S1	Shallow Zone Upper Aquifer	10/08/2019	2087.53	70.92	2,016.61
		04/14/2020	2087.53	71.13	2,016.40
		06/03/2020	2087.53	71.00	2,016.53
MW-162S2	Shallow Zone Upper Aquifer	10/08/2019	2087.78	72.76	2,015.02
MW-162S3	Shallow Zone Upper Aquifer	10/08/2019	2087.85	75.48	2,012.37
MW-164D	Deep Zone Upper Aquifer	10/17/2019	2175.01	80.04	2,094.97
		04/09/2020	2175.01	79.85	2,095.16
MW-164S	Shallow Zone Upper Aquifer	10/17/2019	2174.91	79.05	2,095.86
		04/09/2020	2174.91	79.91	2,095.00
MW-166S1	Shallow Zone Upper Aquifer	10/08/2019	2133.17	60.23	2,072.94
		04/24/2020	2133.17	60.02	2,073.15
MW-166S2	Shallow Zone Upper Aquifer	10/08/2019	2133.27	60.28	2,072.99
MW-168D	Deep Zone Upper Aquifer	10/17/2019	2179.70	88.42	2,091.28
		12/04/2019	2179.70	88.21	2,091.49
MW-168S	Shallow Zone Upper Aquifer	10/17/2019	2179.75	88.14	2,091.61
		04/14/2020	2179.75	88.20	2,091.55
MW-169D	Deep Zone Upper Aquifer	10/17/2019	2181.12	89.81	2,091.31
MW-169S2	Shallow Zone Upper Aquifer	10/17/2019	2180.36	87.89	2,092.47
		12/05/2019	2180.36	88.22	2,092.14
		04/14/2020	2180.36	88.13	2,092.23
MW-17	Shallow Zone Upper Aquifer	07/11/2019	2204.05	83.59	2,120.46
		11/06/2019	2204.05	84.54	2,119.51
		01/21/2020	2204.05	85.62	2,118.43
		04/17/2020	2204.05	86.81	2,117.24
MW-170S	Shallow Zone Upper Aquifer	07/10/2019	2164.64	83.94	2,080.70
		10/15/2019	2164.64	84.31	2,080.33
		12/06/2019	2164.64	84.62	2,080.02
		01/06/2020	2164.64	85.22	2,079.42
		04/16/2020	2164.64	83.73	2,080.91
MW-171D1	Deep Zone Upper Aquifer	10/10/2019	2154.54	79.91	2,074.63

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-171D1	Deep Zone Upper Aquifer	12/05/2019	2154.54	77.55	2,076.99
MW-171D2	Deep Zone Upper Aquifer	10/10/2019	2154.50	79.02	2,075.48
MW-171S	Shallow Zone Upper Aquifer	10/10/2019	2154.54	77.31	2,077.23
		12/05/2019	2154.54	77.42	2,077.12
		04/07/2020	2154.54	77.51	2,077.03
MW-172S1	Shallow Zone Upper Aquifer	10/09/2019	2149.19	73.94	2,075.25
		04/07/2020	2149.19	74.10	2,075.09
MW-172S2	Shallow Zone Upper Aquifer	10/09/2019	2149.29	74.28	2,075.01
		04/07/2020	2149.29	74.88	2,074.41
MW-173D	Deep Zone Upper Aquifer	10/10/2019	2132.70	66.55	2,066.15
MW-173S1	Shallow Zone Upper Aquifer	07/11/2019	2132.66	64.73	2,067.93
		10/10/2019	2132.66	65.11	2,067.55
		04/07/2020	2132.66	64.95	2,067.71
MW-173S2	Shallow Zone Upper Aquifer	10/10/2019	2132.52	64.96	2,067.56
MW-174S1	Shallow Zone Upper Aquifer	07/09/2019	2095.41	77.11	2,018.30
		10/08/2019	2095.41	77.11	2,018.30
MW-174S2	Shallow Zone Upper Aquifer	10/08/2019	2095.25	78.72	2,016.53
MW-174S3	Shallow Zone Upper Aquifer	10/08/2019	2094.96	80.15	2,014.81
MW-175D	Deep Zone Upper Aquifer	10/23/2019	2135.45	70.88	2,064.57
MW-175S1	Shallow Zone Upper Aquifer	10/23/2019	2136.07	70.38	2,065.69
		04/15/2020	2136.07	70.42	2,065.65
MW-175S2	Shallow Zone Upper Aquifer	10/23/2019	2135.52	69.03	2,066.49
MW-177D	Deep Zone Upper Aquifer	07/12/2019	2216.31	95.15	2,121.16
		11/06/2019	2216.31	95.30	2,121.01
		01/21/2020	2216.31	95.47	2,120.84
		04/15/2020	2216.31	95.51	2,120.80
MW-177S	Shallow Zone Upper Aquifer	07/12/2019	2216.39	95.21	2,121.18
		11/06/2019	2216.39	95.40	2,120.99
		01/21/2020	2216.39	95.53	2,120.86
		04/15/2020	2216.39	95.58	2,120.81
		06/04/2020	2216.39	95.41	2,120.98
MW-178D	Deep Zone Upper Aquifer	07/15/2019	2200.75	99.82	2,100.93
		11/06/2019	2200.75	99.10	2,101.65
		01/17/2020	2200.75	99.76	2,100.99
		05/06/2020	2200.75	100.79	2,099.96
MW-178S	Shallow Zone Upper Aquifer	07/15/2019	2200.71	100.40	2,100.31

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-178S	Shallow Zone Upper Aquifer	10/22/2019	2200.71	100.57	2,100.14
		01/17/2020	2200.71	100.81	2,099.90
		05/06/2020	2200.71	101.53	2,099.18
MW-179D	Deep Zone Upper Aquifer	07/15/2019	2197.65	99.25	2,098.40
		11/06/2019	2197.65	101.25	2,096.40
		01/15/2020	2197.65	101.13	2,096.52
		04/21/2020	2197.65	102.02	2,095.63
MW-179S	Shallow Zone Upper Aquifer	07/15/2019	2197.66	99.97	2,097.69
		11/06/2019	2197.66	99.96	2,097.70
		01/15/2020	2197.66	101.72	2,095.94
		04/21/2020	2197.66	101.71	2,095.95
MW-17D	Deep Zone Upper Aquifer	07/11/2019	2202.98	85.13	2,117.85
		09/05/2019	2202.98	85.53	2,117.45
		01/20/2020	2202.98	85.00	2,117.98
MW-18	Upper Aquifer	07/11/2019	2194.46	111.03	2,083.43
		01/20/2020	2194.46	112.48	2,081.98
MW-180RD	Deep Zone Upper Aquifer	07/12/2019	2194.81	92.01	2,102.80
		11/06/2019	2194.81	91.29	2,103.52
		01/20/2020	2194.81	92.99	2,101.82
		03/05/2020	2194.81	93.75	2,101.06
		04/17/2020	2194.81	92.28	2,102.53
MW-180RS	Shallow Zone Upper Aquifer	07/12/2019	2195.03	92.00	2,103.03
		11/06/2019	2195.03	92.79	2,102.24
		01/20/2020	2195.03	94.10	2,100.93
		04/17/2020	2195.03	93.01	2,102.02
MW-181D	Deep Zone Upper Aquifer	07/12/2019	2218.23	96.82	2,121.41
		01/20/2020	2218.23	97.14	2,121.09
MW-181S	Shallow Zone Upper Aquifer	07/12/2019	2218.10	96.64	2,121.46
		01/20/2020	2218.10	97.00	2,121.10
MW-182D	Deep Zone Upper Aquifer	08/06/2019	2187.91	106.93	2,080.98
		09/03/2019	2187.91	107.21	2,080.70
		11/06/2019	2187.91	107.78	2,080.13
		02/03/2020	2187.91	107.81	2,080.10
		05/05/2020	2187.91	108.11	2,079.80
MW-182S	Shallow Zone Upper Aquifer	08/06/2019	2187.27	106.28	2,080.99
		11/06/2019	2187.27	107.12	2,080.15
		02/03/2020	2187.27	107.18	2,080.09

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-182S	Shallow Zone Upper Aquifer	05/05/2020	2187.27	107.52	2,079.75
MW-183D	Deep Zone Upper Aquifer	08/06/2019	2186.38	106.02	2,080.36
		11/06/2019	2186.38	106.80	2,079.58
		02/03/2020	2186.38	106.68	2,079.70
		05/05/2020	2186.38	107.07	2,079.31
MW-183S	Shallow Zone Upper Aquifer	08/06/2019	2186.50	106.22	2,080.28
		11/06/2019	2186.50	106.93	2,079.57
		02/03/2020	2186.50	106.80	2,079.70
		05/05/2020	2186.50	107.34	2,079.16
MW-184S1	Shallow Zone Upper Aquifer	10/14/2019	2089.58	100.29	1,989.29
		05/07/2020	2089.58	100.41	1,989.17
MW-184S2	Shallow Zone Upper Aquifer	10/14/2019	2089.80	100.94	1,988.86
		02/04/2020	2089.80	100.86	1,988.94
		03/04/2020	2089.80	100.41	1,989.39
		05/07/2020	2089.80	101.45	1,988.35
MW-184S3	Shallow Zone Upper Aquifer	10/14/2019	2089.86	100.92	1,988.94
MW-185S1	Shallow Zone Upper Aquifer	10/07/2019	2064.70	75.79	1,988.91
		04/14/2020	2064.70	72.00	1,992.70
MW-185S2	Shallow Zone Upper Aquifer	10/07/2019	2065.11	77.49	1,987.62
MW-185S3	Shallow Zone Upper Aquifer	10/07/2019	2065.00	76.46	1,988.54
MW-186S1	Shallow Zone Upper Aquifer	10/07/2019	2081.67	90.52	1,991.15
		06/03/2020	2081.67	90.81	1,990.86
MW-186S2	Shallow Zone Upper Aquifer	10/07/2019	2081.40	92.61	1,988.79
		12/02/2019	2081.40	92.67	1,988.73
		02/03/2020	2081.40	92.80	1,988.60
		03/04/2020	2081.40	92.82	1,988.58
		04/14/2020	2081.40	93.10	1,988.30
MW-186S3	Shallow Zone Upper Aquifer	10/07/2019	2081.39	92.50	1,988.89
		12/02/2019	2081.39	92.44	1,988.95
MW-188S1	Shallow Zone Upper Aquifer	10/08/2019	2078.72	68.47	2,010.25
		04/14/2020	2078.72	68.43	2,010.29
MW-188S2	Shallow Zone Upper Aquifer	10/08/2019	2078.57	70.99	2,007.58
MW-188S3	Shallow Zone Upper Aquifer	10/08/2019	2078.17	69.70	2,008.47
MW-193S1	Shallow Zone Upper Aquifer	10/08/2019	2084.28	71.39	2,012.89
		12/02/2019	2198.28	71.43	2,126.85
MW-193S2	Shallow Zone Upper Aquifer	10/08/2019	2083.97	71.92	2,012.05

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-193S3	Shallow Zone Upper Aquifer	10/08/2019	2083.93	73.66	2,010.27
		04/14/2020	2083.93	73.64	2,010.29
MW-194S1	Shallow Zone Upper Aquifer	10/14/2019	2072.58	77.76	1,994.82
		12/02/2019	2072.58	77.99	1,994.59
		04/24/2020	2072.58	77.51	1,995.07
		06/03/2020	2072.58	77.26	1,995.32
MW-194S2	Shallow Zone Upper Aquifer	10/14/2019	2072.31	78.62	1,993.69
MW-194S3	Shallow Zone Upper Aquifer	10/14/2019	2072.55	79.51	1,993.04
MW-195S1	Shallow Zone Upper Aquifer	10/08/2019	2075.03	76.82	1,998.21
		04/14/2020	2075.03	76.79	1,998.24
		06/03/2020	2075.03	76.44	1,998.59
MW-195S2	Shallow Zone Upper Aquifer	10/08/2019	2075.02	77.81	1,997.21
MW-195S3	Shallow Zone Upper Aquifer	10/08/2019	2075.11	78.54	1,996.57
		12/02/2019	2075.11	78.58	1,996.53
MW-196S1	Shallow Zone Upper Aquifer	10/07/2019	2063.04	79.12	1,983.92
		04/14/2020	2063.04	71.45	1,991.59
MW-196S2	Shallow Zone Upper Aquifer	10/07/2019	2063.05	79.23	1,983.82
MW-196S3	Shallow Zone Upper Aquifer	10/07/2019	2063.13	79.91	1,983.22
MW-197S1	Shallow Zone Upper Aquifer	10/09/2019	2130.93	53.29	2,077.64
		04/14/2020	2130.93	53.62	2,077.31
MW-197S2	Shallow Zone Upper Aquifer	10/09/2019	2131.30	54.36	2,076.94
MW-197S3	Shallow Zone Upper Aquifer	10/09/2019	2131.39	53.95	2,077.44
MW-20	Shallow Zone Upper Aquifer	07/25/2019	2202.07	94.59	2,107.48
		10/24/2019	2202.07	95.31	2,106.76
		01/23/2020	2202.07	91.77	2,110.30
		04/22/2020	2202.07	90.69	2,111.38
MW-200S1	Shallow Zone Upper Aquifer	10/23/2019	2129.42	69.80	2,059.62
MW-200S2	Shallow Zone Upper Aquifer	10/23/2019	2129.81	67.11	2,062.70
		12/05/2019	2129.81	65.82	2,063.99
MW-200S3	Shallow Zone Upper Aquifer	10/23/2019	2129.88	65.47	2,064.41
		04/15/2020	2129.88	65.35	2,064.53
MW-201D	Deep Zone Upper Aquifer	10/24/2019	2177.55	83.83	2,093.72
MW-201S	Shallow Zone Upper Aquifer	10/17/2019	2177.21	83.00	2,094.21
		12/05/2019	2177.21	83.00	2,094.21
		04/09/2020	2177.21	83.19	2,094.02
		06/04/2020	2177.21	83.12	2,094.09

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-202S	Shallow Zone Upper Aquifer	10/17/2019	2184.73	89.22	2,095.51
		04/14/2020	2184.73	89.38	2,095.35
		06/04/2020	2184.73	89.51	2,095.22
MW-203D	Deep Zone Upper Aquifer	10/17/2019	2169.89	69.87	2,100.02
		12/05/2019	2169.89	62.25	2,107.64
		04/15/2020	2169.89	68.00	2,101.89
		06/03/2020	2169.89	69.89	2,100.00
MW-204D	Deep Zone Upper Aquifer	10/23/2019	2131.56	65.50	2,066.06
MW-204S1	Shallow Zone Upper Aquifer	10/23/2019	2131.86	64.75	2,067.11
MW-204S2	Shallow Zone Upper Aquifer	10/23/2019	2131.81	64.39	2,067.42
		06/04/2020	2131.81	64.26	2,067.55
MW-205S1	Shallow Zone Upper Aquifer	10/07/2019	2061.69	71.31	1,990.38
MW-205S2	Shallow Zone Upper Aquifer	10/07/2019	2061.14	70.91	1,990.23
		05/07/2020	2061.14	69.73	1,991.41
MW-205S3	Shallow Zone Upper Aquifer	10/07/2019	2061.00	70.83	1,990.17
MW-206S	Shallow Zone Upper Aquifer	07/15/2019	2156.72	79.20	2,077.52
		10/16/2019	2156.72	79.57	2,077.15
		12/05/2019	2156.72	79.62	2,077.10
		01/07/2020	2156.72	79.60	2,077.12
		03/05/2020	2156.72	79.78	2,076.94
		04/16/2020	2156.72	79.80	2,076.92
		06/05/2020	2156.72	79.93	2,076.79
MW-207S1	Shallow Zone Upper Aquifer	10/09/2019	2127.61	60.60	2,067.01
		04/14/2020	2127.61	60.69	2,066.92
MW-207S2	Shallow Zone Upper Aquifer	07/10/2019	2127.52	60.51	2,067.01
		10/09/2019	2127.52	61.22	2,066.30
		12/05/2019	2127.52	61.40	2,066.12
		01/15/2020	2127.52	60.73	2,066.79
		04/14/2020	2127.52	61.06	2,066.46
MW-208S	Shallow Zone Upper Aquifer	10/21/2019	2198.98	94.84	2,104.14
		01/07/2020	2198.98	95.42	2,103.56
		04/20/2020	2198.98	93.79	2,105.19
MW-209S	Shallow Zone Upper Aquifer	07/12/2019	2194.39	95.34	2,099.05
		10/21/2019	2194.39	96.05	2,098.34
		01/07/2020	2194.39	96.55	2,097.84
		04/17/2020	2194.39	95.80	2,098.59
MW-210S	Shallow Zone Upper Aquifer	07/12/2019	2191.37	96.34	2,095.03

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-210S	Shallow Zone Upper Aquifer	10/21/2019	2191.37	97.61	2,093.76
		01/07/2020	2191.37	97.18	2,094.19
		04/17/2020	2191.37	98.50	2,092.87
MW-211S	Shallow Zone Upper Aquifer	07/12/2019	2190.06	96.73	2,093.33
		10/21/2019	2190.06	97.96	2,092.10
		01/07/2020	2190.06	97.86	2,092.20
		03/06/2020	2190.06	98.28	2,091.78
		04/17/2020	2190.06	98.00	2,092.06
MW-212S1	Shallow Zone Upper Aquifer	10/08/2019	2114.34	92.68	2,021.66
		04/14/2020	2114.34	92.82	2,021.52
MW-212S2	Shallow Zone Upper Aquifer	10/09/2019	2114.22	93.21	2,021.01
		12/05/2019	2114.22	93.32	2,020.90
MW-213D	Deep Zone Upper Aquifer	10/15/2019	2173.91	97.33	2,076.58
		04/16/2020	2173.91	97.71	2,076.20
MW-213S	Shallow Zone Upper Aquifer	07/10/2019	2174.09	86.43	2,087.66
		10/15/2019	2174.09	86.74	2,087.35
		04/16/2020	2174.09	86.98	2,087.11
MW-214D	Deep Zone Upper Aquifer	10/15/2019	2168.31	91.48	2,076.83
		04/10/2020	2168.31	92.39	2,075.92
MW-214S	Shallow Zone Upper Aquifer	10/15/2019	2168.21	81.22	2,086.99
		12/05/2019	2168.21	81.46	2,086.75
		04/10/2020	2168.21	81.51	2,086.70
		06/05/2020	2168.21	81.65	2,086.56
MW-215D	Deep Zone Upper Aquifer	10/15/2019	2170.45	92.41	2,078.04
		12/05/2019	2170.45	91.98	2,078.47
		04/10/2020	2170.45	92.74	2,077.71
MW-215S	Shallow Zone Upper Aquifer	10/15/2019	2170.70	72.54	2,098.16
		04/10/2020	2170.70	72.29	2,098.41
MW-216D	Deep Zone Upper Aquifer	10/15/2019	2175.29	90.16	2,085.13
		04/10/2020	2175.29	90.70	2,084.59
MW-216S	Shallow Zone Upper Aquifer	10/15/2019	2175.18	90.11	2,085.07
		04/10/2020	2175.18	90.72	2,084.46
MW-217D	Deep Zone Upper Aquifer	07/22/2019	2201.96	86.79	2,115.17
		10/24/2019	2201.96	86.85	2,115.11
		01/15/2020	2201.96	86.30	2,115.66
		04/16/2020	2201.96	85.37	2,116.59
MW-217S	Shallow Zone Upper Aquifer	07/22/2019	2202.05	88.31	2,113.74

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-217S	Shallow Zone Upper Aquifer	10/24/2019	2202.05	88.56	2,113.49
		12/05/2019	2202.05	88.52	2,113.53
		01/15/2020	2202.05	88.24	2,113.81
		04/16/2020	2202.05	87.81	2,114.24
MW-218D	Deep Zone Upper Aquifer	07/16/2019	2187.30	86.48	2,100.82
		10/24/2019	2187.30	87.65	2,099.65
		01/14/2020	2187.30	87.61	2,099.69
		04/16/2020	2187.30	88.06	2,099.24
MW-218S	Shallow Zone Upper Aquifer	07/16/2019	2187.45	89.20	2,098.25
		10/24/2019	2187.45	90.17	2,097.28
		01/14/2020	2187.45	90.57	2,096.88
		04/16/2020	2187.45	91.34	2,096.11
MW-219S1	Shallow Zone Upper Aquifer	07/09/2019	2140.75	70.71	2,070.04
		10/09/2019	2140.75	70.72	2,070.03
		01/15/2020	2140.75	70.84	2,069.91
		04/24/2020	2140.75	70.92	2,069.83
		05/07/2020	2140.75	70.98	2,069.77
MW-219S2	Shallow Zone Upper Aquifer	10/09/2019	2140.87	71.32	2,069.55
MW-21A	Upper Aquifer	07/10/2019	2171.93	96.59	2,075.34
		10/16/2019	2171.93	96.24	2,075.69
		01/08/2020	2171.93	95.92	2,076.01
		04/08/2020	2171.93	97.68	2,074.25
MW-21B1	Deep Zone Upper Aquifer	07/10/2019	2172.72	100.51	2,072.21
		10/16/2019	2172.72	99.24	2,073.48
		01/08/2020	2172.72	99.31	2,073.41
		04/08/2020	2172.72	101.90	2,070.82
MW-21C	Lower Aquifer	10/16/2019	2172.63	95.70	2,076.93
		04/08/2020	2172.63	95.64	2,076.99
MW-220D	Deep Zone Upper Aquifer	10/07/2019	2208.14	93.39	2,114.75
		01/13/2020	2208.14	93.15	2,114.99
		01/14/2020	2208.14	92.76	2,115.38
		04/06/2020	2208.14	92.93	2,115.21
MW-220S	Shallow Zone Upper Aquifer	01/14/2020	2208.15	114.13	2,094.02
		04/06/2020	2208.15	112.38	2,095.77
		06/02/2020	2208.15	111.32	2,096.83
MW-221S	Shallow Zone Upper Aquifer	07/16/2019	2158.21	80.94	2,077.27
		10/11/2019	2158.21	81.18	2,077.03

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-221S	Shallow Zone Upper Aquifer	01/15/2020	2158.21	80.82	2,077.39
		04/24/2020	2158.21	81.28	2,076.93
MW-226D	Deep Zone Upper Aquifer	07/09/2019	2147.23	76.09	2,071.14
		10/14/2019	2147.23	76.50	2,070.73
MW-226S	Shallow Zone Upper Aquifer	07/09/2019	2147.70	76.24	2,071.46
		10/14/2019	2147.70	76.24	2,071.46
		12/05/2019	2147.70	76.42	2,071.28
		04/06/2020	2147.70	76.31	2,071.39
MW-22B	Deep Zone Upper Aquifer	10/18/2019	2176.81	103.43	2,073.38
		04/13/2020	2176.81	103.97	2,072.84
MW-23B	Deep Zone Upper Aquifer	07/10/2019	2175.87	101.70	2,074.17
		10/24/2019	2175.87	102.32	2,073.55
		01/16/2020	2175.87	101.43	2,074.44
		04/13/2020	2175.87	102.19	2,073.68
MW-23C	Lower Aquifer	10/24/2019	2176.28	100.19	2,076.09
		04/13/2020	2176.28	100.41	2,075.87
MW-27A	Shallow Zone Upper Aquifer	10/22/2019	2185.47	103.26	2,082.21
		04/15/2020	2185.47	103.71	2,081.76
MW-27B	Deep Zone Upper Aquifer	10/22/2019	2185.19	106.31	2,078.88
		04/15/2020	2185.19	106.77	2,078.42
MW-28B	Deep Zone Upper Aquifer	10/18/2019	2176.94	101.71	2,075.23
		04/13/2020	2176.94	101.50	2,075.44
MW-28C	Lower Aquifer	10/18/2019	2174.96	98.76	2,076.20
		04/13/2020	2174.96	98.40	2,076.56
MW-29	Shallow Zone Upper Aquifer	10/16/2019	2171.76	92.14	2,079.62
		04/14/2020	2171.76	92.58	2,079.18
MW-30B2	Deep Zone Upper Aquifer	07/10/2019	2175.03	101.00	2,074.03
		10/16/2019	2175.03	100.83	2,074.20
		01/16/2020	2175.03	100.44	2,074.59
		04/10/2020	2175.03	102.25	2,072.78
MW-31	Deep Zone Upper Aquifer	07/10/2019	2172.52	98.76	2,073.77
		10/11/2019	2172.52	99.37	2,073.16
		01/06/2020	2172.52	98.91	2,073.62
		04/23/2020	2172.52	99.11	2,073.42
MW-31C	Lower Aquifer	10/11/2019	2170.17	94.47	2,075.70
		04/10/2020	2170.17	94.35	2,075.82

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-32B1	Deep Zone Upper Aquifer	07/09/2019	2172.80	100.04	2,072.76
		10/16/2019	2172.80	98.73	2,074.07
		01/06/2020	2172.80	99.01	2,073.79
		04/08/2020	2172.80	100.31	2,072.49
MW-32S	Shallow Zone Upper Aquifer	07/09/2019	2169.75	82.54	2,087.21
		10/16/2019	2169.75	82.66	2,087.09
		01/06/2020	2169.75	84.48	2,085.27
		03/04/2020	2169.75	84.13	2,085.62
		04/08/2020	2169.75	83.51	2,086.24
MW-34	Lower Aquifer	10/22/2019	2169.70	92.36	2,077.34
		04/08/2020	2169.70	93.62	2,076.08
MW-35	Deep Zone Upper Aquifer	03/02/2020	2186.51	97.59	2,088.92
		06/01/2020	2186.51	98.51	2,088.00
MW-36	Shallow Zone Upper Aquifer	07/11/2019	2204.67	117.61	2,087.06
		09/05/2019	2204.67	115.93	2,088.74
		10/24/2019	2204.67	114.24	2,090.43
		11/06/2019	2204.67	113.51	2,091.16
		01/15/2020	2204.67	111.26	2,093.41
		01/23/2020	2204.67	110.89	2,093.78
		03/03/2020	2204.67	110.20	2,094.47
		04/16/2020	2204.67	109.05	2,095.62
		04/23/2020	2204.67	109.11	2,095.56
MW-37	Shallow Zone Upper Aquifer	07/09/2019	2199.76	107.67	2,092.09
		11/06/2019	2199.76	107.76	2,092.00
		01/15/2020	2199.76	107.83	2,091.93
		03/05/2020	2199.76	107.95	2,091.81
		04/15/2020	2199.76	107.92	2,091.84
MW-38B	Deep Zone Upper Aquifer	07/09/2019	2191.55	111.31	2,080.24
		11/06/2019	2191.55	112.51	2,079.04
		01/15/2020	2191.55	112.71	2,078.84
		04/15/2020	2191.55	112.85	2,078.70
MW-39	Shallow Zone Upper Aquifer	07/11/2019	2202.02	87.92	2,114.10
		01/15/2020	2202.02	88.19	2,113.83
		04/22/2020	2202.02	88.32	2,113.70
MW-39D	Deep Zone Upper Aquifer	07/11/2019	2201.75	85.25	2,116.50
		11/07/2019	2201.75	85.50	2,116.25
		01/15/2020	2201.75	85.44	2,116.31

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-39D	Deep Zone Upper Aquifer	04/23/2020	2201.75	85.69	2,116.06
MW-41S	Shallow Zone Upper Aquifer	07/10/2019	2174.98	87.70	2,087.28
		10/23/2019	2174.98	87.94	2,087.04
		01/14/2020	2174.98	87.99	2,086.99
		04/10/2020	2174.98	88.30	2,086.68
MW-42B1	Deep Zone Upper Aquifer	10/16/2019	2175.93	102.51	2,073.42
		04/10/2020	2175.93	102.62	2,073.31
MW-42B2	Deep Zone Upper Aquifer	10/16/2019	2175.74	102.22	2,073.52
		04/10/2020	2175.74	102.50	2,073.24
MW-42C	Lower Aquifer	10/16/2019	2172.59	96.52	2,076.08
		12/05/2019	2172.59	95.99	2,076.61
		04/10/2020	2172.59	96.81	2,075.79
MW-43	Deep Zone Upper Aquifer	10/15/2019	2172.19	99.81	2,072.38
		04/23/2020	2172.19	99.43	2,072.76
MW-44B	Deep Zone Upper Aquifer	10/21/2019	2191.34	109.25	2,082.09
		04/15/2020	2191.34	109.71	2,081.63
MW-45A	Shallow Zone Upper Aquifer	10/24/2019	2181.18	100.13	2,081.05
		04/14/2020	2181.18	100.50	2,080.68
MW-45B	Deep Zone Upper Aquifer	10/24/2019	2181.07	99.83	2,081.24
		04/14/2020	2181.07	100.00	2,081.07
MW-47	Upper Aquifer	10/18/2019	2173.65	90.29	2,083.36
		05/07/2020	2173.65	91.16	2,082.49
MW-49A	Deep Zone Upper Aquifer	10/24/2019	2180.68	96.73	2,083.95
		04/15/2020	2180.68	97.24	2,083.44
MW-49B	Deep Zone Upper Aquifer	10/24/2019	2180.86	97.75	2,083.11
		04/15/2020	2180.86	98.38	2,082.48
MW-49S	Shallow Zone Upper Aquifer	10/24/2019	2177.27	92.71	2,084.56
		04/15/2020	2177.27	93.29	2,083.98
MW-50B	Deep Zone Upper Aquifer	07/10/2019	2176.96	101.00	2,075.96
		10/24/2019	2176.96	101.15	2,075.81
		01/10/2020	2176.96	100.74	2,076.22
		04/07/2020	2176.96	101.84	2,075.12
MW-50S	Shallow Zone Upper Aquifer	07/10/2019	2173.42	85.97	2,087.45
		10/24/2019	2173.42	86.35	2,087.07
		01/10/2020	2173.42	86.64	2,086.78
		04/07/2020	2173.42	86.52	2,086.90

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-52	Deep Zone Upper Aquifer	07/09/2019	2193.40	98.14	2,095.26
		10/22/2019	2193.40	99.59	2,093.81
		01/14/2020	2193.40	99.94	2,093.46
		04/16/2020	2193.40	100.64	2,092.76
MW-54	Shallow Zone Upper Aquifer	07/10/2019	2189.38	98.62	2,090.76
		10/25/2019	2189.38	98.86	2,090.52
		12/05/2019	2189.38	99.68	2,089.70
		01/14/2020	2189.38	98.78	2,090.60
MW-55A	Deep Zone Upper Aquifer	07/10/2019	2167.28	97.05	2,070.23
		10/16/2019	2167.28	96.31	2,070.97
		01/07/2020	2167.28	95.84	2,071.44
		04/07/2020	2167.28	97.68	2,069.60
MW-55C	Lower Aquifer	10/16/2019	2164.33	87.46	2,076.87
		04/07/2020	2164.33	87.11	2,077.22
MW-55S	Shallow Zone Upper Aquifer	07/10/2019	2164.43	81.62	2,082.81
		10/16/2019	2164.43	82.24	2,082.19
		01/07/2020	2164.43	82.70	2,081.73
		04/07/2020	2164.43	82.63	2,081.80
MW-56	Deep Zone Upper Aquifer	10/25/2019	2177.29	102.89	2,074.40
		12/05/2019	2177.29	102.01	2,075.28
		04/07/2020	2177.29	103.28	2,074.01
MW-57	Shallow Zone Upper Aquifer	10/25/2019	2166.72	83.29	2,083.43
		01/16/2020	2166.72	82.57	2,084.15
		04/10/2020	2166.72	82.74	2,083.98
MW-57D	Deep Zone Upper Aquifer	10/25/2019	2167.00	79.99	2,087.01
		01/16/2020	2167.00	79.99	2,087.01
		04/10/2020	2167.00	80.14	2,086.86
MW-58	Shallow Zone Upper Aquifer	10/18/2019	2181.71	90.10	2,091.61
		05/07/2020	2181.71	90.41	2,091.30
		06/05/2020	2181.71	90.78	2,090.93
MW-59	Shallow Zone Upper Aquifer	10/18/2019	2176.72	87.48	2,089.24
MW-62A	Deep Zone Upper Aquifer	10/15/2019	2168.94	99.76	2,069.18
		04/09/2020	2168.94	100.90	2,068.04
MW-62C	Lower Aquifer	10/15/2019	2168.05	91.03	2,077.02
		01/06/2020	2168.05	90.00	2,078.05
		04/09/2020	2168.05	91.85	2,076.20
MW-63	Shallow Zone Upper Aquifer	07/10/2019	2168.34	87.51	2,080.83

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-63	Shallow Zone Upper Aquifer	10/15/2019	2168.34	88.17	2,080.17
		01/08/2020	2168.34	88.47	2,079.87
		04/23/2020	2168.34	88.70	2,079.64
MW-66A	Shallow Zone Upper Aquifer	07/10/2019	2179.78	89.58	2,090.20
		10/25/2019	2179.78	93.39	2,086.39
		04/24/2020	2179.78	93.52	2,086.26
MW-67B	Deep Zone Upper Aquifer	07/10/2019	2212.98	115.00	2,097.98
		11/06/2019	2212.98	114.32	2,098.66
		01/10/2020	2212.98	114.11	2,098.87
		04/06/2020	2212.98	113.32	2,099.66
MW-68C	Lower Aquifer	10/16/2019	2167.05	90.44	2,076.61
		01/06/2020	2167.05	89.31	2,077.74
		04/08/2020	2167.05	90.59	2,076.46
MW-68D	Deep Zone Upper Aquifer	07/09/2019	2166.93	96.83	2,070.10
		10/16/2019	2166.93	97.31	2,069.62
		01/06/2020	2166.93	97.59	2,069.34
		03/04/2020	2166.93	97.98	2,068.95
		04/08/2020	2166.93	98.90	2,068.03
MW-68S	Shallow Zone Upper Aquifer	07/09/2019	2166.93	85.20	2,081.73
		10/16/2019	2166.93	86.00	2,080.93
		01/06/2020	2166.93	86.80	2,080.13
		03/04/2020	2166.93	86.68	2,080.25
		04/08/2020	2166.93	86.53	2,080.40
MW-69D	Deep Zone Upper Aquifer	10/16/2019	2162.04	88.46	2,073.58
		12/03/2019	2162.04	88.81	2,073.23
		04/09/2020	2162.04	89.67	2,072.37
MW-69S	Shallow Zone Upper Aquifer	10/16/2019	2162.04	83.52	2,078.52
		04/09/2020	2162.04	80.02	2,082.02
MW-70D	Deep Zone Upper Aquifer	07/08/2019	2159.34	87.91	2,071.43
		10/22/2019	2159.34	89.25	2,070.09
		01/06/2020	2159.34	90.52	2,068.82
		04/08/2020	2159.34	91.39	2,067.95
MW-70S	Shallow Zone Upper Aquifer	07/08/2019	2159.33	80.44	2,078.89
		10/22/2019	2159.33	80.89	2,078.44
		01/06/2020	2159.33	81.20	2,078.13
		05/06/2020	2159.33	81.21	2,078.12
MW-71D	Deep Zone Upper Aquifer	07/08/2019	2159.97	89.67	2,070.30

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-71D	Deep Zone Upper Aquifer	10/11/2019	2159.97	90.89	2,069.08
		01/07/2020	2159.97	92.02	2,067.95
		04/08/2020	2159.97	91.11	2,068.86
MW-71S	Shallow Zone Upper Aquifer	07/08/2019	2160.02	84.22	2,075.80
		10/11/2019	2160.02	84.47	2,075.55
		01/07/2020	2160.02	83.76	2,076.26
		04/08/2020	2160.02	84.80	2,075.22
MW-72S	Shallow Zone Upper Aquifer	07/09/2019	2161.07	82.75	2,078.32
		10/11/2019	2161.07	83.00	2,078.07
		05/06/2020	2161.07	82.97	2,078.10
MW-73D	Deep Zone Upper Aquifer	07/10/2019	2205.03	118.19	2,086.84
		11/07/2019	2205.03	114.42	2,090.61
		01/14/2020	2205.03	112.23	2,092.80
		04/16/2020	2205.03	109.80	2,095.23
		06/04/2020	2205.03	108.90	2,096.13
MW-73S	Shallow Zone Upper Aquifer	11/07/2019	2204.86	109.47	2,095.40
MW-74D	Shallow Zone Upper Aquifer	07/11/2019	2205.97	111.39	2,094.58
		11/07/2019	2205.97	111.41	2,094.56
		01/14/2020	2205.97	111.40	2,094.57
		04/16/2020	2205.97	111.50	2,094.47
MW-74D2	Deep Zone Upper Aquifer	07/11/2019	2205.90	110.94	2,094.96
		11/07/2019	2205.90	110.87	2,095.03
		01/14/2020	2205.90	110.61	2,095.29
		04/16/2020	2205.90	110.77	2,095.13
MW-75D	Deep Zone Upper Aquifer	07/10/2019	2193.93	106.32	2,087.61
		11/06/2019	2193.93	106.60	2,087.33
		01/14/2020	2193.93	106.31	2,087.62
		04/24/2020	2193.93	106.61	2,087.32
MW-76S	Shallow Zone Upper Aquifer	10/25/2019	2186.40	104.71	2,081.69
		12/04/2019	2186.40	104.74	2,081.66
		04/09/2020	2186.40	105.09	2,081.31
MW-78D	Deep Zone Upper Aquifer	07/11/2019	2206.16	83.59	2,122.57
		01/15/2020	2206.16	83.34	2,122.82
MW-78S	Shallow Zone Upper Aquifer	07/11/2019	2206.05	89.98	2,116.07
		11/07/2019	2206.05	90.02	2,116.03
		01/15/2020	2206.05	89.81	2,116.24
		04/16/2020	2206.05	89.41	2,116.64

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-79S	Shallow Zone Upper Aquifer	07/09/2019	2159.86	81.85	2,078.01
		10/11/2019	2159.86	81.97	2,077.89
		12/03/2019	2159.86	81.47	2,078.39
		04/07/2020	2159.86	81.86	2,078.00
MW-80S	Shallow Zone Upper Aquifer	07/09/2019	2159.91	81.10	2,078.81
		10/11/2019	2159.91	81.43	2,078.48
		02/03/2020	2159.91	81.35	2,078.56
		04/09/2020	2159.91	81.43	2,078.48
MW-83D	Shallow Zone Upper Aquifer	07/09/2019	2166.42	86.19	2,080.23
		10/11/2019	2166.42	86.94	2,079.48
		01/07/2020	2166.42	87.29	2,079.13
		04/23/2020	2166.42	87.40	2,079.02
MW-83S	Shallow Zone Upper Aquifer	07/09/2019	2166.48	86.35	2,080.13
		10/11/2019	2166.48	87.02	2,079.46
		01/07/2020	2166.48	87.37	2,079.11
		03/05/2020	2166.48	87.48	2,079.00
		04/23/2020	2166.48	87.46	2,079.02
MW-84D	Deep Zone Upper Aquifer	07/08/2019	2156.94	81.18	2,075.76
		10/16/2019	2156.94	81.61	2,075.33
		01/07/2020	2156.94	83.87	2,073.07
		04/13/2020	2156.94	83.57	2,073.37
MW-84S	Shallow Zone Upper Aquifer	07/08/2019	2156.88	79.49	2,077.39
		10/16/2019	2156.88	79.70	2,077.18
		01/07/2020	2156.88	79.95	2,076.93
		04/13/2020	2156.88	80.11	2,076.77
MW-85D	Deep Zone Upper Aquifer	07/08/2019	2156.83	84.39	2,072.44
		10/16/2019	2156.83	84.75	2,072.08
		01/07/2020	2156.83	86.64	2,070.19
		04/13/2020	2156.83	84.85	2,071.98
MW-85S	Shallow Zone Upper Aquifer	07/18/2019	2157.01	79.29	2,077.72
		10/16/2019	2157.01	78.82	2,078.19
		01/07/2020	2157.01	79.81	2,077.20
		04/13/2020	2157.01	79.42	2,077.59
MW-86D	Deep Zone Upper Aquifer	08/06/2019	2167.71	94.02	2,073.69
		10/22/2019	2167.71	91.92	2,075.79
		04/08/2020	2167.71	92.88	2,074.83
MW-86S	Shallow Zone Upper Aquifer	08/06/2019	2167.45	85.61	2,081.84

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-86S	Shallow Zone Upper Aquifer	10/22/2019	2167.45	85.79	2,081.66
		04/08/2020	2167.45	85.90	2,081.55
MW-87D	Deep Zone Upper Aquifer	10/22/2019	2166.56	90.66	2,075.90
		04/09/2020	2166.56	91.89	2,074.67
MW-87S	Shallow Zone Upper Aquifer	10/22/2019	2166.58	81.26	2,085.32
		04/09/2020	2166.58	81.68	2,084.90
MW-88D	Deep Zone Upper Aquifer	10/22/2019	2171.81	95.55	2,076.26
		12/03/2019	2171.81	95.00	2,076.81
		04/24/2020	2171.81	96.00	2,075.81
MW-88S	Shallow Zone Upper Aquifer	10/22/2019	2171.82	84.45	2,087.37
		04/24/2020	2171.82	85.00	2,086.82
MW-89D	Deep Zone Upper Aquifer	07/11/2019	2157.53	85.47	2,072.06
		10/22/2019	2157.53	85.42	2,072.11
		01/07/2020	2157.53	86.42	2,071.11
		04/06/2020	2157.53	86.50	2,071.03
MW-89S	Shallow Zone Upper Aquifer	07/11/2019	2157.57	78.76	2,078.81
		10/22/2019	2157.57	79.34	2,078.23
		01/07/2020	2157.57	79.40	2,078.17
		04/06/2020	2157.57	79.62	2,077.95
MW-90C	Lower Aquifer	12/03/2019	2172.70	96.12	2,076.58
		05/06/2020	2172.70	96.79	2,075.91
MW-91C	Lower Aquifer	10/25/2019	2175.04	98.19	2,076.85
		04/13/2020	2175.04	98.34	2,076.70
MW-92C	Lower Aquifer	07/10/2019	2172.12	96.41	2,075.71
		10/18/2019	2172.12	97.29	2,074.83
		01/16/2020	2172.12	96.55	2,075.57
		03/04/2020	2172.12	96.68	2,075.44
		04/13/2020	2172.12	97.10	2,075.02
MW-93C	Lower Aquifer	10/25/2019	2180.08	101.55	2,078.53
		04/14/2020	2180.08	101.66	2,078.42
MW-94D	Shallow Zone Upper Aquifer	10/11/2019	2156.29	80.00	2,076.29
MW-94S	Shallow Zone Upper Aquifer	10/11/2019	2156.26	79.19	2,077.07
		03/03/2020	2156.26	79.13	2,077.13
		04/07/2020	2156.26	79.21	2,077.05
MW-95S	Shallow Zone Upper Aquifer	10/21/2019	2177.29	90.55	2,086.74
		04/15/2020	2177.29	91.11	2,086.18

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
MW-96S	Shallow Zone Upper Aquifer	10/11/2019	2165.19	81.14	2,084.05
MW-97S	Shallow Zone Upper Aquifer	10/11/2019	2165.49	86.33	2,079.16
		12/03/2019	2165.49	86.21	2,079.28
		04/07/2020	2165.49	86.24	2,079.25
		06/05/2020	2165.49	86.31	2,079.18
MW-98C	Lower Aquifer	10/18/2019	2174.64	96.71	2,077.93
		04/14/2020	2174.64	96.90	2,077.74
MW-99C	Lower Aquifer	10/16/2019	2173.85	97.47	2,076.38
		04/10/2020	2173.85	97.93	2,075.92
PGE-06	Upper Aquifer	07/26/2019	2195.61	85.55	2,110.06
PMW-01	Deep Zone Upper Aquifer	07/24/2019	2200.88	79.91	2,120.97
		10/23/2019	2200.88	87.47	2,113.41
		01/22/2020	2200.88	84.19	2,116.69
		04/22/2020	2200.88	84.49	2,116.39
PMW-02	Shallow Zone Upper Aquifer	07/24/2019	2199.16	102.01	2,097.15
		10/23/2019	2199.16	103.38	2,095.78
		01/23/2020	2199.16	103.83	2,095.33
		04/23/2020	2199.16	104.62	2,094.54
PMW-03	Deep Zone Upper Aquifer	07/25/2019	2197.20	100.51	2,096.69
		10/23/2019	2197.20	99.56	2,097.64
		01/22/2020	2197.20	102.39	2,094.81
		04/23/2020	2197.20	102.32	2,094.88
PMW-04	Upper Aquifer	07/24/2019	2197.31	95.02	2,102.29
		10/25/2019	2197.31	94.71	2,102.60
		01/22/2020	2197.31	94.91	2,102.40
		04/23/2020	2197.31	93.00	2,104.31
PMW-05	Upper Aquifer	07/25/2019	2198.65	94.75	2,103.90
		10/25/2019	2198.65	95.35	2,103.30
		01/22/2020	2198.65	93.78	2,104.87
		04/23/2020	2198.65	93.53	2,105.12
PMW-06	Upper Aquifer	07/25/2019	2200.56	92.98	2,107.58
		10/23/2019	2200.56	92.83	2,107.73
		01/22/2020	2200.56	90.84	2,109.72
		04/23/2020	2200.56	91.81	2,108.75
PT2-MW-10	Deep Zone Upper Aquifer	07/24/2019	2194.09	96.00	2,098.09
		11/07/2019	2194.09	97.11	2,096.98
		01/16/2020	2194.09	96.17	2,097.92

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
PT2-MW-10	Deep Zone Upper Aquifer	04/17/2020	2194.09	96.01	2,098.08
SA-MW-01D	Deep Zone Upper Aquifer	07/16/2019	2200.08	96.43	2,103.65
		01/20/2020	2200.08	94.54	2,105.54
SA-MW-01S	Shallow Zone Upper Aquifer	07/16/2019	2199.98	95.01	2,104.97
		11/05/2019	2199.98	95.30	2,104.68
		01/20/2020	2199.98	94.93	2,105.05
		04/15/2020	2199.98	94.22	2,105.76
SA-MW-02D	Deep Zone Upper Aquifer	07/16/2019	2198.78	88.40	2,110.38
		01/20/2020	2198.78	84.07	2,114.71
SA-MW-03S	Shallow Zone Upper Aquifer	07/16/2019	2196.83	83.20	2,113.63
SA-MW-04S	Shallow Zone Upper Aquifer	07/16/2019	2195.37	94.25	2,101.12
		11/07/2019	2195.37	94.59	2,100.78
		01/20/2020	2195.37	94.41	2,100.96
SA-MW-05D	Deep Zone Upper Aquifer	07/26/2019	2194.39	94.39	2,100.00
		01/20/2020	2194.39	93.94	2,100.45
		04/15/2020	2194.39	92.82	2,101.57
SA-MW-06D	Deep Zone Upper Aquifer	07/23/2019	2201.26	112.81	2,088.45
		01/20/2020	2201.26	106.00	2,095.26
SA-MW-06S	Shallow Zone Upper Aquifer	07/25/2019	2201.24	97.81	2,103.43
		11/07/2019	2201.24	97.99	2,103.25
		01/20/2020	2201.24	98.11	2,103.13
		04/15/2020	2201.24	97.41	2,103.83
SA-MW-07D	Deep Zone Upper Aquifer	07/23/2019	2199.59	97.44	2,102.15
		11/07/2019	2199.59	97.81	2,101.78
		01/21/2020	2199.59	97.32	2,102.27
		04/15/2020	2199.59	96.50	2,103.09
SA-MW-09D	Deep Zone Upper Aquifer	07/25/2019	2195.28	81.81	2,113.47
SA-MW-09S	Shallow Zone Upper Aquifer	07/24/2019	2195.29	94.92	2,100.37
		11/07/2019	2195.29	94.79	2,100.50
		01/21/2020	2195.29	94.70	2,100.59
		04/20/2020	2195.29	94.03	2,101.26
SA-MW-10D	Deep Zone Upper Aquifer	07/25/2019	2194.40	94.64	2,099.76
		11/07/2019	2194.40	94.00	2,100.40
		01/21/2020	2194.40	94.18	2,100.22
		04/20/2020	2194.40	92.59	2,101.81
SA-MW-10S	Shallow Zone Upper Aquifer	07/26/2019	2194.31	94.27	2,100.04
		01/21/2020	2194.31	94.11	2,100.20

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
SA-MW-11D	Deep Zone Upper Aquifer	07/18/2019	2202.44	114.73	2,087.71
		01/21/2020	2202.44	102.11	2,100.33
SA-MW-11S	Shallow Zone Upper Aquifer	07/18/2019	2202.43	99.43	2,103.00
		11/05/2019	2202.43	99.59	2,102.84
		01/21/2020	2202.43	99.81	2,102.62
		04/17/2020	2202.43	98.71	2,103.72
SA-MW-13S	Shallow Zone Upper Aquifer	07/18/2019	2197.33	98.25	2,099.08
		11/07/2019	2197.33	98.57	2,098.76
		01/21/2020	2197.33	98.23	2,099.10
		04/20/2020	2197.33	94.13	2,103.20
SA-MW-14D	Deep Zone Upper Aquifer	07/17/2019	2194.50	96.40	2,098.10
		11/08/2019	2194.50	96.66	2,097.84
		01/22/2020	2194.50	95.98	2,098.52
		04/20/2020	2194.50	93.68	2,100.82
SA-MW-15D	Deep Zone Upper Aquifer	07/17/2019	2192.35	95.33	2,097.02
		01/10/2020	2192.35	93.83	2,098.52
SA-MW-15S	Shallow Zone Upper Aquifer	07/17/2019	2192.34	95.90	2,096.44
		10/21/2019	2192.34	96.02	2,096.32
		01/10/2020	2192.34	94.46	2,097.88
		04/20/2020	2192.34	95.31	2,097.03
SA-MW-16S	Shallow Zone Upper Aquifer	07/22/2019	2205.35	103.14	2,102.21
		11/07/2019	2205.35	102.34	2,103.01
		01/22/2020	2205.35	101.80	2,103.55
		04/20/2020	2205.35	101.68	2,103.67
SA-MW-17D	Deep Zone Upper Aquifer	07/16/2019	2204.89	108.29	2,096.60
		01/22/2020	2204.89	103.60	2,101.29
SA-MW-17S	Shallow Zone Upper Aquifer	07/16/2019	2204.88	100.06	2,104.82
		11/05/2019	2204.88	100.48	2,104.40
		01/22/2020	2204.88	100.61	2,104.27
		04/20/2020	2204.88	100.12	2,104.76
SA-MW-18D	Deep Zone Upper Aquifer	07/16/2019	2203.57	115.12	2,088.45
		01/22/2020	2203.57	109.25	2,094.32
SA-MW-18S	Shallow Zone Upper Aquifer	07/16/2019	2203.60	99.90	2,103.70
		11/05/2019	2203.60	100.30	2,103.30
		01/22/2020	2203.60	100.42	2,103.18
		04/20/2020	2203.60	99.51	2,104.09
SA-MW-20D	Deep Zone Upper Aquifer	07/25/2019	2194.50	95.30	2,099.20

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
SA-MW-20D	Deep Zone Upper Aquifer	11/07/2019	2194.50	95.28	2,099.22
		01/22/2020	2194.50	95.69	2,098.81
		04/21/2020	2194.50	94.69	2,099.81
SA-MW-21D	Deep Zone Upper Aquifer	07/18/2019	2193.89	96.17	2,097.72
		01/22/2020	2193.89	96.81	2,097.08
SA-MW-21S	Shallow Zone Upper Aquifer	07/18/2019	2193.93	93.21	2,100.72
SA-MW-22D	Deep Zone Upper Aquifer	07/18/2019	2194.86	101.60	2,093.27
SA-MW-24D	Deep Zone Upper Aquifer	07/22/2019	2196.66	100.09	2,096.57
		01/21/2020	2196.66	102.09	2,094.57
SA-MW-24S	Shallow Zone Upper Aquifer	07/22/2019	2196.58	100.30	2,096.28
		01/21/2020	2196.58	102.21	2,094.37
SA-MW-25D	Deep Zone Upper Aquifer	07/18/2019	2198.24	99.88	2,098.36
		11/07/2019	2198.24	100.90	2,097.34
		01/17/2020	2198.24	101.79	2,096.45
		04/21/2020	2198.24	102.53	2,095.71
SA-MW-25S	Shallow Zone Upper Aquifer	07/18/2019	2198.25	102.21	2,096.04
		11/07/2019	2198.25	103.93	2,094.32
		01/17/2020	2198.25	104.21	2,094.04
		04/21/2020	2198.25	105.12	2,093.13
SA-MW-26D	Deep Zone Upper Aquifer	07/18/2019	2208.84	92.08	2,116.76
		11/06/2019	2208.84	91.90	2,116.94
		01/17/2020	2208.84	92.16	2,116.68
		04/21/2020	2208.84	91.59	2,117.25
SA-MW-26S	Shallow Zone Upper Aquifer	07/18/2019	2208.89	88.02	2,120.87
		11/05/2019	2208.89	89.90	2,118.99
		01/17/2020	2208.89	91.15	2,117.74
		04/21/2020	2208.89	92.31	2,116.58
SA-MW-27D	Deep Zone Upper Aquifer	07/22/2019	2199.03	94.24	2,104.79
		11/07/2019	2199.03	95.89	2,103.14
		01/17/2020	2199.03	96.47	2,102.56
		04/21/2020	2199.03	97.07	2,101.96
		06/04/2020	2199.03	97.73	2,101.30
SA-MW-27SR	Shallow Zone Upper Aquifer	07/22/2019	2198.50	95.60	2,102.90
		11/07/2019	2198.50	96.68	2,101.82
		01/17/2020	2198.50	97.43	2,101.07
		04/21/2020	2198.50	98.10	2,100.40
SA-MW-34D	Deep Zone Upper Aquifer	07/22/2019	2203.13	85.49	2,117.64

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
SA-MW-34S	Shallow Zone Upper Aquifer	07/22/2019	2203.35	82.37	2,120.98
		11/07/2019	2203.35	83.42	2,119.93
		01/17/2020	2203.35	84.47	2,118.88
		04/21/2020	2203.35	85.21	2,118.14
SA-MW-35D	Deep Zone Upper Aquifer	07/24/2019	2201.98	82.41	2,119.57
		01/17/2020	2201.98	85.11	2,116.87
SA-MW-35S	Shallow Zone Upper Aquifer	07/24/2019	2201.97	96.91	2,105.06
		01/17/2020	2201.97	98.88	2,103.09
SA-MW-36D	Deep Zone Upper Aquifer	07/23/2019	2198.21	94.30	2,103.91
		02/04/2020	2198.21	96.45	2,101.76
SA-MW-36S	Shallow Zone Upper Aquifer	07/23/2019	2198.20	96.45	2,101.75
		11/07/2019	2198.20	98.00	2,100.20
		02/04/2020	2198.20	98.66	2,099.54
		04/21/2020	2198.20	99.30	2,098.90
SA-MW-37D	Deep Zone Upper Aquifer	07/23/2019	2198.63	94.88	2,103.75
		11/04/2019	2198.63	96.25	2,102.38
		02/04/2020	2198.63	96.98	2,101.65
		04/21/2020	2198.63	97.76	2,100.87
SA-MW-38D	Deep Zone Upper Aquifer	07/19/2019	2207.58	117.52	2,090.06
		11/04/2019	2207.58	113.40	2,094.18
		02/04/2020	2207.58	110.91	2,096.67
		04/21/2020	2207.58	109.33	2,098.25
SA-MW-38S	Shallow Zone Upper Aquifer	07/19/2019	2207.65	101.68	2,105.97
		11/04/2019	2207.65	101.91	2,105.74
		02/04/2020	2207.65	101.92	2,105.73
		04/21/2020	2207.65	101.24	2,106.41
SA-MW-39D	Deep Zone Upper Aquifer	07/19/2019	2199.16	79.55	2,119.61
		11/04/2019	2199.16	80.14	2,119.02
		01/23/2020	2199.16	80.90	2,118.26
		04/21/2020	2199.16	82.11	2,117.05
SA-MW-39S	Shallow Zone Upper Aquifer	07/19/2019	2198.96	79.15	2,119.81
		11/04/2019	2198.96	79.99	2,118.97
		01/23/2020	2198.96	80.99	2,117.97
		04/21/2020	2198.96	81.82	2,117.14
SA-MW-40D	Deep Zone Upper Aquifer	07/19/2019	2201.01	82.81	2,118.20
		11/04/2019	2201.01	82.40	2,118.61
		01/23/2020	2201.01	83.00	2,118.01

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
SA-MW-40D	Deep Zone Upper Aquifer	04/21/2020	2201.01	81.73	2,119.28
SA-MW-40S	Shallow Zone Upper Aquifer	07/19/2019	2200.72	81.24	2,119.48
		11/04/2019	2200.72	81.63	2,119.09
		01/23/2020	2200.72	82.08	2,118.64
		04/21/2020	2200.72	84.67	2,116.05
SA-SM-01S	Shallow Zone Upper Aquifer	07/23/2019	2200.81	96.77	2,104.04
		11/06/2019	2200.81	96.90	2,103.91
		02/06/2020	2200.81	95.74	2,105.07
		04/22/2020	2200.81	95.20	2,105.61
SA-SM-02S	Shallow Zone Upper Aquifer	07/23/2019	2200.95	96.45	2,104.50
		11/06/2019	2200.95	96.77	2,104.18
		02/06/2020	2200.95	95.78	2,105.17
		04/22/2020	2200.95	95.50	2,105.45
SA-SM-03SR	Shallow Zone Upper Aquifer	07/23/2019	2198.84	94.18	2,104.66
		11/06/2019	2198.84	94.91	2,103.93
		02/06/2020	2198.84	95.31	2,103.53
		04/22/2020	2198.84	95.74	2,103.10
SA-SM-05S	Shallow Zone Upper Aquifer	07/23/2019	2200.87	81.18	2,119.69
SA-SM-06S	Shallow Zone Upper Aquifer	07/24/2019	2203.78	95.50	2,108.28
		10/24/2019	2203.78	96.38	2,107.40
		01/23/2020	2203.78	95.88	2,107.90
		04/22/2020	2203.78	95.90	2,107.88
SA-SM-07S	Shallow Zone Upper Aquifer	07/23/2019	2199.87	79.64	2,120.23
SA-SM-08D	Deep Zone Upper Aquifer	07/23/2019	2199.17	85.91	2,113.26
		11/06/2019	2199.17	83.53	2,115.64
		02/06/2020	2199.17	84.53	2,114.64
		04/22/2020	2199.17	75.21	2,123.96
SA-SM-08S	Shallow Zone Upper Aquifer	07/23/2019	2199.23	79.00	2,120.23
		10/24/2019	2199.23	81.15	2,118.08
		04/22/2020	2199.23	82.76	2,116.47
SA-SM-09S	Shallow Zone Upper Aquifer	07/23/2019	2196.12	100.15	2,095.97
		03/06/2020	2196.12	101.61	2,094.51
SA-SM-10D	Deep Zone Upper Aquifer	07/23/2019	2196.42	91.75	2,104.67
SA-SM-10S	Shallow Zone Upper Aquifer	07/23/2019	2196.38	96.18	2,100.20
SA-SM-11D	Deep Zone Upper Aquifer	07/23/2019	2197.39	77.15	2,120.24
		02/06/2020	2197.39	81.09	2,116.30

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
SA-SM-11S	Shallow Zone Upper Aquifer	07/23/2019	2197.40	89.40	2,108.00
		11/06/2019	2197.40	90.46	2,106.94
		02/06/2020	2197.40	91.58	2,105.82
		04/22/2020	2197.40	92.23	2,105.17
SC-MW-01D	Deep Zone Upper Aquifer	07/22/2019	2195.93	108.58	2,087.35
		11/05/2019	2195.93	104.39	2,091.54
		01/23/2020	2195.93	103.97	2,091.96
		04/08/2020	2195.93	105.04	2,090.89
SC-MW-02D	Deep Zone Upper Aquifer	07/22/2019	2194.01	108.09	2,085.92
		11/05/2019	2194.01	108.20	2,085.81
		02/05/2020	2194.01	108.00	2,086.01
		04/08/2020	2194.01	109.18	2,084.83
SC-MW-03D	Deep Zone Upper Aquifer	07/22/2019	2192.94	104.02	2,088.92
		11/05/2019	2192.94	103.33	2,089.61
		02/05/2020	2192.94	103.04	2,089.90
		04/08/2020	2192.94	105.32	2,087.62
SC-MW-04D	Deep Zone Upper Aquifer	07/22/2019	2191.71	101.41	2,090.30
		11/05/2019	2191.71	101.80	2,089.91
		12/02/2019	2191.71	102.31	2,089.40
		01/24/2020	2191.71	101.51	2,090.20
		03/02/2020	2191.71	101.72	2,089.99
		06/01/2020	2191.71	103.93	2,087.78
SC-MW-04S	Shallow Zone Upper Aquifer	07/24/2019	2191.78	100.41	2,091.37
		11/05/2019	2191.78	101.21	2,090.57
		01/24/2020	2191.78	101.45	2,090.33
SC-MW-05D	Deep Zone Upper Aquifer	07/25/2019	2187.68	97.40	2,090.28
		11/05/2019	2187.68	98.19	2,089.49
		01/24/2020	2187.68	98.45	2,089.23
		03/02/2020	2187.68	98.73	2,088.95
		06/01/2020	2187.68	100.32	2,087.36
SC-MW-05S	Shallow Zone Upper Aquifer	07/24/2019	2187.93	96.89	2,091.04
		01/24/2020	2187.93	98.23	2,089.70
SC-MW-06D	Deep Zone Upper Aquifer	07/25/2019	2185.70	95.80	2,089.90
		11/05/2019	2185.70	96.39	2,089.31
		01/24/2020	2185.70	96.74	2,088.96
		03/02/2020	2185.70	96.75	2,088.95
		06/01/2020	2185.70	98.40	2,087.30

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
SC-MW-06S	Shallow Zone Upper Aquifer	07/26/2019	2185.75	95.32	2,090.43
		11/05/2019	2185.75	96.15	2,089.60
		01/24/2020	2185.75	96.59	2,089.16
SC-MW-07D	Deep Zone Upper Aquifer	07/25/2019	2184.60	95.08	2,089.52
		09/04/2019	2184.60	95.51	2,089.09
		11/05/2019	2184.60	95.98	2,088.62
		01/24/2020	2184.60	96.45	2,088.15
		04/15/2020	2184.60	96.61	2,087.99
SC-MW-07S	Shallow Zone Upper Aquifer	07/25/2019	2184.62	95.08	2,089.54
		11/05/2019	2184.62	95.99	2,088.63
		01/24/2020	2184.62	96.53	2,088.09
		04/15/2020	2184.62	96.96	2,087.66
SC-MW-08D	Deep Zone Upper Aquifer	07/23/2019	2182.95	95.06	2,087.89
		02/05/2020	2182.95	96.09	2,086.86
SC-MW-08S	Shallow Zone Upper Aquifer	07/25/2019	2183.07	94.00	2,089.07
		02/05/2020	2183.07	95.39	2,087.68
SC-MW-09D	Deep Zone Upper Aquifer	07/23/2019	2186.81	102.82	2,083.99
		09/04/2019	2187.11	103.33	2,083.78
		11/05/2019	2186.81	103.15	2,083.66
		02/05/2020	2186.81	103.80	2,083.01
		04/15/2020	2186.81	104.00	2,082.81
SC-MW-09S	Shallow Zone Upper Aquifer	07/25/2019	2187.11	98.49	2,088.62
		02/05/2020	2187.11	99.88	2,087.23
SC-MW-10D	Deep Zone Upper Aquifer	07/23/2019	2185.71	99.30	2,086.41
		11/06/2019	2185.71	99.90	2,085.81
		02/05/2020	2185.71	100.33	2,085.38
		04/15/2020	2185.71	100.98	2,084.73
SC-MW-10S	Shallow Zone Upper Aquifer	07/25/2019	2185.65	97.26	2,088.39
		11/06/2019	2185.65	98.32	2,087.33
		02/05/2020	2185.65	98.61	2,087.04
		04/15/2020	2185.65	99.12	2,086.53
		06/02/2020	2185.65	99.28	2,086.37
SC-MW-11D	Deep Zone Upper Aquifer	07/18/2019	2201.58	111.81	2,089.77
		11/07/2019	2201.58	109.34	2,092.24
		02/05/2020	2201.58	106.72	2,094.86
		04/15/2020	2201.58	105.53	2,096.05
SC-MW-12D	Deep Zone Upper Aquifer	07/18/2019	2198.19	111.02	2,087.17

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
SC-MW-12D	Deep Zone Upper Aquifer	11/07/2019	2198.19	107.15	2,091.04
		02/04/2020	2198.19	104.60	2,093.59
		04/15/2020	2198.19	102.72	2,095.47
SC-MW-12S	Shallow Zone Upper Aquifer	07/18/2019	2198.39	93.70	2,104.69
		11/07/2019	2198.39	93.70	2,104.69
		02/04/2020	2198.39	93.91	2,104.48
		04/15/2020	2198.39	94.15	2,104.24
SC-MW-13D	Deep Zone Upper Aquifer	07/18/2019	2197.13	110.23	2,086.90
		11/07/2019	2197.13	106.58	2,090.55
		01/21/2020	2197.13	104.31	2,092.82
		04/20/2020	2197.13	101.92	2,095.21
SC-MW-13S	Shallow Zone Upper Aquifer	07/18/2019	2197.30	92.76	2,104.54
		10/22/2019	2197.30	92.38	2,104.92
		01/21/2020	2197.30	91.54	2,105.76
		04/20/2020	2197.30	94.51	2,102.79
SC-MW-14D	Deep Zone Upper Aquifer	07/17/2019	2192.35	98.70	2,093.65
		02/04/2020	2192.35	100.02	2,092.33
SC-MW-15D	Deep Zone Upper Aquifer	07/17/2019	2191.60	99.91	2,091.69
		01/21/2020	2191.60	100.44	2,091.16
SC-MW-16C	Lower Aquifer	10/22/2019	2190.72	88.23	2,102.49
SC-MW-16D	Deep Zone Upper Aquifer	07/17/2019	2190.99	99.47	2,091.52
		02/04/2020	2190.99	100.59	2,090.40
SC-MW-16S	Shallow Zone Upper Aquifer	07/17/2019	2190.99	98.78	2,092.21
		02/04/2020	2190.99	100.08	2,090.91
SC-MW-17D	Deep Zone Upper Aquifer	07/17/2019	2192.69	101.77	2,090.92
		11/07/2019	2192.69	101.52	2,091.17
		02/04/2020	2192.69	101.73	2,090.96
SC-MW-21D	Deep Zone Upper Aquifer	07/17/2019	2195.56	108.27	2,087.29
		11/06/2019	2195.56	104.32	2,091.24
		01/21/2020	2195.56	101.91	2,093.65
		04/21/2020	2195.56	99.12	2,096.44
SC-MW-21S	Shallow Zone Upper Aquifer	07/17/2019	2195.44	92.62	2,102.82
		10/22/2019	2195.44	93.30	2,102.14
		01/21/2020	2195.44	93.81	2,101.63
		04/21/2020	2195.44	92.25	2,103.19
SC-MW-22D	Deep Zone Upper Aquifer	07/17/2019	2194.56	107.10	2,087.46
SC-MW-23S	Shallow Zone Upper Aquifer	07/17/2019	2192.03	93.18	2,098.85

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Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
SC-MW-26D	Deep Zone Upper Aquifer	07/17/2019	2189.10	96.24	2,092.86
		11/05/2019	2189.10	95.38	2,093.72
		02/04/2020	2189.10	94.97	2,094.13
		06/04/2020	2189.10	99.41	2,089.69
SC-MW-26S	Shallow Zone Upper Aquifer	07/17/2019	2189.01	96.41	2,092.60
		11/05/2019	2189.01	96.58	2,092.43
		02/04/2020	2189.01	95.60	2,093.41
		04/21/2020	2189.01	98.57	2,090.44
SC-MW-32D	Deep Zone Upper Aquifer	07/17/2019	2193.76	94.52	2,099.24
		02/04/2020	2193.76	95.02	2,098.74
SC-MW-38D	Deep Zone Upper Aquifer	07/18/2019	2189.06	97.83	2,091.24
		09/05/2019	2189.06	98.76	2,090.31
		02/04/2020	2189.06	98.80	2,090.27
		06/01/2020	2189.06	100.79	2,088.28
SC-MW-38S	Shallow Zone Upper Aquifer	07/18/2019	2188.71	97.93	2,090.78
X-04	Upper Aquifer	04/14/2020	2196.26	99.00	2,097.26
X-05	Upper Aquifer	04/14/2020	2195.30	79.93	2,115.37
X-06	Upper Aquifer	04/14/2020	2195.62	86.43	2,109.19
X-10	Upper Aquifer	07/16/2019	2191.82	97.31	2,094.51
		11/08/2019	2191.82	98.22	2,093.60
		01/21/2020	2191.82	98.30	2,093.52
		04/13/2020	2191.82	99.51	2,092.31
		05/05/2020	2191.82	99.18	2,092.64
X-11	Deep Zone Upper Aquifer	07/16/2019	2193.73	95.00	2,098.73
		11/08/2019	2193.73	95.70	2,098.03
		01/21/2020	2193.73	95.79	2,097.94
		04/13/2020	2193.73	95.68	2,098.05
		05/05/2020	2193.73	95.85	2,097.88
X-12	Upper Aquifer	01/21/2020	2192.61	90.06	2,102.55
		04/13/2020	2192.61	89.22	2,103.39
X-13	Upper Aquifer	11/08/2019	2191.90	88.61	2,103.29
		01/21/2020	2191.90	89.11	2,102.79
		04/13/2020	2191.90	88.61	2,103.29
X-16	Deep Zone Upper Aquifer	07/16/2019	2191.14	98.04	2,093.10
		11/08/2019	2191.14	98.98	2,092.16
		01/21/2020	2191.14	98.79	2,092.35
		04/23/2020	2191.14	100.25	2,090.89

Table D-1
Groundwater Level Measurements
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Monitored Zone	Monitoring Date	Well MP Elevation (ft msl)	Depth to Water [a] (ft from MP)	Groundwater Elevation [a] (ft msl)
Y-01	Shallow Zone Upper Aquifer	01/14/2020	2170.83	86.40	2,084.43
		04/14/2020	2170.83	86.40	2,084.43
Y-03	Shallow Zone Upper Aquifer	01/14/2020	2173.74	88.04	2,085.70
		04/14/2020	2173.74	88.08	2,085.66

Notes:

[a] Data presented on this table are water levels collected during the sitewide groundwater monitoring and sampling events. In addition to manual water levels, monthly transducer averages from select monitoring well locations are also used to create sitewide groundwater contours. These transducer averages are reported in their respective Hydraulic Capture Monitoring Reports.

Some measuring point elevations are estimated based on available information; therefore, some groundwater elevations are approximate.

Dry wells are not shown on this table.

Abbreviations:

ft = feet
MP = well measure point (either top of steel well casing or top of plastic well casing)
msl = above mean sea level
ns = not surveyed

APPENDIX E

Groundwater Sampling Database Report Records (provided at Geotracker website http://geotracker.waterboards.ca.gov/profile_report?global_id=SL0607111288)

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
01-01A	01/04/2011	ND (1.0)	**0.53**	NA	CH2M
	08/18/2011	**1.1**	**0.64**	NA	CH2M
	11/30/2011	**1.0**	**0.51**	NA	CH2M
	01/04/2012	ND (1.0)	**0.47**	NA	CH2M
	04/09/2012	ND (1.0)	**0.56**	NA	CH2M
	07/17/2012	ND (1.0)	**0.59**	NA	CH2M
	10/11/2012	ND (1.0)	**0.52**	NA	CH2M
	01/17/2013	ND (1.0)	**0.5**	NA	CH2M
	04/02/2013	ND (1.0)	**0.62**	NA	CH2M
	07/01/2013	ND (1.0)	**0.8**	NA	CH2M
	10/01/2013	ND (1.0)	**0.49**	NA	CH2M
	01/07/2014	ND (1.0)	**0.48**	NA	CH2M
	04/01/2014	ND (1.0)	**0.58**	NA	CH2M
	07/15/2014	**1.0**	**0.94**	NA	CH2M
	10/15/2014	ND (1.0)	**0.73**	NA	CH2M
	01/09/2015	ND (1.0)	**0.5**	NA	CH2M
	04/14/2015	ND (1.0)	**0.51**	NA	CH2M
	07/08/2015	ND (1.0)	**0.52**	NA	CH2M
	10/15/2015	ND (1.0)	**0.5**	NA	Arcadis
	01/05/2016	ND (1.0)	**0.46**	NA	Arcadis
	05/05/2016	ND (1.0)	**0.65**	NA	Arcadis
	07/06/2016	ND (1.0)	**0.73**	NA	Arcadis
	10/10/2016	ND (1.0)	**0.5**	NA	Arcadis
	01/18/2017	ND (1.0)	**0.45**	NA	Arcadis
	04/04/2017	ND (1.0)	**0.45**	NA	Arcadis
	07/11/2017	ND (1.0)	**1.1**	NA	Arcadis
	10/02/2017	ND (1.0)	**0.47**	NA	Arcadis
	01/15/2018	ND (1.0)	**0.5**	NA	Arcadis
	04/03/2018	ND (1.0)	**0.45**	NA	Arcadis
	07/09/2018	ND (1.0)	**0.7**	NA	Arcadis
	10/08/2018	ND (1.0)	**0.48**	NA	Arcadis
	01/14/2019	ND (1.0)	**0.43**	NA	Arcadis
	04/01/2019	ND (1.0)	**0.56**	NA	Arcadis
	07/17/2019	ND (1.0)	**0.47**	NA	Arcadis
	10/07/2019	ND (1.0)	**0.44**	NA	Arcadis
	01/31/2020	ND (1.0)	**0.47**	NA	Arcadis
	04/06/2020	ND (1.0)	**0.51**	NA	Arcadis
No. of Samples:	37				
01-02	05/24/2001	ND (2.5)	**2.0**	ND (10)	ALISTO
	09/28/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/06/2001	2.3 J	0.9 J	ND (10)	ALISTO
	05/12/2002	**2.1**	**0.55**	NA	CH2M
	05/22/2002	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2002	**2.3**	**0.21**	NA	CH2M
	11/14/2002	ND (1.0)	ND (0.2)	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
01-02	02/21/2003	**2.2**	ND (0.2)	NA	CH2M
	08/15/2003	**3.7**	ND (0.2)	NA	CH2M
	10/29/2003	**5.0**	ND (0.2)	NA	CH2M
	02/17/2004	**2.7**	ND (0.2)	NA	CH2M
	01/17/2006	**1.54**	**0.394**	NA	CH2M
	02/21/2007	ND (1.0)	**0.578**	NA	CH2M
	06/19/2007	ND (1.0)	**0.662**	NA	CH2M
	06/19/2007*	ND (1.0)	**0.634**	NA	CH2M
	08/16/2007	ND (1.0)	**0.588**	NA	CH2M
	10/17/2007	ND (1.0)	**0.665**	NA	CH2M
	10/17/2007*	ND (1.0)	**0.664**	NA	CH2M
	12/04/2007	ND (1.0)	**0.637**	NA	CH2M
	12/04/2007*	ND (1.0)	**0.642**	NA	CH2M
	02/12/2008	ND (1.0)	**0.645**	NA	CH2M
	04/08/2008	ND (1.0)	**0.639**	NA	CH2M
	06/10/2008	ND (1.0)	**0.61**	NA	CH2M
	08/11/2008	ND (1.0)	**0.62**	NA	CH2M
No. of Samples:	24				
01-06	10/28/2003	ND (1.0)	ND (0.2)	NA	CH2M
	07/27/2006	**2.68**	ND (0.2 J)	NA	CH2M
No. of Samples:	2				
01-16	12/06/2007	ND (1.0)	**0.492**	NA	CH2M
No. of Samples:	1				
01-17	12/15/2011	ND (1.0)	**0.62**	NA	CH2M
	01/11/2012	ND (1.0)	**0.58**	NA	CH2M
	04/12/2012	ND (1.0)	**0.55**	NA	CH2M
	07/13/2012	ND (1.0)	**0.56**	NA	CH2M
	08/01/2012	NA	**0.57**	NA	CH2M
	10/02/2012	ND (1.0)	**0.63**	NA	CH2M
	01/09/2013	ND (1.0)	**0.61**	NA	CH2M
	04/03/2013	ND (1.0)	**0.64**	NA	CH2M
	07/10/2013	ND (1.0)	**0.69**	NA	CH2M
	01/14/2014	ND (1.0)	**0.61**	NA	CH2M
	04/04/2014	ND (1.0)	**0.6**	NA	CH2M
No. of Samples:	11				
02-01	01/17/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/25/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/28/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/19/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	09/14/2012	ND (1.0)	**0.076**	NA	CH2M
	10/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2013	ND (1.0)	ND (0.06)	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	9				
02-02	05/25/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	09/28/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/06/2001	2.4 J	ND (0.2)	ND (10)	ALISTO
	02/13/2002	**1.6**	ND (0.2)	NA	CH2M
No. of Samples:	4				
02-02A	08/15/2002	**2.2**	**1.5**	NA	CH2M
	11/13/2002	**2.2**	**1.3**	NA	CH2M
	10/28/2003	**2.7**	**1.9**	NA	CH2M
	12/03/2003	**3.8**	**1.3**	NA	CH2M
	02/17/2004	**4.2**	**1.8**	NA	CH2M
	04/26/2004	**2.0**	**1.6**	NA	CH2M
	10/12/2004	**1.93**	**1.52**	NA	CH2M
	12/09/2004	**2.32**	**1.48**	NA	CH2M
	02/09/2005	**7.42**	**1.4**	NA	CH2M
	04/15/2005	**2.6**	**1.85**	NA	CH2M
	06/09/2005	**1.86**	**1.63**	NA	CH2M
	08/23/2005	**1.82**	**1.74**	NA	CH2M
	10/14/2005	**5.48**	**3.96**	NA	CH2M
	12/05/2005	**1.96**	**1.4**	NA	CH2M
	02/21/2006	**2.03**	**1.39**	NA	CH2M
	04/17/2006	**3.68**	**2.03**	NA	CH2M
	06/13/2006	**3.44**	**1.73**	NA	CH2M
	08/09/2006	**1.4**	**1.87**	NA	CH2M
	10/18/2006	ND (1.0)	**0.497**	NA	CH2M
	12/05/2006	**1.19**	**1.2**	NA	CH2M
	02/20/2007	**1.82**	**1.03**	NA	CH2M
	04/11/2007	**1.13**	**0.527**	NA	CH2M
	06/19/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/16/2007	ND (1.0)	ND (0.2)	NA	CH2M
	10/17/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/04/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2008	**1.02**	**0.389**	NA	CH2M
	04/08/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/06/2008	ND (1.0)	**0.54**	NA	CH2M
	11/06/2008*	ND (1.0)	**0.54**	NA	CH2M
	02/09/2009	ND (1.0)	**0.51**	NA	CH2M
	05/13/2009	ND (1.0)	**0.51**	NA	CH2M
	08/06/2009	ND (1.0)	**0.53**	NA	CH2M
	11/12/2009	ND (1.0)	**0.47**	NA	CH2M
	02/19/2010	ND (1.0)	**0.27**	NA	CH2M
	05/13/2010	ND (1.0)	ND (0.2)	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02-02A	08/04/2010	ND (1.0)	**0.44**	NA	CH2M
	10/26/2010	ND (1.0)	**0.33**	NA	CH2M
	10/26/2010*	ND (1.0)	**0.25**	NA	CH2M
	01/24/2011	ND (1.0)	**0.26**	NA	CH2M
	04/04/2011	ND (1.0)	**0.29**	NA	CH2M
	07/05/2011	ND (1.0)	**0.4**	NA	CH2M
	11/28/2011	ND (1.0)	**0.74**	NA	CH2M
	01/04/2012	ND (1.0)	**0.44**	NA	CH2M
	05/09/2012	ND (1.0)	**0.59**	NA	CH2M
	07/11/2012	ND (1.0)	**0.61**	NA	CH2M
	10/02/2012	ND (1.0)	**0.47**	NA	CH2M
	01/08/2013	ND (1.0)	**0.34**	NA	CH2M
	04/04/2013	ND (1.0)	**0.76**	NA	CH2M
	07/02/2013	ND (1.0)	**0.51**	NA	CH2M
	10/01/2013	ND (1.0)	**0.22**	NA	CH2M
	01/07/2014	**1.2**	**0.86**	NA	CH2M
	04/01/2014	ND (1.0)	**0.53**	NA	CH2M
	07/14/2014	ND (1.0)	**0.45**	NA	CH2M
	12/10/2014	ND (1.0)	**0.19**	NA	CH2M
	01/07/2015	ND (1.0)	**0.32**	NA	CH2M
	04/09/2015	ND (1.0)	**0.52**	NA	CH2M
	04/09/2015*	ND (1.0)	**0.51**	NA	CH2M
	07/08/2015	ND (1.0)	**0.49**	NA	CH2M
	10/22/2015	ND (1.0)	**0.55**	NA	Arcadis
	01/04/2016	ND (1.0)	**0.32**	NA	Arcadis
	04/04/2016	ND (1.0)	**0.37**	NA	Arcadis
	10/03/2016	ND (1.0)	**0.35**	NA	Arcadis
	01/09/2017	ND (1.0)	**0.49**	NA	Arcadis
	07/10/2017	ND (1.0)	**0.5**	NA	Arcadis
	10/02/2017	ND (1.0)	**0.31**	NA	Arcadis
	01/15/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/02/2018	ND (1.0)	**0.33**	NA	Arcadis
	07/09/2018	ND (1.0)	**0.64**	NA	Arcadis
	10/08/2018	ND (1.0)	**0.25**	NA	Arcadis
	01/14/2019	ND (1.0)	**0.1**	NA	Arcadis
	04/01/2019	**1.0**	**0.92**	NA	Arcadis
	07/08/2019	ND (1.0)	**0.83**	NA	Arcadis
	10/07/2019	ND (1.0)	**0.69**	NA	Arcadis
	01/13/2020	ND (1.0)	**0.17**	NA	Arcadis
	04/06/2020	ND (1.0)	**0.44**	NA	Arcadis
No. of Samples:	78				
02-02B	06/18/2013	**1.8**	**2.1**	NA	CH2M
	07/02/2013	**2.0**	**2.1**	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2014	**2.0**	**2.3**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02-02B	07/14/2014	**2.3**	**2.1**	NA	CH2M
	07/14/2014*	**2.3**	**2.2**	NA	CH2M
	12/10/2014	**1.0**	**1.2**	NA	CH2M
	01/07/2015	ND (1.0)	**1.1**	NA	CH2M
	04/09/2015	**2.2**	**2.3**	NA	CH2M
	07/08/2015	**2.0**	**2.1**	NA	CH2M
	10/22/2015	**1.8**	**2.0**	NA	Arcadis
	01/04/2016	ND (1.0)	**0.28**	NA	Arcadis
	04/04/2016	**1.8**	**2.0**	NA	Arcadis
	10/03/2016	**1.7**	**1.7**	NA	Arcadis
	01/09/2017	ND (1.0)	**0.58**	NA	Arcadis
	07/10/2017	**1.7**	**2.0**	NA	Arcadis
	10/02/2017	**1.9**	**2.2**	NA	Arcadis
	01/15/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/02/2018	**2.1**	**2.2**	NA	Arcadis
	07/09/2018	**1.5**	**1.6**	NA	Arcadis
	07/09/2018*	**1.4**	**1.5**	NA	Arcadis
	10/08/2018	**1.5**	**1.3**	NA	Arcadis
	01/14/2019	ND (1.0)	**0.16**	NA	Arcadis
	04/01/2019	ND (1.0)	**0.22**	NA	Arcadis
	07/08/2019	**1.3**	**1.5**	NA	Arcadis
	10/07/2019	**1.3**	**1.5**	NA	Arcadis
	01/13/2020	ND (1.0)	**0.066**	NA	Arcadis
	04/06/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	28				
02-05	03/09/2001	ND (20)	NA	NA	ALISTO
	05/24/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	07/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	08/16/2001	ND (1.0 J)	ND (0.2)	ND (10)	ALISTO
	09/27/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	09/27/2001*	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	10/24/2001	1.0 J	ND (0.2)	ND (10)	ALISTO
	10/24/2001*	ND (1.0 J)	ND (0.2)	ND (10)	ALISTO
	11/19/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	11/19/2001*	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/05/2001*	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	06/26/2002	ND (1.0)	ND (0.2 J)	NA	CH2M
	07/24/2002	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	09/25/2002	**1.4**	ND (0.2)	NA	CH2M
	10/16/2002	**1.5**	ND (0.2)	NA	CH2M
	11/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	12/18/2002	ND (1.0)	ND (0.2)	NA	CH2M
	01/22/2003	ND (1.0)	ND (0.2)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02-05	02/21/2003	**1.3**	ND (0.2)	NA	CH2M
	03/28/2003	**1.0**	ND (0.2)	NA	CH2M
	04/18/2003	ND (1.0)	ND (0.2)	NA	CH2M
	10/17/2007	ND (1.0)	ND (0.2)	NA	CH2M
	10/17/2007*	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2010	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	12/14/2011	ND (1.0)	**0.27**	NA	CH2M
	01/23/2012	ND (1.0)	**0.12**	NA	CH2M
	05/10/2012	ND (1.0)	**0.36**	NA	CH2M
	08/23/2012	ND (1.0)	**0.25**	NA	CH2M
	10/08/2012	ND (1.0)	**0.36**	NA	CH2M
	01/08/2013	ND (1.0)	**0.42**	NA	CH2M
No. of Samples:	35				
02-07	01/03/2011	**1.6**	**1.1**	NA	CH2M
	07/05/2011	ND (1.0)	**0.98**	NA	CH2M
	11/29/2011	**1.2**	**1.1**	NA	CH2M
	01/09/2012	**1.0**	**1.0**	NA	CH2M
	04/02/2012	**1.1**	**0.77**	NA	CH2M
	04/02/2012*	ND (1.0)	**0.78**	NA	CH2M
	07/12/2012	**1.4**	**1.4**	NA	CH2M
	10/08/2012	**1.4**	**1.4**	NA	CH2M
	01/08/2013	**1.4**	**1.6**	NA	CH2M
	04/01/2013	**1.3**	**1.7**	NA	CH2M
	07/01/2013	**1.3**	**1.4**	NA	CH2M
	10/01/2013	**1.8**	**1.6**	NA	CH2M
	10/01/2013*	**1.8**	**1.5**	NA	CH2M
	01/14/2014	ND (1.0)	**0.9**	NA	CH2M
	04/01/2014	**1.5**	**1.6**	NA	CH2M
	07/14/2014	ND (1.0)	**0.93**	NA	CH2M
	10/14/2014	**1.2**	**1.2**	NA	CH2M
	01/13/2015	**1.2**	**1.2**	NA	CH2M
	01/13/2015*	**1.2**	**1.2**	NA	CH2M
	04/07/2015	**1.3**	**1.3**	NA	CH2M
	07/09/2015	**1.2**	**1.3**	NA	CH2M
	10/07/2015	**2.1**	**1.3**	NA	Arcadis
No. of Samples:	22				
02-08	01/17/2006	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2009	**1.22**	**1.28**	NA	CH2M
	03/04/2011	**1.2**	**1.6**	NA	CH2M
	07/05/2011	**1.4**	**1.6**	NA	CH2M
	11/28/2011	**2.1**	**1.6**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02-08	01/11/2012	**1.4**	**1.4**	NA	CH2M
	07/16/2012	**1.4**	**1.5**	NA	CH2M
	01/17/2013	**1.7**	**1.6**	NA	CH2M
	04/02/2013	**1.4**	**1.7**	NA	CH2M
	07/02/2013	**1.9**	**1.5**	NA	CH2M
	07/02/2013*	**1.7**	**1.6**	NA	CH2M
	10/07/2013	**1.5**	**1.6**	NA	CH2M
No. of Samples:	12				
02-10	12/09/2010	**2.2**	**2.0**	NA	CH2M
	07/17/2012	**1.5**	**1.5**	NA	CH2M
No. of Samples:	2				
02-13	01/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/07/2011	**1.2**	**1.0**	NA	CH2M
	12/01/2011	ND (1.0)	**0.43**	NA	CH2M
	01/18/2012	ND (1.0)	**0.91**	NA	CH2M
	04/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2012	ND (1.0)	**1.1**	NA	CH2M
	10/09/2012	ND (1.0)	**0.95**	NA	CH2M
	01/07/2013	ND (1.0)	**0.95**	NA	CH2M
	01/07/2013*	ND (1.0)	**0.94**	NA	CH2M
	04/01/2013	ND (1.0)	**0.41**	NA	CH2M
	04/01/2013*	ND (1.0)	**0.46**	NA	CH2M
	07/10/2013	ND (1.0)	**1.0**	NA	CH2M
	10/01/2013	**1.1**	**0.69**	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	**0.11**	NA	CH2M
	07/08/2014	ND (1.0)	**0.77**	NA	CH2M
	10/08/2014	ND (1.0)	**0.89**	NA	CH2M
	01/14/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2015	ND (1.0)	**0.085**	NA	CH2M
	10/08/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	21				
02-14	05/06/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	1				
02-19	04/17/2006	**1.58**	ND (0.2)	NA	CH2M
	12/08/2010	ND (1.0)	**0.24**	NA	CH2M
	03/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	12/15/2011	ND (1.0)	**0.12**	NA	CH2M
	01/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/12/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2012	ND (1.0)	**0.082**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02-19	10/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	10				
02-21	12/21/2010	ND (1.0)	ND (0.2)	NA	CH2M
	03/08/2011	**1.4**	**1.1**	NA	CH2M
	07/05/2011	ND (1.0)	**1.2**	NA	CH2M
	07/05/2011*	**1.0**	**1.2**	NA	CH2M
	12/01/2011	**1.8**	**1.1**	NA	CH2M
	01/12/2012	**1.3**	**1.3**	NA	CH2M
	04/03/2012	**1.2**	**1.2**	NA	CH2M
	07/20/2012	ND (1.0)	**0.33**	NA	CH2M
	11/07/2013	**3.3**	**3.6**	NA	CH2M
	01/06/2014	**1.3**	**0.87**	NA	CH2M
	01/06/2014*	**1.5**	**0.73**	NA	CH2M
	04/03/2014	**1.1**	**0.92**	NA	CH2M
	07/02/2014	ND (1.0)	**0.77**	NA	CH2M
No. of Samples:	13				
02-22	02/13/2007	ND (1.0)	ND (0.2)	NA	CH2M
	03/04/2011	ND (1.0)	**0.99**	NA	CH2M
	07/12/2011	ND (1.0)	**1.1**	NA	CH2M
	11/29/2011	ND (1.0)	**0.3**	NA	CH2M
	01/04/2012	ND (1.0)	**0.27**	NA	CH2M
No. of Samples:	5				
02-23	12/04/2007	ND (1.0)	**0.348**	NA	CH2M
	03/04/2011	ND (1.0)	**0.76**	NA	CH2M
	07/05/2011	ND (1.0)	**0.84**	NA	CH2M
	11/28/2011	ND (1.0)	**0.16**	NA	CH2M
	11/28/2011*	ND (1.0)	**0.21**	NA	CH2M
	01/12/2012	ND (1.0)	**0.67**	NA	CH2M
	04/06/2012	ND (1.0)	**0.71**	NA	CH2M
	07/19/2012	ND (1.0)	**0.39**	NA	CH2M
	10/08/2012	ND (1.0)	**0.31**	NA	CH2M
	01/08/2013	ND (1.0)	**0.42**	NA	CH2M
	04/02/2013	ND (1.0)	**0.72**	NA	CH2M
	07/01/2013	ND (1.0)	**0.68**	NA	CH2M
	10/01/2013	ND (1.0)	**0.69**	NA	CH2M
	01/14/2014	ND (1.0)	**0.54**	NA	CH2M
	04/01/2014	ND (1.0)	**0.7**	NA	CH2M
	04/01/2014*	ND (1.0)	**0.69**	NA	CH2M
	07/14/2014	ND (1.0)	**0.41**	NA	CH2M
	10/13/2014	ND (1.0)	**0.65**	NA	CH2M
	01/08/2015	ND (1.0)	**0.68**	NA	CH2M
	04/14/2015	ND (1.0)	**0.65**	NA	CH2M
	07/08/2015	ND (1.0)	**0.52**	NA	CH2M
	10/08/2015	ND (1.0)	**0.6**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02-23	01/04/2016	ND (1.0)	**0.6**	NA	Arcadis
	04/08/2016	ND (1.0)	**0.43**	NA	Arcadis
	07/05/2016	ND (1.0)	**0.57**	NA	Arcadis
	10/03/2016	ND (1.0)	**0.57**	NA	Arcadis
	01/09/2017	ND (1.0)	**0.56**	NA	Arcadis
	04/03/2017	ND (1.0)	**0.6**	NA	Arcadis
	07/10/2017	ND (1.0)	**0.61**	NA	Arcadis
	10/02/2017	ND (1.0)	**0.51**	NA	Arcadis
	01/15/2018	ND (1.0)	**0.64**	NA	Arcadis
	04/02/2018	ND (1.0)	**0.68**	NA	Arcadis
	07/09/2018	ND (1.0)	**0.69**	NA	Arcadis
	10/08/2018	ND (1.0)	**0.63**	NA	Arcadis
	01/14/2019	ND (1.0)	**0.66**	NA	Arcadis
	04/01/2019	ND (1.0)	**0.75**	NA	Arcadis
	07/16/2019	ND (1.0)	**0.75**	NA	Arcadis
	10/07/2019	ND (1.0)	**0.7**	NA	Arcadis
	01/13/2020	ND (1.0)	**0.75**	NA	Arcadis
	04/06/2020	ND (1.0)	**0.79**	NA	Arcadis
No. of Samples:	40				
02-24	04/12/2007	ND (1.0)	**0.231**	NA	CH2M
	03/04/2011	ND (1.0)	**1.2**	NA	CH2M
	07/07/2011	**1.1**	**1.1**	NA	CH2M
	11/28/2011	**1.4**	**1.1**	NA	CH2M
	01/17/2012	ND (1.0)	**0.48**	NA	CH2M
	04/04/2012	ND (1.0)	**0.81**	NA	CH2M
	07/18/2012	**1.1**	**1.0**	NA	CH2M
No. of Samples:	7				
02-25	12/10/2010	**1.5**	**1.2**	NA	CH2M
	03/04/2011	ND (1.0)	**0.99**	NA	CH2M
	07/06/2011	ND (1.0)	**1.1**	NA	CH2M
	12/02/2011	**1.3**	**0.83**	NA	CH2M
	01/11/2012	ND (1.0)	**0.32**	NA	CH2M
	04/27/2012	ND (1.0)	**1.1**	NA	CH2M
	07/11/2012	ND (1.0)	**0.95**	NA	CH2M
	12/10/2012	ND (1.0)	**0.24**	NA	CH2M
	01/14/2013	ND (1.0)	**0.087**	NA	CH2M
	04/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	10				
02-26	05/13/2009	ND (1.0)	**0.38**	NA	CH2M
	03/03/2011	ND (1.0)	**1.4**	NA	CH2M
	08/16/2011	**1.6**	**1.3**	NA	CH2M
	10/18/2011	**1.1**	**1.0**	NA	CH2M
	11/14/2011	ND (1.0)	**0.8**	NA	CH2M
	01/05/2012	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02-26	02/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	03/29/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/15/2012	ND (1.0)	**0.33**	NA	CH2M
	06/14/2012	ND (1.0)	**0.77**	NA	CH2M
	07/16/2012	ND (1.0)	**0.76**	NA	CH2M
	08/09/2012	ND (1.0)	**1.1**	NA	CH2M
	08/09/2012*	ND (1.0)	**1.0**	NA	CH2M
	09/05/2012	ND (1.0)	**0.84**	NA	CH2M
	10/02/2012	ND (1.0)	**0.2**	NA	CH2M
	11/06/2012	ND (1.0)	**0.068**	NA	CH2M
	12/05/2012	**1.2**	**0.89**	NA	CH2M
	01/07/2013	ND (1.0)	**0.42**	NA	CH2M
	02/20/2013	ND (1.0)	**1.0**	NA	CH2M
	03/12/2013	**1.3**	**1.0**	NA	CH2M
	04/04/2013	**1.3**	**1.2**	NA	CH2M
	05/07/2013	**1.2**	**1.2**	NA	CH2M
	06/20/2013	ND (1.0)	**1.1**	NA	CH2M
	07/08/2013	ND (1.0)	**0.94**	NA	CH2M
	08/07/2013	ND (1.0)	**0.9**	NA	CH2M
	09/11/2013	**1.2**	**1.0**	NA	CH2M
	10/04/2013	**1.3**	**1.3**	NA	CH2M
	11/07/2013	ND (1.0)	**1.0**	NA	CH2M
	12/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	**0.71**	NA	CH2M
	04/01/2014	**1.2**	**1.2**	NA	CH2M
	07/02/2014	ND (1.0)	**0.26**	NA	CH2M
	10/07/2014	**1.1**	**0.92**	NA	CH2M
	04/13/2015	**1.3**	**1.2**	NA	CH2M
	11/02/2015	**1.0**	**0.83**	NA	Arcadis
No. of Samples:	36				
02-27	01/05/2011	1.1 J	1.9 J	NA	CH2M
	08/17/2011	**1.9**	**2.0**	NA	CH2M
	11/28/2011	**2.2**	**1.6**	NA	CH2M
No. of Samples:	3				
02-28	05/15/2012	**1.3**	**1.3**	NA	CH2M
No. of Samples:	1				
02N-01	01/26/2012	ND (1.0)	**0.41**	NA	CH2M
	04/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	**0.15**	NA	CH2M
	10/01/2012	ND (1.0)	**0.12**	NA	CH2M
	01/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	5				
02N-02	11/07/2013	ND (1.0)	**0.062**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
02N-02	03/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2014	ND (1.0)	**0.07**	NA	CH2M
	07/15/2014	ND (1.0)	**0.083**	NA	CH2M
	10/08/2014	ND (1.0)	**0.083**	NA	CH2M
	10/08/2014*	ND (1.0)	**0.066**	NA	CH2M
	01/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2015	ND (1.0)	**0.064**	NA	CH2M
	07/06/2015	ND (1.0)	**0.089**	NA	CH2M
	10/15/2015	ND (1.0)	**0.17**	NA	Arcadis
No. of Samples:	10				
03-02	01/27/2011	**1.5**	**1.5**	NA	CH2M
	08/16/2011	**1.8**	**1.7**	NA	CH2M
	12/14/2011	**1.8**	**1.5**	NA	CH2M
	01/13/2012	**1.4**	**1.4**	NA	CH2M
	07/19/2012	**1.3**	**1.6**	NA	CH2M
	11/06/2012	**1.5**	**1.6**	NA	CH2M
	01/15/2013	**1.7**	**1.6**	NA	CH2M
	04/02/2013	**1.4**	**1.7**	NA	CH2M
	07/02/2013	**1.6**	**1.7**	NA	CH2M
No. of Samples:	9				
03-12	04/12/2007	**1.3**	**1.21**	NA	CH2M
	12/09/2010	**2.4**	**1.7**	NA	CH2M
	02/23/2012	**1.6**	**1.6**	NA	CH2M
	08/20/2013	**1.6**	**2.1**	NA	CH2M
No. of Samples:	4				
03-14	11/07/2012	**2.0**	**1.5**	NA	CH2M
	01/09/2013	**1.9**	**1.7**	NA	CH2M
	04/02/2013	**1.7**	**1.6**	NA	CH2M
	07/01/2013	**1.9**	**1.7**	NA	CH2M
	10/02/2013	**1.7**	**1.5**	NA	CH2M
	01/13/2014	**2.0**	**1.7**	NA	CH2M
	04/04/2014	**1.7**	**1.4**	NA	CH2M
	07/14/2014	**1.9**	**1.6**	NA	CH2M
	10/15/2014	**1.8**	**1.5**	NA	CH2M
	01/08/2015	**1.9**	**1.5**	NA	CH2M
	04/07/2015	**2.1**	**1.9**	NA	CH2M
	07/08/2015	**2.0**	**1.7**	NA	CH2M
	10/07/2015	**2.1**	**1.6**	NA	Arcadis
No. of Samples:	13				
03-17	11/03/2011	**2.5**	**2.3**	NA	CH2M
	01/11/2012	**2.3**	**2.4**	NA	CH2M
	04/11/2012	**2.0**	**2.3**	NA	CH2M
	07/11/2012	**2.7**	**2.8**	NA	CH2M
	10/05/2012	**2.7**	**2.7**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
03-17	01/15/2013	**2.0**	**1.8**	NA	CH2M
	04/04/2013	**3.2**	**3.0**	NA	CH2M
	07/02/2013	**3.2**	**3.4**	NA	CH2M
	10/01/2013	**3.8**	**3.6**	NA	CH2M
	01/06/2014	**3.2**	**3.3**	NA	CH2M
	04/01/2014	**2.8**	**3.1**	NA	CH2M
	07/15/2014	**3.6**	**3.6**	NA	CH2M
	10/14/2014	**3.5**	**3.5**	NA	CH2M
	01/09/2015	**2.0**	**2.2**	NA	CH2M
	04/07/2015	**3.4**	**3.7**	NA	CH2M
	07/08/2015	**2.4**	**2.5**	NA	CH2M
	10/15/2015	**3.7**	**3.7**	NA	Arcadis
No. of Samples:	17				
03-19	11/07/2012	**1.6**	**1.8**	NA	CH2M
	01/09/2013	**1.6**	**1.7**	NA	CH2M
	04/02/2013	**1.6**	**1.7**	NA	CH2M
	07/01/2013	**1.4**	**1.4**	NA	CH2M
	10/02/2013	**1.8**	**1.8**	NA	CH2M
	01/13/2014	ND (1.0)	**0.2**	NA	CH2M
	04/04/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/14/2014	**1.1**	**1.0**	NA	CH2M
	07/14/2014*	**1.1**	**0.97**	NA	CH2M
	10/15/2014	**1.7**	**1.7**	NA	CH2M
	01/08/2015	**1.6**	**1.8**	NA	CH2M
	04/07/2015	**1.7**	**1.8**	NA	CH2M
	07/08/2015	**1.6**	**1.7**	NA	CH2M
	10/07/2015	**1.8**	**1.8**	NA	Arcadis
No. of Samples:	14				
03-20	04/12/2007	**1.54**	**1.42**	NA	CH2M
	12/09/2010	**2.2**	**1.8**	NA	CH2M
	03/29/2012	ND (1.0)	**0.85**	NA	CH2M
No. of Samples:	3				
03-21	12/16/2011	**2.0**	**2.3**	NA	CH2M
	01/16/2012	**1.8**	**2.0**	NA	CH2M
	04/02/2012	**1.9**	**2.1**	NA	CH2M
	10/12/2012	**2.4**	**2.1**	NA	CH2M
	01/08/2013	**2.0**	**2.1**	NA	CH2M
No. of Samples:	5				
03-22	01/04/2011	**1.8**	**2.0**	NA	CH2M
	04/18/2012	**1.7**	**1.9**	NA	CH2M
No. of Samples:	2				
03-23	01/04/2011	**2.4**	**2.2**	NA	CH2M
	05/02/2012	**2.1**	**2.5**	NA	CH2M
No. of Samples:	2				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
03-24	01/03/2011	**2.4**	**2.4**	NA	CH2M
	09/06/2011	**2.2**	**2.2**	NA	CH2M
	11/29/2011	**1.6**	**1.4**	NA	CH2M
	05/10/2012	**1.6**	**1.9**	NA	CH2M
	07/11/2012	**1.9**	**2.0**	NA	CH2M
	10/03/2012	**2.4**	**2.4**	NA	CH2M
	01/08/2013	**1.9**	**2.1**	NA	CH2M
	04/02/2013	**2.3**	**2.6**	NA	CH2M
	07/02/2013	**2.1**	**2.3**	NA	CH2M
No. of Samples:	9				
03-25	04/27/2011	**2.8**	**2.3**	NA	CH2M
	07/11/2012	**2.0**	**2.1**	NA	CH2M
	07/30/2013	**2.2**	**1.5**	NA	CH2M
No. of Samples:	3				
03-26	07/13/2011	**1.5**	**1.6**	NA	CH2M
No. of Samples:	1				
03-27	07/14/2011	**2.0**	**2.1**	NA	CH2M
No. of Samples:	1				
03-28	07/14/2011	**1.2**	**1.4**	NA	CH2M
	05/02/2012	ND (1.0)	**0.11**	NA	CH2M
No. of Samples:	2				
03-29	08/18/2011	**2.0**	**1.9**	NA	CH2M
	05/02/2012	**1.2**	**1.3**	NA	CH2M
No. of Samples:	2				
03-30	11/18/2011	**2.2**	**1.9**	NA	CH2M
	04/18/2012	**1.8**	**2.0**	NA	CH2M
No. of Samples:	2				
03-31	01/30/2012	**1.9**	**1.6**	NA	CH2M
	04/16/2012	**1.6**	**1.7**	NA	CH2M
	04/16/2012*	**1.6**	**1.7**	NA	CH2M
No. of Samples:	3				
03-32	11/02/2012	**2.2**	**2.2**	NA	CH2M
No. of Samples:	1				
03-33	04/19/2013	**1.4**	**1.8**	NA	CH2M
No. of Samples:	1				
03N-01	07/09/2012	**2.9**	**3.2**	NA	CH2M
	10/01/2012	**3.5**	**3.3**	NA	CH2M
	10/01/2012*	**3.4**	**3.3**	NA	CH2M
	01/10/2013	**3.4**	**3.5**	NA	CH2M
	04/03/2013	**3.6**	**3.5**	NA	CH2M
	07/01/2013	**2.6**	**2.7**	NA	CH2M
No. of Samples:	6				
03N-02	07/09/2012	**2.7**	**2.7**	NA	CH2M
	10/01/2012	**3.0**	**2.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
03N-02	01/10/2013	**2.3**	**2.4**	NA	CH2M
	04/03/2013	**3.3**	**3.0**	NA	CH2M
	07/01/2013	**3.2**	**3.4**	NA	CH2M
No. of Samples:	5				
04E-01	04/26/2004	**1.3**	**0.24**	NA	CH2M
	07/25/2006	ND (1.0)	**0.261**	NA	CH2M
	10/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	3				
04E-02	02/20/2007	ND (1.0)	**0.315**	NA	CH2M
No. of Samples:	1				
04E-03	02/20/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	1				
04N-01	02/03/2012	ND (1.0)	**0.53**	NA	CH2M
	04/02/2012	**1.3**	**0.41**	NA	CH2M
	07/10/2012	**1.3**	**1.1**	NA	CH2M
	10/01/2012	ND (1.0)	**0.47**	NA	CH2M
No. of Samples:	4				
04N-02	02/03/2012	**1.9**	**2.0**	NA	CH2M
	04/02/2012	**2.3**	**2.1**	NA	CH2M
	06/05/2012	**1.9**	**1.8**	NA	CH2M
	07/10/2012	**1.1**	**1.1**	NA	CH2M
	10/03/2012	ND (1.0)	**0.64**	NA	CH2M
No. of Samples:	5				
04N-03	02/03/2012	**1.4**	**1.3**	NA	CH2M
	04/02/2012	**2.9**	**3.1**	NA	CH2M
	06/05/2012	**2.1**	**1.6**	NA	CH2M
	07/10/2012	**1.6**	**1.4**	NA	CH2M
	10/01/2012	**3.6**	**3.4**	NA	CH2M
No. of Samples:	5				
04N-04	08/06/2012	**3.3**	**2.6**	NA	CH2M
	10/01/2012	**2.6**	**2.3**	NA	CH2M
	01/15/2013	**2.6**	**2.1**	NA	CH2M
	04/03/2013	**2.6**	**2.3**	NA	CH2M
	07/02/2013	**2.5**	**2.6**	NA	CH2M
	10/11/2013	**1.8**	**1.9**	NA	CH2M
	01/10/2014	**2.7**	**0.93**	NA	CH2M
	04/04/2014	**2.6**	**1.8**	NA	CH2M
	07/08/2014	**2.4**	**2.3**	NA	CH2M
	10/20/2014	**2.7**	**2.8**	NA	CH2M
	01/06/2015	**1.4**	**0.46**	NA	CH2M
	01/06/2015*	**1.3**	**0.44**	NA	CH2M
	04/07/2015	**2.6**	**2.5**	NA	CH2M
	07/06/2015	**2.7**	**2.5**	NA	CH2M
	10/09/2015	**2.8**	**2.8**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	15				
04W-01	08/06/2012	ND (1.0)	**0.75**	NA	CH2M
No. of Samples:	1				
05E-01	02/20/2007	ND (1.0)	**0.863**	NA	CH2M
No. of Samples:	1				
05E-02	02/20/2007	ND (1.0)	**0.602**	NA	CH2M
No. of Samples:	1				
06-06	01/04/2011	ND (1.0)	**0.23**	NA	CH2M
	09/04/2012	ND (1.0)	**0.25**	NA	CH2M
No. of Samples:	2				
06-07	01/05/2011	ND (1.0)	**0.2**	NA	CH2M
	07/11/2012	ND (1.0)	**0.095**	NA	CH2M
No. of Samples:	2				
06-08	01/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/16/2012	ND (1.0)	**0.14**	NA	CH2M
No. of Samples:	2				
06-09	01/12/2011	ND (1.0)	**0.21**	NA	CH2M
No. of Samples:	1				
06-10	06/22/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/04/2012	ND (1.0)	**0.23**	NA	CH2M
No. of Samples:	2				
06-12	02/23/2012	ND (1.0)	**0.097**	NA	CH2M
No. of Samples:	1				
06-13	02/23/2012	ND (1.0)	**0.14**	NA	CH2M
No. of Samples:	1				
06-14	08/02/2012	ND (1.0)	**0.23**	NA	CH2M
	10/10/2012	ND (1.0)	**0.15**	NA	CH2M
	01/09/2013	ND (1.0)	**0.13**	NA	CH2M
	04/02/2013	ND (1.0)	**0.2**	NA	CH2M
	07/02/2013	ND (1.0)	**0.24**	NA	CH2M
	07/02/2013*	ND (1.0)	**0.24**	NA	CH2M
	10/02/2013	ND (1.0)	**0.25**	NA	CH2M
	01/07/2014	ND (1.0)	**0.15**	NA	CH2M
	04/01/2014	ND (1.0)	**0.16**	NA	CH2M
	07/07/2014	ND (1.0)	**0.2**	NA	CH2M
	10/07/2014	ND (1.0)	**0.25**	NA	CH2M
	01/08/2015	ND (1.0)	**0.16**	NA	CH2M
	04/07/2015	ND (1.0)	**0.16**	NA	CH2M
	07/08/2015	ND (1.0)	**0.18**	NA	CH2M
	10/08/2015	ND (1.0)	**0.13**	NA	Arcadis
No. of Samples:	15				
06-15	08/06/2012	ND (1.0)	**0.53**	NA	CH2M
	10/10/2012	ND (1.0)	**0.38**	NA	CH2M
	01/09/2013	ND (1.0)	**0.37**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
06-15	04/02/2013	ND (1.0)	**0.4**	NA	CH2M
	07/02/2013	ND (1.0)	**0.4**	NA	CH2M
	10/02/2013	ND (1.0)	**0.39**	NA	CH2M
	01/07/2014	ND (1.0)	**0.41**	NA	CH2M
	04/01/2014	ND (1.0)	**0.35**	NA	CH2M
	07/07/2014	ND (1.0)	**0.33**	NA	CH2M
	10/07/2014	ND (1.0)	**0.4**	NA	CH2M
	01/08/2015	ND (1.0)	**0.38**	NA	CH2M
	04/07/2015	ND (1.0)	**0.42**	NA	CH2M
	07/08/2015	ND (1.0)	**0.47**	NA	CH2M
	07/08/2015*	ND (1.0)	**0.44**	NA	CH2M
	10/08/2015	ND (1.0)	**0.43**	NA	Arcadis
No. of Samples:	15				
06-16	08/06/2012	ND (1.0)	**0.49**	NA	CH2M
	10/10/2012	ND (1.0)	**0.31**	NA	CH2M
	01/09/2013	ND (1.0)	**0.26**	NA	CH2M
	04/02/2013	ND (1.0)	**0.32**	NA	CH2M
	07/02/2013	ND (1.0)	**0.3**	NA	CH2M
	10/02/2013	ND (1.0)	**0.32**	NA	CH2M
	10/02/2013*	ND (1.0)	**0.32**	NA	CH2M
	01/07/2014	ND (1.0)	**0.26**	NA	CH2M
	04/01/2014	ND (1.0)	**0.28**	NA	CH2M
	07/07/2014	ND (1.0)	**0.29**	NA	CH2M
	10/07/2014	ND (1.0)	**0.32**	NA	CH2M
	01/08/2015	ND (1.0)	**0.26**	NA	CH2M
	04/07/2015	ND (1.0)	**0.35**	NA	CH2M
	07/08/2015	ND (1.0)	**0.34**	NA	CH2M
	10/08/2015	ND (1.0)	**0.34**	NA	Arcadis
No. of Samples:	15				
06-17	07/17/2012	ND (1.0)	**0.21**	NA	CH2M
	10/08/2012	ND (1.0)	**0.12**	NA	CH2M
No. of Samples:	2				
06-18	09/04/2012	ND (1.0)	**0.3**	NA	CH2M
	01/16/2013	ND (1.0)	**0.27**	NA	CH2M
	04/02/2013	ND (1.0)	**0.14**	NA	CH2M
	07/02/2013	ND (1.0)	**0.17**	NA	CH2M
	10/01/2013	ND (1.0)	**0.14**	NA	CH2M
	01/07/2014	ND (1.0)	**0.26**	NA	CH2M
	04/01/2014	ND (1.0)	**0.11**	NA	CH2M
	04/01/2014*	ND (1.0)	**0.13**	NA	CH2M
	07/11/2014	ND (1.0)	**0.14**	NA	CH2M
No. of Samples:	9				
06-19	09/04/2012	ND (1.0)	**0.2**	NA	CH2M
No. of Samples:	1				

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
06-20	09/05/2012	ND (1.0)	**0.36**	NA	CH2M
	10/17/2012	ND (1.0)	**0.24**	NA	CH2M
	01/11/2013	ND (1.0)	**0.24**	NA	CH2M
	04/02/2013	ND (1.0)	**0.27**	NA	CH2M
	07/02/2013	ND (1.0)	**0.31**	NA	CH2M
	10/04/2013	ND (1.0)	**0.27**	NA	CH2M
	01/07/2014	ND (1.0)	**0.31**	NA	CH2M
	04/01/2014	ND (1.0)	**0.29**	NA	CH2M
	07/02/2014	ND (1.0)	**0.29**	NA	CH2M
	12/10/2014	ND (1.0)	**0.25**	NA	CH2M
	01/19/2015	ND (1.0)	**0.3**	NA	CH2M
	04/07/2015	ND (1.0)	**0.27**	NA	CH2M
	07/10/2015	ND (1.0)	**0.37**	NA	CH2M
	10/19/2015	ND (1.0)	**0.35**	NA	Arcadis
No. of Samples:	14				
06E-01	04/17/2006	**1.38**	ND (0.2)	NA	CH2M
	07/24/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2006*	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	4				
06E-02	02/22/2008	ND (1.0)	**0.317**	NA	CH2M
	01/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/27/2012	ND (1.0)	**0.19**	NA	CH2M
No. of Samples:	3				
09-01	05/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06 J)	NA	CH2M
	03/07/2014	ND (1.0)	**0.59**	NA	CH2M
	04/02/2014	ND (1.0)	**0.49**	NA	CH2M
	07/08/2014	ND (1.0)	**0.13**	NA	CH2M
	07/08/2014*	ND (1.0)	**0.063**	NA	CH2M
No. of Samples:	8				
10-02	04/05/2011	**2.0**	**1.2**	NA	CH2M
	04/20/2012	**1.3**	**1.3**	NA	CH2M
No. of Samples:	2				
10-03	01/04/2012	**2.2**	**2.1**	NA	CH2M
No. of Samples:	1				
10-04	07/12/2012	**1.3**	**1.1**	NA	CH2M
	10/02/2012	**1.1**	**0.72**	NA	CH2M
	01/07/2013	**1.7**	**1.5**	NA	CH2M
	04/03/2013	**1.2**	**0.45**	NA	CH2M
	07/01/2013	**1.2**	**0.75**	NA	CH2M
	10/03/2013	**1.1**	**0.52**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
10-04	01/07/2014	**1.1**	**0.24**	NA	CH2M
	01/07/2014*	**1.2**	**0.23**	NA	CH2M
	04/02/2014	ND (1.0)	**0.19**	NA	CH2M
	07/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2015	**1.3**	**0.66**	NA	CH2M
	04/07/2015	ND (1.0)	**0.43**	NA	CH2M
	07/06/2015	ND (1.0)	**0.56**	NA	CH2M
	10/09/2015	ND (1.0)	**0.081**	NA	Arcadis
No. of Samples:	15				
11-04	07/18/2012	ND (1.0)	**0.36**	NA	CH2M
No. of Samples:	1				
11-05	01/12/2011	ND (1.0)	**0.8**	NA	CH2M
No. of Samples:	1				
11-06	04/04/2011	**1.5**	**1.3**	NA	CH2M
	07/16/2012	ND (1.0)	**1.1**	NA	CH2M
No. of Samples:	2				
11-07	10/19/2011	ND (1.0)	**0.32**	NA	CH2M
	01/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/11/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/11/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	01/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013	ND (1.0)	**0.1**	NA	CH2M
	01/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	02/12/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	13				
11-09	11/17/2011	ND (1.0)	**0.13**	NA	CH2M
	01/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2012	ND (1.0)	**0.065**	NA	CH2M
	07/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	**0.097**	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	6				
11-10	11/17/2011	**3.8**	**4.2**	NA	CH2M
	12/14/2011	**4.6**	**4.4**	NA	CH2M
	01/10/2012	**3.8**	**4.1**	NA	CH2M
	04/25/2012	**4.0**	**4.4**	NA	CH2M
	07/11/2012	**3.9**	**4.2**	NA	CH2M
	01/16/2013	**4.6**	**4.3**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
11-10	04/02/2013	**3.5**	**3.9**	NA	CH2M
	07/09/2013	**3.8**	**4.3**	NA	CH2M
	10/01/2013	**5.1**	**4.6**	NA	CH2M
	01/08/2014	**4.4**	**4.6**	NA	CH2M
	04/04/2014	**4.1**	**4.0**	NA	CH2M
	07/09/2014	**3.8**	**3.8**	NA	CH2M
No. of Samples:	12				
11-11	01/05/2012	**4.0**	**3.9**	NA	CH2M
	01/23/2012	**3.7**	**3.5**	NA	CH2M
	04/12/2012	**3.4**	**3.4**	NA	CH2M
	10/15/2012	**4.6**	**4.0**	NA	CH2M
No. of Samples:	4				
11-12	06/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	**0.065**	NA	CH2M
	08/01/2013	ND (1.0)	**0.13**	NA	CH2M
	09/13/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	5				
11S-01	03/02/2012	**2.2**	**2.5**	NA	CH2M
No. of Samples:	1				
11S-02	07/17/2012	ND (1.0)	**0.95**	NA	CH2M
No. of Samples:	1				
14-01	05/21/2011	**1.6**	**1.3**	NA	CH2M
	07/06/2011	**1.2**	**1.2**	NA	CH2M
	10/05/2011	**1.2**	**1.1**	NA	CH2M
	01/04/2012	ND (1.0)	**0.87**	NA	CH2M
	04/05/2012	ND (1.0)	**0.81**	NA	CH2M
	04/05/2012*	ND (1.0)	**0.71**	NA	CH2M
	07/11/2012	ND (1.0)	**0.12**	NA	CH2M
No. of Samples:	7				
14-01-South	04/15/2005	**1.11**	**0.464**	NA	CH2M
No. of Samples:	1				
14-03	09/10/2012	**2.9**	**2.8**	NA	CH2M
	10/02/2012	**3.0**	**2.9**	NA	CH2M
No. of Samples:	2				
14-04	01/12/2011	**2.4**	**2.1**	NA	CH2M
	07/05/2011	**3.3**	**3.3**	NA	CH2M
	10/20/2011	**3.6**	**3.4**	NA	CH2M
	01/05/2012	**3.1**	**2.5**	NA	CH2M
	04/04/2012	**3.2**	**3.2**	NA	CH2M
No. of Samples:	5				
14-05	10/20/2011	**3.2**	**3.1**	NA	CH2M
	01/11/2012	**1.2**	**0.5**	NA	CH2M
	01/11/2012*	**1.4**	**0.67**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
14-05	07/20/2012	ND (1.0)	**0.14**	NA	CH2M
No. of Samples:	4				
14-06	01/06/2011	**3.1**	**3.0**	NA	CH2M
	04/05/2011	**2.3**	**2.3**	NA	CH2M
	07/06/2011	**2.4**	**2.5**	NA	CH2M
	10/05/2011	**2.8**	**2.4**	NA	CH2M
	01/16/2012	**2.1**	**2.3**	NA	CH2M
	04/04/2012	**2.2**	**2.3**	NA	CH2M
	07/11/2012	**2.0**	**2.2**	NA	CH2M
	10/01/2012	**2.7**	**2.6**	NA	CH2M
	01/25/2013	**2.4**	**2.4**	NA	CH2M
	04/03/2013	**2.4**	**2.4**	NA	CH2M
	04/03/2013*	**2.4**	**2.4**	NA	CH2M
No. of Samples:	11				
14-07	01/27/2011	**2.5**	**2.6**	NA	CH2M
	07/05/2011	**2.6**	**2.9**	NA	CH2M
	10/05/2011	**3.0**	**3.0**	NA	CH2M
	09/26/2012	**2.8**	**2.9**	NA	CH2M
	10/08/2012	**2.7**	**2.8**	NA	CH2M
	10/08/2012*	**2.6**	**2.8**	NA	CH2M
No. of Samples:	6				
14-10	04/28/2011	**3.7**	**3.3**	NA	CH2M
	05/18/2011	**3.7**	**3.4**	NA	CH2M
	05/18/2011*	**3.6**	**3.4**	NA	CH2M
	07/05/2011	**3.2**	**3.4**	NA	CH2M
	10/27/2011	**3.4**	**3.4**	NA	CH2M
	01/11/2012	**3.0**	**3.1**	NA	CH2M
	04/04/2012	**3.2**	**3.2**	NA	CH2M
	10/04/2012	**3.3**	**3.3**	NA	CH2M
No. of Samples:	8				
14-11	03/08/2011	**2.6**	**2.3**	NA	CH2M
	07/05/2011	**2.6**	**2.7**	NA	CH2M
	10/05/2011	**3.7**	**3.4**	NA	CH2M
	10/27/2011	**3.7**	**3.4**	NA	CH2M
	01/05/2012	**3.1**	**2.8**	NA	CH2M
	04/11/2012	**2.2**	**2.3**	NA	CH2M
	07/12/2012	**3.2**	**3.2**	NA	CH2M
	10/02/2012	**3.2**	**3.1**	NA	CH2M
No. of Samples:	8				
14-12	06/21/2011	**2.4**	**2.1**	NA	CH2M
	07/05/2011	**2.8**	**3.0**	NA	CH2M
	10/05/2011	**3.3**	**3.0**	NA	CH2M
	10/05/2011*	**3.2**	**3.2**	NA	CH2M
	10/27/2011	**3.3**	**3.1**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
14-12	01/16/2012	**2.4**	**2.5**	NA	CH2M
	04/04/2012	**2.5**	**2.5**	NA	CH2M
	07/16/2012	**2.4**	**2.4**	NA	CH2M
	10/17/2012	**2.8**	**2.9**	NA	CH2M
	01/17/2013	**3.1**	**2.9**	NA	CH2M
No. of Samples:	10				
14-13	11/22/2011	**3.8**	**3.2**	NA	CH2M
	12/15/2011	**3.4**	**3.3**	NA	CH2M
	01/23/2012	**2.9**	**3.0**	NA	CH2M
	04/25/2012	**2.9**	**3.1**	NA	CH2M
No. of Samples:	4				
14-14	12/15/2011	**2.0**	**1.8**	NA	CH2M
	01/18/2012	**1.6**	**1.6**	NA	CH2M
	06/06/2012	**1.6**	**1.2**	NA	CH2M
	07/11/2012	**1.2**	**0.91**	NA	CH2M
	10/01/2012	**1.4**	**1.3**	NA	CH2M
	03/12/2013	**1.8**	**1.1**	NA	CH2M
	04/10/2013	**1.8**	**1.1**	NA	CH2M
No. of Samples:	7				
14-15	10/08/2012	**2.6**	**2.8**	NA	CH2M
	03/06/2019	**2.9**	**2.7**	NA	Arcadis
	04/03/2019	**2.7**	**2.4**	NA	Arcadis
	07/16/2019	**2.6**	**2.7**	NA	Arcadis
No. of Samples:	4				
15-02	03/07/2011	ND (1.0)	**1.0**	NA	CH2M
	08/22/2012	ND (1.0)	**0.71**	NA	CH2M
	10/01/2012	ND (1.0)	NA	NA	CH2M
	01/10/2013	**1.1**	**0.63**	NA	CH2M
	01/10/2013*	**1.0**	**0.59**	NA	CH2M
	04/03/2013	ND (1.0)	**0.39**	NA	CH2M
	07/01/2013	ND (1.0)	**0.58**	NA	CH2M
No. of Samples:	7				
15-03	06/21/2011	ND (1.0)	ND (1.0)	NA	CH2M
	12/14/2011	**1.0**	ND (1.0)	NA	CH2M
	01/04/2012	ND (1.0)	ND (0.3)	NA	CH2M
	04/06/2012	ND (1.0)	**0.13**	NA	CH2M
No. of Samples:	4				
15-04	06/21/2011	**2.0**	**2.0**	NA	CH2M
	08/16/2011	**2.1**	**2.0**	NA	CH2M
	10/07/2011	**2.2**	**2.0**	NA	CH2M
No. of Samples:	3				
15-05	08/11/2011	1.0 J	1.7 J	NA	CH2M
	10/05/2011	**1.9**	**1.9**	NA	CH2M
	01/04/2012	**1.9**	**1.8**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
15-05	04/05/2012	**1.4**	**1.5**	NA	CH2M
	07/11/2012	**1.4**	**1.7**	NA	CH2M
	10/02/2012	**1.6**	**1.6**	NA	CH2M
	01/07/2013	**1.5**	**1.6**	NA	CH2M
	04/02/2013	**1.4**	**1.5**	NA	CH2M
	07/01/2013	**1.4**	**1.4**	NA	CH2M
	10/01/2013	**1.8**	**1.8**	NA	CH2M
	01/07/2014	**1.5**	**1.2**	NA	CH2M
	04/03/2014	**1.4**	**1.4**	NA	CH2M
	07/08/2014	**1.5**	**1.4**	NA	CH2M
	12/10/2014	**1.6**	**1.6**	NA	CH2M
	12/10/2014*	**1.6**	**1.7**	NA	CH2M
	01/06/2015	**1.4**	**1.4**	NA	CH2M
	04/06/2015	**1.7**	**1.8**	NA	CH2M
	07/09/2015	**1.4**	**1.6**	NA	CH2M
	10/08/2015	**1.4**	**0.9**	NA	Arcadis
	01/11/2016	**2.0**	**1.2**	NA	Arcadis
No. of Samples:	20				
15-06	08/11/2011	**1.1**	**1.3**	NA	CH2M
	10/05/2011	**1.9**	**1.7**	NA	CH2M
	01/04/2012	ND (1.0)	**0.31**	NA	CH2M
	04/05/2012	ND (1.0)	**0.42**	NA	CH2M
	07/11/2012	ND (1.0)	**0.83**	NA	CH2M
	10/02/2012	**1.1**	**1.0**	NA	CH2M
	01/07/2013	ND (1.0)	**0.15**	NA	CH2M
	04/02/2013	ND (1.0)	**0.076**	NA	CH2M
	07/01/2013	ND (1.0)	**0.85**	NA	CH2M
	10/01/2013	**1.3**	**1.1**	NA	CH2M
	01/07/2014	**1.2**	**1.2**	NA	CH2M
	01/07/2014*	**1.2**	**1.2**	NA	CH2M
	04/03/2014	**1.2**	**1.1**	NA	CH2M
	07/08/2014	ND (1.0)	**0.87**	NA	CH2M
	12/10/2014	ND (1.0)	**0.85**	NA	CH2M
	01/06/2015	ND (1.0)	**0.83**	NA	CH2M
	04/06/2015	ND (1.0)	**0.81**	NA	CH2M
	07/09/2015	ND (1.0)	**0.78**	NA	CH2M
	10/08/2015	**1.2**	**1.2**	NA	Arcadis
	01/11/2016	**1.7**	**1.5**	NA	Arcadis
No. of Samples:	20				
15-08	08/11/2011	**1.4**	**1.6**	NA	CH2M
	10/05/2011	**1.7**	**1.8**	NA	CH2M
	01/04/2012	**1.4**	**1.4**	NA	CH2M
	04/05/2012	**1.4**	**1.5**	NA	CH2M
	07/11/2012	**1.3**	**1.5**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
15-08	07/11/2012*	**1.3**	**1.5**	NA	CH2M
	10/02/2012	**1.4**	**1.4**	NA	CH2M
	01/07/2013	**1.1**	**1.3**	NA	CH2M
	04/02/2013	**1.3**	**1.5**	NA	CH2M
	07/01/2013	**1.2**	**1.0**	NA	CH2M
	10/01/2013	**1.6**	**1.6**	NA	CH2M
	01/07/2014	**1.3**	**1.4**	NA	CH2M
	04/03/2014	**1.4**	**1.4**	NA	CH2M
	07/08/2014	**1.3**	**1.4**	NA	CH2M
	07/08/2014*	**1.3**	**1.4**	NA	CH2M
	12/10/2014	**1.4**	**1.4**	NA	CH2M
	01/06/2015	**1.6**	**1.5**	NA	CH2M
	04/06/2015	**1.4**	**1.4**	NA	CH2M
	07/09/2015	**1.3**	**1.5**	NA	CH2M
	10/08/2015	**1.4**	**1.5**	NA	Arcadis
	01/11/2016	**1.5**	**1.3**	NA	Arcadis
No. of Samples:	21				
15-12	08/18/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/07/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/05/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	04/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2012	ND (1.0)	**0.081**	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2013	ND (1.0)	ND (0.3)	NA	CH2M
	04/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2013*	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	12				
15-13	11/17/2011	**3.4**	**2.8**	NA	CH2M
	12/15/2011	**3.2**	**2.7**	NA	CH2M
	01/16/2012	**2.5**	**2.6**	NA	CH2M
	04/03/2012	**2.5**	**2.8**	NA	CH2M
	07/10/2012	**2.5**	**2.7**	NA	CH2M
	10/04/2012	**2.7**	**2.7**	NA	CH2M
	01/10/2013	**2.5**	**2.2**	NA	CH2M
	04/03/2013	**2.5**	**2.6**	NA	CH2M
	07/01/2013	**2.5**	**2.6**	NA	CH2M
	10/08/2013	**2.6**	**2.4**	NA	CH2M
	01/13/2014	**1.7**	**1.3**	NA	CH2M
	04/02/2014	**2.2**	**2.2**	NA	CH2M
	07/14/2014	**2.5**	**2.2**	NA	CH2M
	10/16/2014	**2.7**	**2.8**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
15-13	01/12/2015	**2.3**	**2.4**	NA	CH2M
	01/12/2015*	**2.4**	**2.3**	NA	CH2M
	04/02/2015	**3.0**	**2.8**	NA	CH2M
	07/09/2015	**2.8**	**2.9**	NA	CH2M
	10/21/2015	**2.4**	**2.6**	NA	Arcadis
	01/11/2016	**2.9**	**2.5**	NA	Arcadis
No. of Samples:	20				
15-14	12/16/2011	**2.4**	**1.9**	NA	CH2M
	01/25/2012	ND (1.0)	**0.58**	NA	CH2M
	04/03/2012	**1.8**	**1.9**	NA	CH2M
	07/20/2012	**1.7**	**1.8**	NA	CH2M
	10/04/2012	**2.0**	**2.0**	NA	CH2M
No. of Samples:	5				
15-15	11/23/2011	**1.0**	**0.96**	NA	CH2M
	01/10/2012	ND (1.0)	**0.86**	NA	CH2M
	04/02/2012	ND (1.0)	**0.84**	NA	CH2M
	07/11/2012	ND (1.0)	**0.67**	NA	CH2M
	10/02/2012	ND (1.0)	**0.85**	NA	CH2M
	01/10/2013	ND (1.0)	**0.95**	NA	CH2M
	04/03/2013	ND (1.0)	**0.89**	NA	CH2M
	07/01/2013	ND (1.0)	**0.86**	NA	CH2M
	10/01/2013	**1.1**	**0.87**	NA	CH2M
No. of Samples:	9				
15-16	11/23/2011	ND (1.0)	ND (1.0)	NA	CH2M
	01/17/2012	ND (1.0)	**0.41**	NA	CH2M
	04/03/2013	**5.9**	**0.42**	NA	CH2M
	04/19/2013	**5.5**	**0.46**	NA	CH2M
	01/15/2014	**5.0**	**0.59**	NA	CH2M
	04/03/2014	**2.2**	**1.1**	NA	CH2M
No. of Samples:	6				
16N-01	04/03/2014	**3.4**	**2.6**	NA	CH2M
	07/02/2014	**3.6**	**3.4**	NA	CH2M
	10/08/2014	**3.3**	**2.7**	NA	CH2M
	01/06/2015	**3.4**	**3.1**	NA	CH2M
	04/02/2015	**4.0**	**3.2**	NA	CH2M
	04/02/2015*	**3.6**	**3.2**	NA	CH2M
	07/06/2015	**3.7**	**3.6**	NA	CH2M
	10/19/2015	**3.7**	**3.9**	NA	Arcadis
No. of Samples:	8				
21-02	01/07/2011	**1.6**	**1.7**	NA	CH2M
	01/07/2011*	**1.6**	**1.8**	NA	CH2M
	11/17/2011	ND (1.0)	**0.77**	NA	CH2M
	01/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2012	ND (1.0)	**0.36**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
21-02	07/11/2012	ND (1.0)	**0.48**	NA	CH2M
	10/03/2012	ND (1.0)	**0.5**	NA	CH2M
	10/03/2012*	ND (1.0)	**0.53**	NA	CH2M
	01/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2014	**1.0**	**0.89**	NA	CH2M
	10/06/2014	**1.1**	**1.2**	NA	CH2M
	01/14/2015	ND (1.0)	**0.56**	NA	CH2M
	04/06/2015	**1.3**	**1.3**	NA	CH2M
	07/09/2015	**1.3**	**1.3**	NA	CH2M
	07/09/2015*	**1.2**	**1.3**	NA	CH2M
	10/13/2015	**1.3**	**1.3**	NA	Arcadis
No. of Samples:	19				
21-03	01/07/2011	ND (1.0)	**0.98**	NA	CH2M
	01/07/2011*	ND (1.0)	**0.96**	NA	CH2M
	11/17/2011	**1.4**	**0.46**	NA	CH2M
	01/09/2012	ND (1.0)	**0.086**	NA	CH2M
	04/03/2012	**1.1**	**1.2**	NA	CH2M
	07/11/2012	ND (1.0)	**0.22**	NA	CH2M
	10/03/2012	**1.2**	**1.0**	NA	CH2M
	01/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	**0.53**	NA	CH2M
	01/06/2014	ND (1.0)	**0.51**	NA	CH2M
	01/06/2014*	ND (1.0)	**0.47**	NA	CH2M
	04/03/2014	ND (1.0)	**0.22**	NA	CH2M
	07/02/2014	**1.1**	**1.0**	NA	CH2M
	10/06/2014	**1.1**	**1.2**	NA	CH2M
	01/14/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2015	ND (1.0)	**0.1**	NA	CH2M
	07/09/2015	ND (1.0)	**0.65**	NA	CH2M
	10/13/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/12/2016	ND (1.0)	**0.2**	NA	Arcadis
	04/05/2016	ND (1.0)	**0.17**	NA	Arcadis
	07/06/2016	ND (1.0)	**0.54**	NA	Arcadis
	10/04/2016	ND (1.0)	**0.4**	NA	Arcadis
	01/10/2017	ND (1.0)	**0.67**	NA	Arcadis
	04/04/2017	**1.2**	**0.88**	NA	Arcadis
	07/10/2017	ND (1.0)	**1.1**	NA	Arcadis
	10/04/2017	**1.1**	**1.1**	NA	Arcadis
	01/15/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/02/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2018	ND (1.0)	ND (0.06)	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
21-03	01/16/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/01/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	07/09/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/07/2019	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	34				
21N-02	07/31/2012	**2.6**	**2.8**	NA	CH2M
	04/03/2014	**2.9**	**2.3**	NA	CH2M
	07/02/2014	**2.3**	**2.5**	NA	CH2M
	10/08/2014	**3.0**	**3.0**	NA	CH2M
	01/06/2015	**3.8**	**3.9**	NA	CH2M
	04/01/2015	**4.1**	**3.6**	NA	CH2M
	07/06/2015	**3.4**	**3.2**	NA	CH2M
	10/09/2015	**3.1**	**3.1**	NA	Arcadis
No. of Samples:	8				
21N-03	08/02/2012	**3.5**	**3.8**	NA	CH2M
	04/03/2014	**3.9**	**4.1**	NA	CH2M
	07/08/2014	**3.8**	**4.0**	NA	CH2M
	10/08/2014	**4.1**	**4.4**	NA	CH2M
	01/06/2015	**3.8**	**4.2**	NA	CH2M
	04/01/2015	**4.0**	**3.9**	NA	CH2M
	07/06/2015	**4.0**	**4.3**	NA	CH2M
	10/09/2015	**3.8**	**4.0**	NA	Arcadis
No. of Samples:	8				
21N-04	09/05/2012	**4.3**	**4.6**	NA	CH2M
	04/03/2014	**4.5**	**4.5**	NA	CH2M
	07/02/2014	**4.0**	**4.4**	NA	CH2M
	07/02/2014*	**4.1**	**4.3**	NA	CH2M
	10/08/2014	**3.9**	**4.3**	NA	CH2M
	01/06/2015	**3.6**	**3.9**	NA	CH2M
	04/01/2015	**3.5**	**3.4**	NA	CH2M
	07/06/2015	**3.9**	**4.1**	NA	CH2M
	10/09/2015	**4.0**	**4.2**	NA	Arcadis
No. of Samples:	9				
21N-05	04/03/2014	**4.0**	**4.1**	NA	CH2M
	10/08/2015	**3.5**	**3.5**	NA	Arcadis
No. of Samples:	2				
22-03	06/16/2010	**1.1**	**1.4**	NA	CH2M
	12/20/2010	**1.5**	**1.3**	NA	CH2M
	11/28/2011	**1.1**	**1.2**	NA	CH2M
	01/11/2012	ND (1.0)	**1.1**	NA	CH2M
	04/03/2012	ND (1.0)	**1.2**	NA	CH2M
	07/09/2012	ND (1.0)	**1.1**	NA	CH2M
	10/03/2012	**1.0**	**1.1**	NA	CH2M
No. of Samples:	7				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-06	06/23/2011	**1.2**	**1.1**	NA	CH2M
	07/06/2011	**1.3**	**0.41**	NA	CH2M
	10/07/2011	**1.0**	**1.0**	NA	CH2M
	01/09/2012	ND (1.0)	**0.79**	NA	CH2M
	04/11/2012	ND (1.0)	**0.77**	NA	CH2M
	07/09/2012	**1.1**	**1.4**	NA	CH2M
	10/03/2012	**1.3**	**1.2**	NA	CH2M
	01/10/2013	**1.1**	**0.97**	NA	CH2M
	04/01/2013	ND (1.0)	**0.69**	NA	CH2M
	07/08/2013	**1.0**	**1.1**	NA	CH2M
	07/08/2013*	**1.1**	**1.1**	NA	CH2M
	10/01/2013	ND (1.0)	**0.2**	NA	CH2M
	01/07/2014	ND (1.0)	**0.25**	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	14				
22-07	10/05/2011	**1.8**	**0.73**	NA	CH2M
	10/05/2011*	**1.2**	**0.75**	NA	CH2M
	01/09/2012	ND (1.0)	**0.5**	NA	CH2M
	04/27/2012	ND (1.0)	**0.77**	NA	CH2M
	04/27/2012*	ND (1.0)	**0.77**	NA	CH2M
	07/09/2012	ND (1.0)	**0.84**	NA	CH2M
	07/09/2012*	ND (1.0)	**0.86**	NA	CH2M
	10/01/2012	ND (1.0)	**0.77**	NA	CH2M
	01/17/2013	ND (1.0)	**0.57**	NA	CH2M
	04/01/2013	ND (1.0)	**0.67**	NA	CH2M
	07/09/2013	ND (1.0)	**0.67**	NA	CH2M
	10/01/2013	ND (1.0)	**0.61**	NA	CH2M
	01/07/2014	ND (1.0)	**0.34**	NA	CH2M
	04/17/2014	ND (1.0)	**0.86**	NA	CH2M
	04/17/2014*	ND (1.0)	**0.82**	NA	CH2M
No. of Samples:	15				
22-09	08/18/2011	**1.2**	**0.81**	NA	CH2M
	10/04/2011	**1.7**	**0.63**	NA	CH2M
	01/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2012	ND (1.0)	**0.56**	NA	CH2M
	07/09/2012	**1.5**	**1.3**	NA	CH2M
	10/03/2012	**1.8**	**1.2**	NA	CH2M
	01/08/2013	**1.3**	**1.5**	NA	CH2M
	01/08/2013*	**1.3**	**1.5**	NA	CH2M
	04/09/2013	**1.4**	**1.4**	NA	CH2M
	07/12/2013	**1.2**	**1.5**	NA	CH2M
	10/10/2013	ND (1.0)	**0.72**	NA	CH2M
No. of Samples:	11				
22-10	09/07/2011	**2.4**	**2.2**	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-10	10/05/2011	**2.6**	**2.1**	NA	CH2M
	01/10/2012	**1.9**	**2.0**	NA	CH2M
	04/23/2012	**2.0**	**2.1**	NA	CH2M
	04/23/2012*	**1.9**	**2.0**	NA	CH2M
	07/09/2012	**1.7**	**1.7**	NA	CH2M
	10/04/2012	**1.9**	**2.0**	NA	CH2M
	01/08/2013	**1.9**	**2.0**	NA	CH2M
No. of Samples:	8				
22-101	07/17/2012	ND (1.0)	**0.59**	NA	CH2M
	10/04/2012	ND (1.0)	**0.76**	NA	CH2M
No. of Samples:	2				
22-102	05/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/11/2012	**1.2**	**1.0**	NA	CH2M
	01/18/2013	ND (1.0)	**0.56**	NA	CH2M
	04/15/2013	**1.0**	**1.2**	NA	CH2M
	07/16/2013	ND (1.0)	**0.86**	NA	CH2M
	11/07/2013	ND (1.0)	**0.27**	NA	CH2M
	01/16/2014	ND (1.0)	**0.71**	NA	CH2M
	04/10/2014	ND (1.0)	**0.96**	NA	CH2M
No. of Samples:	9				
22-103	07/09/2012	**2.0**	**2.2**	NA	CH2M
	10/04/2012	**2.2**	**2.1**	NA	CH2M
	01/25/2013	**2.2**	**2.1**	NA	CH2M
	04/04/2013	**2.4**	**2.2**	NA	CH2M
	07/02/2013	**2.0**	**2.2**	NA	CH2M
	10/01/2013	**2.3**	**2.2**	NA	CH2M
	01/07/2014	**2.0**	**2.2**	NA	CH2M
	04/02/2014	**2.0**	**2.1**	NA	CH2M
	07/07/2014	**1.9**	**2.0**	NA	CH2M
	10/07/2014	**1.9**	**2.1**	NA	CH2M
	01/12/2015	**2.1**	**2.3**	NA	CH2M
	04/09/2015	**2.0**	**2.1**	NA	CH2M
	04/09/2015*	**2.0**	**2.1**	NA	CH2M
	07/10/2015	**2.0**	**2.0**	NA	CH2M
	10/12/2015	**1.9**	**2.1**	NA	Arcadis
	01/20/2016	**2.1**	**2.1**	NA	Arcadis
	04/08/2016	**1.9**	**1.9**	NA	Arcadis
	07/08/2016	**2.0**	**2.0**	NA	Arcadis
	10/06/2016	**2.1**	**2.0**	NA	Arcadis
	04/06/2017	**1.9**	**2.0**	NA	Arcadis
	10/05/2017	**1.7**	**1.9**	NA	Arcadis
	01/18/2018	**1.6**	**1.6**	NA	Arcadis
	04/05/2018	**2.0**	**1.9**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-103	07/12/2018	**1.8**	**1.9**	NA	Arcadis
	10/11/2018	**1.7**	**1.8**	NA	Arcadis
	10/11/2018*	**1.7**	**1.7**	NA	Arcadis
	04/04/2019	**2.3**	**1.8**	NA	Arcadis
	04/04/2019*	**2.1**	**1.9**	NA	Arcadis
	07/10/2019	**1.7**	**1.8**	NA	Arcadis
	10/10/2019	**1.5**	**1.7**	NA	Arcadis
	10/10/2019*	**1.4**	**1.7**	NA	Arcadis
	01/16/2020	**1.7**	**1.8**	NA	Arcadis
	04/09/2020	**1.8**	**1.8**	NA	Arcadis
No. of Samples:	33				
22-104	07/09/2012	ND (1.0)	**0.98**	NA	CH2M
	10/11/2012	ND (1.0)	**0.38**	NA	CH2M
	01/18/2013	ND (1.0)	**0.21**	NA	CH2M
	04/15/2013	ND (1.0)	**0.31**	NA	CH2M
	07/16/2013	ND (1.0)	**0.31**	NA	CH2M
	11/07/2013	ND (1.0)	**0.29**	NA	CH2M
	01/16/2014	ND (1.0)	**0.56**	NA	CH2M
	04/10/2014	ND (1.0)	**0.46**	NA	CH2M
No. of Samples:	8				
22-105	07/17/2012	**1.2**	**1.4**	NA	CH2M
	10/03/2012	**1.3**	**1.1**	NA	CH2M
No. of Samples:	2				
22-106	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	1				
22-107	11/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2013	ND (1.0)	**0.081**	NA	CH2M
	07/12/2013	ND (1.0)	**0.14**	NA	CH2M
No. of Samples:	3				
22-108	01/16/2013	ND (1.0)	**0.092**	NA	CH2M
	07/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013	ND (1.0)	**0.28**	NA	CH2M
	01/08/2014	ND (1.0)	**0.23**	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2014	ND (1.0)	**0.15**	NA	CH2M
	10/13/2014	ND (1.0)	**0.3**	NA	CH2M
	01/12/2015	ND (1.0)	ND (0.06)	NA	CH2M
	06/24/2015	ND (1.0)	**0.093**	NA	CH2M
	07/14/2015	ND (1.0)	**0.099**	NA	CH2M
	07/14/2015*	ND (1.0)	**0.11**	NA	CH2M
	10/23/2015	ND (1.0)	**0.57**	NA	Arcadis
	02/04/2016	ND (1.0)	**0.13**	NA	Arcadis
	04/05/2016	ND (1.0)	**0.4**	NA	Arcadis
No. of Samples:	14				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-11	12/21/2010	**2.9**	**1.4**	NA	CH2M
	08/17/2011	**1.5**	**1.6**	NA	CH2M
	10/05/2011	**1.8**	**1.6**	NA	CH2M
	01/10/2012	**1.0**	**1.0**	NA	CH2M
	04/06/2012	ND (1.0)	**0.82**	NA	CH2M
	07/17/2012	**1.5**	**1.5**	NA	CH2M
	12/07/2012	**1.5**	**1.3**	NA	CH2M
	01/07/2013	**1.4**	**1.3**	NA	CH2M
	04/02/2013	**1.0**	**1.1**	NA	CH2M
	07/02/2013	ND (1.0)	**0.7**	NA	CH2M
No. of Samples:	10				
22-13	11/17/2011	ND (1.0)	**0.17**	NA	CH2M
	01/06/2012	ND (1.0)	**0.46**	NA	CH2M
	04/11/2012	ND (1.0)	**0.11**	NA	CH2M
	07/11/2012	ND (1.0)	**0.19**	NA	CH2M
	10/03/2012	ND (1.0)	**0.12**	NA	CH2M
No. of Samples:	5				
22-14	11/28/2011	**1.5**	**1.5**	NA	CH2M
	01/06/2012	**1.3**	**1.4**	NA	CH2M
	04/03/2012	**1.4**	**1.6**	NA	CH2M
	07/09/2012	**1.4**	**1.6**	NA	CH2M
	10/03/2012	**1.6**	**1.5**	NA	CH2M
No. of Samples:	5				
22-15	12/20/2010	**1.2**	**1.1**	NA	CH2M
	08/16/2011	**1.5**	**1.6**	NA	CH2M
	10/07/2011	**1.2**	**1.1**	NA	CH2M
	01/05/2012	ND (1.0)	**0.69**	NA	CH2M
	04/03/2012	ND (1.0)	**1.2**	NA	CH2M
	07/09/2012	ND (1.0)	**1.4**	NA	CH2M
No. of Samples:	6				
22-16	12/21/2010	ND (1.0)	ND (0.2)	NA	CH2M
	04/08/2011	ND (1.0)	**0.21**	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/10/2011	ND (1.0)	**0.21**	NA	CH2M
	01/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/09/2012	ND (1.0)	**0.072**	NA	CH2M
	07/12/2012	ND (1.0)	**0.088**	NA	CH2M
	07/12/2012*	ND (1.0)	**0.096**	NA	CH2M
	10/08/2012	ND (1.0)	**0.063**	NA	CH2M
No. of Samples:	9				
22-17	08/16/2011	ND (1.0)	**0.82**	NA	CH2M
	10/03/2011	ND (1.0)	**0.49**	NA	CH2M
No. of Samples:	2				
22-19	04/28/2011	**1.8**	**0.44**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-19	07/06/2011	**2.2**	**1.9**	NA	CH2M
	10/04/2011	**2.3**	1.4 J	NA	CH2M
	10/04/2011*	**2.8**	2.1 J	NA	CH2M
	10/27/2011	**1.8**	**0.32**	NA	CH2M
	01/05/2012	ND (1.0)	**0.75**	NA	CH2M
	04/11/2012	**1.4**	**1.2**	NA	CH2M
	06/14/2012	**1.4**	**0.072**	NA	CH2M
	07/09/2012	**1.9**	**0.33**	NA	CH2M
	10/04/2012	**1.9**	**1.1**	NA	CH2M
No. of Samples:	10				
22-21	11/29/2011	**2.7**	**2.3**	NA	CH2M
	01/24/2012	**2.0**	**2.0**	NA	CH2M
	04/10/2012	**1.9**	**2.2**	NA	CH2M
	07/10/2012	**2.1**	**2.1**	NA	CH2M
	10/03/2012	**2.2**	**2.2**	NA	CH2M
	01/08/2013	**1.9**	**2.2**	NA	CH2M
	04/01/2013	**1.8**	**2.3**	NA	CH2M
	07/02/2013	**2.0**	**2.2**	NA	CH2M
	10/10/2013	**1.9**	**2.2**	NA	CH2M
	01/08/2014	**2.1**	**2.1**	NA	CH2M
	05/06/2014	**1.9**	**1.9**	NA	CH2M
	10/20/2015	**2.4**	**2.1**	NA	Arcadis
	01/07/2016	**2.1**	**2.0**	NA	Arcadis
	04/11/2016	**1.9**	**1.9**	NA	Arcadis
	07/13/2016	**2.0**	**2.0**	NA	Arcadis
	10/10/2016	**2.1**	**1.9**	NA	Arcadis
	01/12/2017	**2.1**	**1.9**	NA	Arcadis
	04/07/2017	**2.3**	**1.9**	NA	Arcadis
	07/13/2017	**1.8**	**2.0**	NA	Arcadis
No. of Samples:	19				
22-23	07/17/2012	**1.2**	**1.3**	NA	CH2M
	10/03/2012	**1.4**	**1.3**	NA	CH2M
	01/16/2013	**1.4**	**1.4**	NA	CH2M
	04/01/2013	**1.2**	**1.4**	NA	CH2M
	07/02/2013	**1.4**	**1.4**	NA	CH2M
	07/02/2013*	**1.3**	**1.5**	NA	CH2M
	10/10/2013	ND (1.0)	**0.84**	NA	CH2M
	07/09/2014	**1.5**	**1.4**	NA	CH2M
	10/15/2014	**1.3**	**1.5**	NA	CH2M
No. of Samples:	9				
22-25	12/01/2011	ND (1.0)	**0.7**	NA	CH2M
	07/10/2012	ND (1.0)	**0.36**	NA	CH2M
	10/18/2012	ND (1.0)	**0.9**	NA	CH2M
	01/14/2013	ND (1.0)	**0.16**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-25	04/03/2013	ND (1.0)	**0.25**	NA	CH2M
No. of Samples:	5				
22-29	07/24/2002	**3.0**	**0.22**	NA	CH2M
	07/05/2011	**1.0**	**0.52**	NA	CH2M
	10/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/09/2011	**1.7**	**1.5**	NA	CH2M
	02/03/2012	ND (1.0)	**0.99**	NA	CH2M
	04/02/2012	ND (1.0)	**0.49**	NA	CH2M
	07/12/2012	ND (1.0)	**0.72**	NA	CH2M
	10/08/2012	**1.1**	**1.2**	NA	CH2M
	10/08/2012*	**1.3**	**1.2**	NA	CH2M
	01/16/2013	**1.6**	**1.1**	NA	CH2M
	04/01/2013	ND (1.0)	**0.45**	NA	CH2M
No. of Samples:	11				
22-30	06/26/2003	**2.1**	**1.9**	NA	CH2M
	01/12/2011	**2.2**	**2.4**	NA	CH2M
	04/04/2011	**2.5**	**2.4**	NA	CH2M
	07/06/2011	**2.5**	**2.6**	NA	CH2M
	10/04/2011	**2.9**	**2.4**	NA	CH2M
	01/17/2012	**2.1**	**2.3**	NA	CH2M
	04/04/2012	**2.2**	**2.3**	NA	CH2M
	10/03/2012	**2.2**	**2.3**	NA	CH2M
	01/10/2013	**2.5**	**2.3**	NA	CH2M
	04/04/2013	**2.5**	**2.4**	NA	CH2M
	04/04/2013*	**2.5**	**2.3**	NA	CH2M
	07/08/2013	**2.1**	**2.4**	NA	CH2M
	10/02/2013	**2.5**	**2.3**	NA	CH2M
	01/13/2014	**2.5**	**2.7**	NA	CH2M
	04/04/2014	**2.3**	**2.3**	NA	CH2M
	07/16/2014	**2.1**	**2.2**	NA	CH2M
	01/12/2015	**2.2**	**2.3**	NA	CH2M
No. of Samples:	17				
22-31	12/16/2003	**1.8**	**0.87**	NA	CH2M
	04/04/2011	**2.3**	**2.1**	NA	CH2M
	09/07/2011	**2.0**	**2.0**	NA	CH2M
	10/05/2011	**1.8**	**1.6**	NA	CH2M
	01/10/2012	ND (1.0)	**0.22**	NA	CH2M
	04/23/2012	**1.8**	**2.0**	NA	CH2M
	07/09/2012	**1.5**	**1.6**	NA	CH2M
	10/04/2012	**1.9**	**2.0**	NA	CH2M
	01/08/2013	ND (1.0)	**0.17**	NA	CH2M
	01/08/2013*	ND (1.0)	**0.16**	NA	CH2M
No. of Samples:	10				
22-32	01/26/2004	**2.5**	**0.92**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	1				
22-33	04/10/2007	**1.02**	**1.06**	NA	CH2M
	12/14/2010	**1.3**	**0.99**	NA	CH2M
	04/25/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2012	ND (1.0)	ND (0.3)	NA	CH2M
No. of Samples:	4				
22-34	04/10/2007	**1.76**	**1.62**	NA	CH2M
	12/04/2007	**1.52**	**1.63**	NA	CH2M
	12/22/2010	**1.8**	**1.6**	NA	CH2M
	04/25/2012	**1.2**	**1.3**	NA	CH2M
	07/12/2012	**1.4**	**1.4**	NA	CH2M
No. of Samples:	5				
22-35	06/20/2007	**1.64**	**1.43**	NA	CH2M
	12/16/2011	**1.8**	**2.0**	NA	CH2M
	01/24/2012	**1.6**	**1.7**	NA	CH2M
	04/23/2012	**1.7**	**1.9**	NA	CH2M
	07/11/2012	**1.5**	**1.8**	NA	CH2M
	07/11/2012*	**1.7**	**1.8**	NA	CH2M
No. of Samples:	6				
22-36	08/14/2007	ND (1.0)	**0.952**	NA	CH2M
	12/14/2010	**1.3**	**1.2**	NA	CH2M
	10/04/2011	**1.6**	**1.1**	NA	CH2M
	01/05/2012	**1.0**	**0.98**	NA	CH2M
	01/05/2012*	ND (1.0)	**1.0**	NA	CH2M
	04/05/2012	ND (1.0)	**0.48**	NA	CH2M
	07/09/2012	**1.0**	**0.94**	NA	CH2M
	10/03/2012	**1.3**	**1.0**	NA	CH2M
	01/11/2013	ND (1.0)	**0.57**	NA	CH2M
	04/01/2013	ND (1.0)	**1.2**	NA	CH2M
No. of Samples:	10				
22-37	08/14/2007	**1.26**	**1.4**	NA	CH2M
	01/07/2011	**1.3**	ND (0.2)	NA	CH2M
	01/07/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/04/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/08/2011	ND (1.0)	**0.13**	NA	CH2M
	01/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2012	ND (1.0)	**0.097**	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2013	ND (1.0)	**0.16**	NA	CH2M
	04/03/2013	ND (1.0)	**0.072**	NA	CH2M
	07/01/2013	ND (1.0)	**0.68**	NA	CH2M
	10/01/2013	ND (1.0)	**0.35**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-37	01/08/2014	ND (1.0)	**0.21**	NA	CH2M
	01/08/2014*	ND (1.0)	**0.21**	NA	CH2M
	04/02/2014	ND (1.0)	**0.6**	NA	CH2M
No. of Samples:	17				
22-38	04/27/2011	**1.1**	**0.54**	NA	CH2M
	07/06/2011	ND (1.0)	**0.28**	NA	CH2M
	10/04/2011	**1.7**	**0.48**	NA	CH2M
	10/04/2011*	**1.8**	**0.49**	NA	CH2M
	01/06/2012	ND (1.0)	**0.63**	NA	CH2M
	04/03/2012	ND (1.0)	**0.42**	NA	CH2M
	07/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	14				
22-39	01/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/06/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	09/13/2011	**1.6**	ND (0.2)	NA	CH2M
	10/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/07/2011	ND (1.0)	**0.14**	NA	CH2M
	01/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2012	ND (1.0)	**0.064**	NA	CH2M
	07/09/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/12/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	07/14/2015	ND (1.0)	ND (0.06)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-39	10/13/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/20/2016	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	27				
22-40	11/05/2008	ND (1.0)	**0.286**	NA	CH2M
	01/10/2011	**1.4**	**1.1**	NA	CH2M
	01/10/2011*	**1.5**	**0.95**	NA	CH2M
	04/04/2011	**1.4**	**0.54**	NA	CH2M
	04/04/2011*	**1.5**	**0.59**	NA	CH2M
	07/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/08/2011	**1.9**	**2.3**	NA	CH2M
	01/09/2012	ND (1.0)	**0.62**	NA	CH2M
	04/12/2012	ND (1.0)	**1.0**	NA	CH2M
	07/17/2012	ND (1.0)	**0.39**	NA	CH2M
No. of Samples:	11				
22-43	12/15/2010	**1.7**	**1.3**	NA	CH2M
	12/21/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2012	**2.1**	**2.1**	NA	CH2M
	08/22/2012	**1.1**	**1.3**	NA	CH2M
	10/03/2012	ND (1.0)	**0.09**	NA	CH2M
No. of Samples:	6				
22-44	12/15/2010	**2.3**	**2.0**	NA	CH2M
	11/10/2011	**2.0**	**2.0**	NA	CH2M
	01/16/2012	**1.6**	**1.8**	NA	CH2M
	04/02/2012	**1.7**	**1.8**	NA	CH2M
	07/10/2012	**1.6**	**1.9**	NA	CH2M
	10/04/2012	**1.8**	**1.8**	NA	CH2M
	01/18/2013	**1.8**	**1.9**	NA	CH2M
	12/09/2014	**1.6**	**1.7**	NA	CH2M
	01/13/2015	**1.8**	**2.0**	NA	CH2M
	10/12/2015	**1.7**	**1.8**	NA	Arcadis
	04/08/2016	**1.7**	**1.7**	NA	Arcadis
	04/08/2016*	**1.7**	**1.7**	NA	Arcadis
	07/08/2016	**1.8**	**1.8**	NA	Arcadis
	10/06/2016	**1.9**	**1.7**	NA	Arcadis
	01/12/2017	**1.7**	**1.7**	NA	Arcadis
	04/06/2017	**1.6**	**1.7**	NA	Arcadis
	01/18/2018	**1.9**	**1.7**	NA	Arcadis
	04/05/2018	**1.8**	**1.8**	NA	Arcadis
No. of Samples:	18				
22-45	12/15/2010	ND (1.0)	ND (0.2)	NA	CH2M
	04/26/2011	**1.7**	**1.4**	NA	CH2M
	10/04/2011	**1.8**	**1.2**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-45	10/27/2011	ND (1.0)	**0.37**	NA	CH2M
	01/06/2012	**1.4**	**0.86**	NA	CH2M
	04/10/2012	**1.5**	**1.6**	NA	CH2M
	07/13/2012	**2.0**	**1.7**	NA	CH2M
No. of Samples:	7				
22-46	03/13/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	**0.16**	NA	CH2M
No. of Samples:	3				
22-47	12/14/2010	ND (1.0)	0.35 J	NA	CH2M
	11/29/2011	**1.5**	**1.0**	NA	CH2M
	01/16/2012	ND (1.0)	**0.55**	NA	CH2M
	04/13/2012	ND (1.0)	**0.98**	NA	CH2M
	07/09/2012	ND (1.0)	**1.1**	NA	CH2M
	10/11/2012	ND (1.0)	**0.19**	NA	CH2M
	10/11/2012*	ND (1.0)	**0.19**	NA	CH2M
	01/18/2013	ND (1.0)	**0.6**	NA	CH2M
	04/15/2013	**1.1**	**1.3**	NA	CH2M
	07/16/2013	ND (1.0)	**0.52**	NA	CH2M
	11/07/2013	ND (1.0)	**0.58**	NA	CH2M
	01/16/2014	**1.2**	**1.2**	NA	CH2M
	04/10/2014	**1.3**	**1.2**	NA	CH2M
	04/10/2014*	**1.2**	**1.2**	NA	CH2M
No. of Samples:	14				
22-48	01/10/2011	**1.7**	**1.6**	NA	CH2M
	01/10/2011*	**1.6**	**1.5**	NA	CH2M
	10/04/2011	**2.1**	**1.6**	NA	CH2M
	01/16/2012	**1.4**	**1.5**	NA	CH2M
	04/09/2012	**1.4**	**1.6**	NA	CH2M
	07/09/2012	**1.4**	**1.6**	NA	CH2M
	07/09/2012*	**1.4**	**1.5**	NA	CH2M
	10/03/2012	**1.5**	**1.5**	NA	CH2M
	01/14/2013	**1.5**	**1.6**	NA	CH2M
	04/02/2013	**1.4**	**1.6**	NA	CH2M
	07/03/2013	**1.4**	**1.6**	NA	CH2M
	10/01/2013	**1.8**	**1.6**	NA	CH2M
	01/08/2014	**1.6**	**1.5**	NA	CH2M
	04/08/2014	**1.6**	**1.6**	NA	CH2M
	07/14/2014	**1.5**	**1.5**	NA	CH2M
	07/14/2014*	**1.5**	**1.4**	NA	CH2M
	04/07/2015	**1.6**	**1.6**	NA	CH2M
	07/10/2015	**1.4**	**1.6**	NA	CH2M
	10/12/2015	**1.4**	**1.6**	NA	Arcadis
	01/20/2016	**1.4**	**1.4**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-48	04/08/2016	**1.5**	**1.4**	NA	Arcadis
	07/08/2016	**1.6**	**1.6**	NA	Arcadis
	10/06/2016	**1.7**	**1.5**	NA	Arcadis
	01/12/2017	**1.6**	**1.5**	NA	Arcadis
	04/06/2017	**1.4**	**1.4**	NA	Arcadis
	10/02/2017	**1.5**	**1.5**	NA	Arcadis
	01/18/2018	**2.2**	**1.5**	NA	Arcadis
	04/05/2018	**3.7**	**1.5**	NA	Arcadis
	04/30/2018	**1.5**	**1.5**	NA	Arcadis
	07/16/2018	**1.4**	**1.5**	NA	Arcadis
	10/12/2018	**1.5**	**1.5**	NA	Arcadis
	02/14/2019	**1.5**	**1.3**	NA	Arcadis
	04/05/2019	**1.4**	**1.5**	NA	Arcadis
	10/10/2019	**1.3**	**1.4**	NA	Arcadis
	10/10/2019*	**1.1**	**1.4**	NA	Arcadis
	01/16/2020	**1.5**	**1.5**	NA	Arcadis
	04/09/2020	**2.8**	**2.0**	NA	Arcadis
No. of Samples:	37				
22-53	12/15/2010	**1.1**	**0.43**	NA	CH2M
	10/18/2011	ND (1.0)	**0.48**	NA	CH2M
	01/06/2012	ND (1.0)	**0.76**	NA	CH2M
	04/20/2012	ND (1.0)	**0.52**	NA	CH2M
	07/17/2012	ND (1.0)	**0.74**	NA	CH2M
	10/04/2012	ND (1.0)	**0.33**	NA	CH2M
	01/11/2013	ND (1.0)	**0.43**	NA	CH2M
	04/01/2013	ND (1.0)	**0.64**	NA	CH2M
	07/02/2013	ND (1.0)	**0.57**	NA	CH2M
	10/01/2013	**1.2**	**0.91**	NA	CH2M
	01/08/2014	ND (1.0)	**0.57**	NA	CH2M
	04/04/2014	ND (1.0)	**0.25**	NA	CH2M
	07/09/2014	ND (1.0)	**0.25**	NA	CH2M
No. of Samples:	13				
22-54	12/14/2010	**1.8**	**1.8**	NA	CH2M
	10/03/2011	**1.9**	**1.5**	NA	CH2M
	01/05/2012	ND (1.0)	**0.72**	NA	CH2M
	04/04/2012	**1.2**	**1.3**	NA	CH2M
	07/09/2012	ND (1.0)	**0.58**	NA	CH2M
	10/04/2012	**1.4**	**1.4**	NA	CH2M
	01/10/2013	**1.3**	**1.4**	NA	CH2M
No. of Samples:	7				
22-55	12/14/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/06/2011	ND (1.0)	**0.2**	NA	CH2M
	01/11/2012	ND (1.0)	**0.31**	NA	CH2M
	04/02/2012	ND (1.0)	**0.24**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-55	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2012	ND (1.0)	**0.14**	NA	CH2M
	01/11/2013	ND (1.0)	**0.83**	NA	CH2M
	04/02/2013	ND (1.0)	**0.76**	NA	CH2M
	04/02/2013*	ND (1.0)	**0.78**	NA	CH2M
	01/08/2014	**1.1**	**0.95**	NA	CH2M
	04/04/2014	ND (1.0)	**0.82**	NA	CH2M
No. of Samples:	11				
22-56	12/13/2010	**1.4**	**0.67**	NA	CH2M
	10/05/2011	**2.0**	**0.97**	NA	CH2M
	01/10/2012	ND (1.0)	**0.64**	NA	CH2M
	04/11/2012	ND (1.0)	**0.94**	NA	CH2M
	07/12/2012	ND (1.0)	**0.78**	NA	CH2M
No. of Samples:	5				
22-57	12/13/2010	**1.8**	**1.2**	NA	CH2M
	10/05/2011	**1.9**	**1.6**	NA	CH2M
	03/09/2012	**1.2**	**1.1**	NA	CH2M
	06/28/2012	**1.4**	**1.4**	NA	CH2M
	07/09/2012	**1.1**	**1.1**	NA	CH2M
	10/09/2012	**1.3**	**1.2**	NA	CH2M
	01/11/2013	ND (1.0)	**1.0**	NA	CH2M
	01/11/2013*	ND (1.0)	**1.0**	NA	CH2M
No. of Samples:	8				
22-58	12/14/2010	**2.1**	**1.3**	NA	CH2M
	04/06/2011	**1.4**	**1.4**	NA	CH2M
	10/04/2011	**2.2**	**1.4**	NA	CH2M
	01/04/2012	**1.2**	**1.0**	NA	CH2M
	04/11/2012	**1.4**	**1.5**	NA	CH2M
	07/09/2012	**1.6**	**1.6**	NA	CH2M
	10/03/2012	**1.8**	**1.7**	NA	CH2M
	03/13/2013	**1.3**	**0.86**	NA	CH2M
	04/10/2013	**1.8**	**1.5**	NA	CH2M
	07/10/2013	ND (1.0)	**0.96**	NA	CH2M
No. of Samples:	10				
22-59	12/21/2010	**1.3**	**1.1**	NA	CH2M
	11/10/2011	ND (1.0)	**1.2**	NA	CH2M
	01/12/2012	ND (1.0)	**0.98**	NA	CH2M
	01/12/2012*	ND (1.0)	**0.83**	NA	CH2M
	04/18/2012	ND (1.0)	**0.82**	NA	CH2M
	10/03/2012	ND (1.0)	**0.86**	NA	CH2M
No. of Samples:	6				
22-60	01/04/2011	ND (1.0)	**0.27**	NA	CH2M
	08/16/2011	ND (1.0)	**0.34**	NA	CH2M
	10/03/2011	ND (1.0)	ND (0.2)	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-60	11/09/2011	ND (1.0)	**0.2**	NA	CH2M
	01/11/2012	ND (1.0)	**0.14**	NA	CH2M
	04/12/2012	ND (1.0)	**0.15**	NA	CH2M
	07/11/2012	ND (1.0)	**0.092**	NA	CH2M
	10/18/2012	ND (1.0)	**0.15**	NA	CH2M
	01/11/2013	ND (1.0)	**0.15**	NA	CH2M
	04/03/2013	ND (1.0)	**0.29**	NA	CH2M
	07/11/2013	ND (1.0)	**0.28**	NA	CH2M
	10/10/2013	ND (1.0)	**0.13**	NA	CH2M
	01/16/2014	ND (1.0)	**0.16**	NA	CH2M
	09/06/2017	ND (1.0)	**0.57**	NA	Arcadis
	10/05/2017	ND (1.0)	**0.28**	NA	Arcadis
	02/01/2018	ND (1.0)	**0.38**	NA	Arcadis
	04/09/2018	ND (1.0)	**0.25**	NA	Arcadis
	07/12/2018	ND (1.0)	**0.11**	NA	Arcadis
	07/12/2018*	ND (1.0)	**0.11**	NA	Arcadis
	10/12/2018	ND (1.0)	**0.56**	NA	Arcadis
	04/04/2019	ND (1.0)	**0.16**	NA	Arcadis
	07/16/2019	ND (1.0)	**0.47**	NA	Arcadis
	10/10/2019	ND (1.0)	**0.51**	NA	Arcadis
	01/16/2020	ND (1.0)	**0.28**	NA	Arcadis
	04/09/2020	ND (1.0)	**0.15**	NA	Arcadis
No. of Samples:	25				
22-61	01/12/2011	ND (1.0)	**0.59**	NA	CH2M
	08/17/2011	**1.5**	**1.2**	NA	CH2M
	10/04/2011	**1.9**	**1.5**	NA	CH2M
	10/04/2011*	**2.0**	**1.5**	NA	CH2M
	01/12/2012	ND (1.0)	**0.55**	NA	CH2M
	04/11/2012	ND (1.0)	**0.65**	NA	CH2M
	07/10/2012	**1.1**	**1.3**	NA	CH2M
	10/03/2012	**1.2**	**0.88**	NA	CH2M
	01/16/2013	ND (1.0)	**0.54**	NA	CH2M
No. of Samples:	9				
22-62	01/05/2011	**2.1**	**1.4**	NA	CH2M
	11/28/2011	**1.5**	**1.3**	NA	CH2M
	01/12/2012	**1.0**	**1.2**	NA	CH2M
	04/04/2012	**1.2**	**1.3**	NA	CH2M
	07/11/2012	**1.0**	**1.3**	NA	CH2M
	07/11/2012*	**1.0**	**1.2**	NA	CH2M
	10/08/2012	**1.1**	**1.3**	NA	CH2M
	01/10/2013	**1.2**	**1.3**	NA	CH2M
	04/04/2013	**1.3**	**1.3**	NA	CH2M
	07/08/2013	**1.3**	**1.3**	NA	CH2M
	10/04/2013	**1.2**	**1.2**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-62	03/18/2014	**1.2**	**1.2**	NA	CH2M
	04/07/2014	**1.2**	**1.3**	NA	CH2M
	07/15/2014	**1.3**	**1.2**	NA	CH2M
	10/14/2014	**1.1**	**1.1**	NA	CH2M
	01/15/2015	**1.2**	**1.3**	NA	CH2M
	01/15/2015*	**1.2**	**1.3**	NA	CH2M
	04/09/2015	**1.1**	**1.1**	NA	CH2M
	07/14/2015	ND (1.0)	**1.2**	NA	CH2M
	12/03/2015	**1.0**	**1.1**	NA	Arcadis
	01/21/2016	**1.2**	**1.2**	NA	Arcadis
	04/13/2016	ND (1.0)	**0.99**	NA	Arcadis
	07/11/2016	ND (1.0)	**0.83**	NA	Arcadis
	10/14/2016	ND (1.0)	**0.52**	NA	Arcadis
	01/12/2017	ND (1.0)	**0.93**	NA	Arcadis
	04/10/2017	ND (1.0)	**0.58**	NA	Arcadis
	07/19/2017	ND (1.0)	**0.14**	NA	Arcadis
	10/05/2017	ND (1.0)	**0.9**	NA	Arcadis
No. of Samples:	28				
22-63	12/20/2010	**2.2**	**1.1**	NA	CH2M
	12/01/2011	ND (1.0)	**0.54**	NA	CH2M
	01/10/2012	ND (1.0)	**0.35**	NA	CH2M
	04/11/2012	ND (1.0)	**0.59**	NA	CH2M
	04/11/2012*	ND (1.0)	**0.69**	NA	CH2M
	07/09/2012	**1.2**	**1.2**	NA	CH2M
	10/03/2012	**1.4**	**1.4**	NA	CH2M
	01/16/2013	ND (1.0)	**0.58**	NA	CH2M
	04/01/2013	ND (1.0)	**1.1**	NA	CH2M
	07/08/2013	**1.5**	**1.6**	NA	CH2M
	07/08/2013*	**1.5**	**1.6**	NA	CH2M
	10/01/2013	**1.2**	**0.99**	NA	CH2M
	01/06/2014	ND (1.0)	**0.16**	NA	CH2M
No. of Samples:	13				
22-65	12/22/2010	**2.0**	**2.1**	NA	CH2M
	12/16/2011	**1.6**	**1.8**	NA	CH2M
	01/19/2012	**1.5**	**1.4**	NA	CH2M
	04/11/2012	**1.5**	**1.7**	NA	CH2M
	07/11/2012	**1.6**	**1.8**	NA	CH2M
	10/10/2012	**2.1**	**1.5**	NA	CH2M
	01/09/2013	**1.7**	**1.9**	NA	CH2M
	04/04/2013	ND (1.0)	**0.67**	NA	CH2M
	10/10/2013	ND (1.0)	**0.85**	NA	CH2M
	12/10/2014	**1.0**	**1.2**	NA	CH2M
	01/05/2015	ND (1.0)	**0.32**	NA	CH2M
	04/02/2015	ND (1.0)	ND (0.06)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-65	07/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/19/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/07/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/11/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	07/12/2016	ND (1.0)	**0.23**	NA	Arcadis
	10/06/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/10/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/11/2017	ND (1.0)	ND (0.11)	NA	Arcadis
No. of Samples:	21				
22-66	01/12/2012	ND (1.0)	**0.24**	NA	CH2M
	04/04/2012	ND (1.0)	**0.071**	NA	CH2M
	08/22/2012	**1.8**	**1.6**	NA	CH2M
	10/10/2012	**2.4**	**1.7**	NA	CH2M
No. of Samples:	4				
22-67	04/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	1				
22-69	04/27/2011	ND (1.0)	**0.47**	NA	CH2M
	07/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	06/06/2012	ND (1.0)	**0.27**	NA	CH2M
	07/12/2012	ND (1.0)	**0.51**	NA	CH2M
	10/03/2012	ND (1.0)	**0.57**	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2014	ND (1.0)	**0.16**	NA	CH2M
No. of Samples:	8				
22-70	11/23/2011	**1.1**	**0.94**	NA	CH2M
	06/13/2012	**1.6**	**1.7**	NA	CH2M
	07/10/2012	ND (1.0)	**0.99**	NA	CH2M
	10/03/2012	**1.1**	**1.1**	NA	CH2M
	01/07/2013	ND (1.0)	**0.95**	NA	CH2M
	04/01/2013	**1.0**	**1.2**	NA	CH2M
	07/02/2013	**1.8**	**1.9**	NA	CH2M
	10/01/2013	ND (1.0)	**0.36**	NA	CH2M
No. of Samples:	8				
22-73	07/06/2011	**1.9**	**2.0**	NA	CH2M
	10/04/2011	**2.5**	**1.9**	NA	CH2M
	01/13/2012	**1.7**	**1.8**	NA	CH2M
	07/16/2012	**1.6**	**1.8**	NA	CH2M
	10/10/2012	**1.8**	**1.9**	NA	CH2M
	10/10/2012*	**1.8**	**1.9**	NA	CH2M
	01/08/2013	**1.6**	**1.9**	NA	CH2M
	04/01/2013	**1.6**	**1.9**	NA	CH2M
	07/08/2013	**1.7**	**1.9**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-73	10/01/2013	**2.1**	**1.9**	NA	CH2M
	03/07/2014	**1.8**	**1.6**	NA	CH2M
	04/03/2014	**2.1**	**1.8**	NA	CH2M
	07/01/2014	**2.0**	**1.8**	NA	CH2M
	10/06/2014	**2.0**	**2.1**	NA	CH2M
	01/05/2015	**2.5**	**2.1**	NA	CH2M
	04/02/2015	**2.2**	**1.9**	NA	CH2M
	04/02/2015*	**2.0**	**1.9**	NA	CH2M
	07/07/2015	**1.9**	**2.1**	NA	CH2M
	10/20/2015	**2.3**	**2.1**	NA	Arcadis
	01/08/2016	**1.9**	**1.9**	NA	Arcadis
	04/11/2016	**2.0**	**1.8**	NA	Arcadis
	07/13/2016	**2.0**	**2.0**	NA	Arcadis
	10/06/2016	**2.2**	**1.9**	NA	Arcadis
	01/12/2017	**2.1**	**1.8**	NA	Arcadis
	04/07/2017	**2.0**	**1.9**	NA	Arcadis
	07/12/2017	**1.6**	**2.0**	NA	Arcadis
No. of Samples:	26				
22-74	04/27/2011	**3.0**	**2.2**	NA	CH2M
	07/07/2011	**1.8**	**2.1**	NA	CH2M
	10/03/2011	**2.7**	**2.2**	NA	CH2M
	01/10/2012	**2.0**	**2.1**	NA	CH2M
	01/10/2012*	**2.0**	**2.1**	NA	CH2M
	04/04/2012	**2.0**	**2.1**	NA	CH2M
	07/09/2012	**1.9**	**2.1**	NA	CH2M
	10/03/2012	**2.2**	**2.1**	NA	CH2M
	01/08/2013	**2.1**	**2.1**	NA	CH2M
	04/02/2013	**1.7**	**2.0**	NA	CH2M
	07/03/2013	**1.7**	**2.0**	NA	CH2M
	10/01/2013	**1.9**	**2.0**	NA	CH2M
	01/06/2014	**1.8**	**1.8**	NA	CH2M
	09/06/2017	**1.7**	**1.8**	NA	Arcadis
	10/05/2017	**1.7**	**1.9**	NA	Arcadis
	01/18/2018	**1.9**	**1.9**	NA	Arcadis
	04/05/2018	**1.9**	**1.8**	NA	Arcadis
	07/12/2018	**1.8**	**1.8**	NA	Arcadis
	10/11/2018	**1.6**	**1.7**	NA	Arcadis
	02/14/2019	**1.4**	**1.6**	NA	Arcadis
	02/14/2019*	**1.5**	**1.6**	NA	Arcadis
	04/04/2019	**1.8**	**1.9**	NA	Arcadis
	07/11/2019	**1.7**	**1.9**	NA	Arcadis
No. of Samples:	23				
22-75	04/27/2011	**1.9**	**1.8**	NA	CH2M
	04/27/2011*	**1.9**	**1.8**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-75	07/06/2011	**2.1**	**1.8**	NA	CH2M
	10/04/2011	**2.2**	**1.8**	NA	CH2M
	01/09/2012	**1.6**	**1.8**	NA	CH2M
	04/04/2012	**1.7**	**1.8**	NA	CH2M
	07/09/2012	**1.4**	**1.7**	NA	CH2M
	10/03/2012	**1.6**	**1.7**	NA	CH2M
	01/09/2013	**1.7**	**1.8**	NA	CH2M
	04/08/2013	**1.7**	**1.7**	NA	CH2M
	07/03/2013	**1.5**	**1.7**	NA	CH2M
	10/01/2013	**1.8**	**1.8**	NA	CH2M
	01/13/2014	**1.6**	**1.6**	NA	CH2M
	04/04/2014	**1.7**	**1.7**	NA	CH2M
	07/16/2014	**1.6**	**1.7**	NA	CH2M
	07/16/2014*	**1.8**	**1.8**	NA	CH2M
	01/12/2015	**1.7**	**1.8**	NA	CH2M
	04/13/2015	**1.8**	**1.8**	NA	CH2M
	07/13/2015	**1.7**	**2.0**	NA	CH2M
	10/12/2015	**1.7**	**1.9**	NA	Arcadis
	01/07/2016	**1.9**	**1.9**	NA	Arcadis
	04/04/2016	**1.8**	**1.9**	NA	Arcadis
	07/11/2016	**2.0**	**2.1**	NA	Arcadis
	10/11/2016	**2.0**	**2.0**	NA	Arcadis
	01/18/2017	**2.0**	**1.9**	NA	Arcadis
	04/13/2017	**2.0**	**2.1**	NA	Arcadis
	07/13/2017	**1.9**	**2.2**	NA	Arcadis
	10/09/2017	**2.0**	**2.2**	NA	Arcadis
	01/22/2018	**2.1**	**2.1**	NA	Arcadis
	04/09/2018	**2.0**	**2.2**	NA	Arcadis
	07/13/2018	**2.1**	**2.2**	NA	Arcadis
	10/15/2018	**2.1**	**2.1**	NA	Arcadis
	02/15/2019	**1.8**	**1.9**	NA	Arcadis
	04/04/2019	**1.9**	**2.1**	NA	Arcadis
	07/11/2019	**2.1**	**2.1**	NA	Arcadis
	10/10/2019	**1.6**	**2.0**	NA	Arcadis
	01/17/2020	**1.9**	**2.0**	NA	Arcadis
	04/10/2020	**1.9**	**1.9**	NA	Arcadis
No. of Samples:	38				
22-76	06/17/2013	ND (1.0)	**0.51**	NA	CH2M
	07/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013*	ND (1.0)	**0.094**	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	**1.4**	**1.4**	NA	CH2M
No. of Samples:	5				
22-77	06/23/2011	**1.7**	**1.6**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-77	12/02/2011	**1.8**	**1.6**	NA	CH2M
	01/13/2012	**1.4**	**1.4**	NA	CH2M
	04/02/2012	**1.3**	**1.5**	NA	CH2M
	07/10/2012	**1.3**	**1.5**	NA	CH2M
	10/01/2012	**1.6**	**1.5**	NA	CH2M
	01/07/2013	**1.4**	**1.5**	NA	CH2M
No. of Samples:	7				
22-78	11/03/2011	ND (1.0)	**0.12**	NA	CH2M
	01/20/2012	ND (1.0)	**0.21**	NA	CH2M
	04/11/2012	ND (1.0)	**0.45**	NA	CH2M
	04/03/2013	ND (1.0)	**0.14**	NA	CH2M
	04/02/2014	ND (1.0)	**0.54**	NA	CH2M
	04/02/2014*	**1.1**	**0.47**	NA	CH2M
No. of Samples:	6				
22-79	11/09/2011	**1.4**	**0.9**	NA	CH2M
	01/14/2013	**1.3**	**1.3**	NA	CH2M
	04/01/2013	ND (1.0)	**0.55**	NA	CH2M
	01/10/2014	**1.3**	**1.2**	NA	CH2M
No. of Samples:	4				
22-80	12/16/2011	**1.9**	**1.7**	NA	CH2M
	01/24/2012	**2.0**	**1.9**	NA	CH2M
	04/02/2012	ND (1.0)	**0.1**	NA	CH2M
	07/10/2012	**2.0**	**2.1**	NA	CH2M
	10/03/2012	**2.1**	**1.9**	NA	CH2M
	01/08/2013	**1.3**	**0.98**	NA	CH2M
	01/08/2013*	**1.3**	**0.94**	NA	CH2M
	04/03/2013	**1.7**	**1.8**	NA	CH2M
	08/27/2013	ND (1.0)	ND (0.15)	NA	CH2M
	10/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	01/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/05/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	10/20/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/08/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/11/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	07/12/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	10/06/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/12/2017	ND (1.0)	ND (0.06)	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-80	04/06/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/11/2017	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	27				
22-81	10/06/2011	**1.6**	**1.6**	NA	CH2M
	01/05/2012	**1.1**	**0.97**	NA	CH2M
	04/11/2012	**1.4**	**1.4**	NA	CH2M
	07/11/2012	**1.5**	**1.7**	NA	CH2M
	10/03/2012	**1.7**	**1.6**	NA	CH2M
	01/15/2013	**1.1**	**1.1**	NA	CH2M
	04/01/2013	**1.4**	**1.5**	NA	CH2M
	07/08/2013	**1.6**	**1.8**	NA	CH2M
	10/01/2013	**1.4**	**1.4**	NA	CH2M
	01/07/2014	ND (1.0)	**0.77**	NA	CH2M
	04/02/2014	**1.3**	**1.4**	NA	CH2M
	07/14/2014	**1.4**	**1.3**	NA	CH2M
	10/07/2014	**1.4**	**1.5**	NA	CH2M
	01/12/2015	**1.1**	**1.1**	NA	CH2M
	04/06/2015	**1.7**	**1.6**	NA	CH2M
	07/14/2015	ND (1.0)	**1.2**	NA	CH2M
	10/12/2015	**1.4**	**1.4**	NA	Arcadis
	04/08/2016	ND (1.0)	**0.83**	NA	Arcadis
	07/12/2016	**1.3**	**1.4**	NA	Arcadis
	11/01/2016	ND (1.0)	**0.65**	NA	Arcadis
	01/12/2017	ND (1.0)	**0.46**	NA	Arcadis
	04/06/2017	ND (1.0)	**0.86**	NA	Arcadis
	07/13/2017	ND (1.0)	**0.64**	NA	Arcadis
	10/05/2017	ND (1.0)	**0.49**	NA	Arcadis
No. of Samples:	24				
22-82	11/10/2011	ND (1.0)	**0.24**	NA	CH2M
	01/23/2012	ND (1.0)	**0.1**	NA	CH2M
	04/11/2012	ND (1.0)	**0.18**	NA	CH2M
	07/19/2012	ND (1.0)	**0.52**	NA	CH2M
	10/18/2012	ND (1.0)	**0.1**	NA	CH2M
	01/15/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	**0.35**	NA	CH2M
	04/01/2013*	ND (1.0)	**0.33**	NA	CH2M
	07/03/2013	ND (1.0)	**0.56**	NA	CH2M
	10/01/2013	ND (1.0)	**0.64**	NA	CH2M
	01/07/2014	ND (1.0)	**0.091**	NA	CH2M
	04/02/2014	ND (1.0)	**0.12**	NA	CH2M
	07/14/2014	ND (1.0)	**0.51**	NA	CH2M
	10/10/2014	ND (1.0)	**0.074**	NA	CH2M
	01/13/2015	ND (1.0)	**0.13**	NA	CH2M
	04/08/2015	ND (1.0)	**0.4**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-82	07/14/2015	ND (1.0)	**0.45**	NA	CH2M
	10/12/2015	**1.1**	**1.1**	NA	Arcadis
	01/07/2016	**1.1**	**1.1**	NA	Arcadis
	04/07/2016	**1.0**	**0.97**	NA	Arcadis
	07/12/2016	**1.1**	**0.94**	NA	Arcadis
	10/06/2016	**1.2**	**0.92**	NA	Arcadis
	01/12/2017	**1.2**	**0.96**	NA	Arcadis
	04/06/2017	**1.1**	**1.0**	NA	Arcadis
	07/13/2017	**1.2**	**1.3**	NA	Arcadis
	10/05/2017	**1.1**	**1.1**	NA	Arcadis
	01/18/2018	ND (1.0)	**0.3**	NA	Arcadis
	04/05/2018	**1.2**	**0.93**	NA	Arcadis
	07/12/2018	**1.2**	**1.1**	NA	Arcadis
	10/11/2018	ND (1.0)	**0.79**	NA	Arcadis
	02/14/2019	ND (1.0)	**0.71**	NA	Arcadis
	04/04/2019	ND (1.0)	**0.71**	NA	Arcadis
	07/11/2019	**1.2**	**1.2**	NA	Arcadis
	10/10/2019	ND (1.0)	**0.87**	NA	Arcadis
	01/16/2020	**1.2**	**1.3**	NA	Arcadis
	04/09/2020	ND (1.0)	**0.87**	NA	Arcadis
No. of Samples:	36				
22-84	06/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	2				
22-86	01/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/19/2012	ND (1.0)	**0.48**	NA	CH2M
	10/09/2012	ND (1.0)	**0.55**	NA	CH2M
	02/05/2013	ND (1.0)	**0.47**	NA	CH2M
	04/01/2013	ND (1.0)	**0.49**	NA	CH2M
No. of Samples:	5				
22-87	12/14/2011	**1.1**	**1.3**	NA	CH2M
	01/23/2012	ND (1.0)	**0.23**	NA	CH2M
	05/15/2012	ND (1.0)	**1.2**	NA	CH2M
	07/18/2012	ND (1.0)	**0.55**	NA	CH2M
	10/12/2012	ND (1.0)	**0.23**	NA	CH2M
	01/11/2013	ND (1.0)	**0.49**	NA	CH2M
No. of Samples:	6				
22-88	04/03/2014	**1.3**	**0.99**	NA	CH2M
No. of Samples:	1				
22-89	10/01/2012	ND (1.0)	**0.42**	NA	CH2M
	01/07/2013	ND (1.0)	**0.12**	NA	CH2M
No. of Samples:	2				
22-90	11/30/2011	**1.5**	**1.2**	NA	CH2M
	01/12/2012	ND (1.0)	**1.2**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-90	05/16/2012	**1.0**	**1.3**	NA	CH2M
No. of Samples:	3				
22-91	11/30/2011	ND (1.0)	**0.52**	NA	CH2M
	01/05/2012	ND (1.0)	**0.16**	NA	CH2M
	04/25/2012	ND (1.0)	**0.33**	NA	CH2M
	07/12/2012	ND (1.0)	**0.62**	NA	CH2M
	10/09/2012	ND (1.0)	**0.79**	NA	CH2M
	01/11/2013	ND (1.0)	**0.52**	NA	CH2M
	01/11/2013*	ND (1.0)	**0.53**	NA	CH2M
	04/01/2013	ND (1.0)	**0.61**	NA	CH2M
	07/02/2013	ND (1.0)	**0.91**	NA	CH2M
No. of Samples:	9				
22-93	11/28/2011	**2.7**	**2.6**	NA	CH2M
	01/05/2012	**2.4**	**2.5**	NA	CH2M
	04/16/2012	**2.4**	**2.5**	NA	CH2M
	07/10/2012	**2.3**	**2.5**	NA	CH2M
	10/03/2012	**2.6**	**2.6**	NA	CH2M
	10/03/2012*	**2.6**	**2.5**	NA	CH2M
	01/08/2013	**2.3**	**2.6**	NA	CH2M
	08/27/2013	ND (1.0)	**0.33**	NA	CH2M
	10/01/2013	**3.1**	**2.4**	NA	CH2M
	01/06/2014	ND (1.0)	**0.13**	NA	CH2M
	04/03/2014	**2.0**	**1.8**	NA	CH2M
	07/01/2014	**2.6**	**2.4**	NA	CH2M
	10/06/2014	**3.5**	**3.5**	NA	CH2M
	01/05/2015	**3.7**	**3.3**	NA	CH2M
	04/02/2015	**3.6**	**3.3**	NA	CH2M
	07/07/2015	**2.9**	**3.1**	NA	CH2M
	10/20/2015	**3.2**	**3.3**	NA	Arcadis
	01/08/2016	**3.4**	**3.2**	NA	Arcadis
	04/07/2016	**3.1**	**2.9**	NA	Arcadis
	07/08/2016	**3.2**	**3.1**	NA	Arcadis
	10/10/2016	**3.0**	**2.6**	NA	Arcadis
	01/12/2017	**3.5**	**2.8**	NA	Arcadis
	04/10/2017	**2.9**	**2.6**	NA	Arcadis
	07/12/2017	**2.0**	**2.7**	NA	Arcadis
No. of Samples:	24				
22-97	11/22/2011	**1.6**	**1.4**	NA	CH2M
	01/06/2012	**1.0**	**1.1**	NA	CH2M
	01/06/2012*	ND (1.0)	**1.1**	NA	CH2M
	04/16/2012	ND (1.0)	**0.81**	NA	CH2M
	07/13/2012	ND (1.0)	**0.42**	NA	CH2M
	10/05/2012	**1.0**	**1.0**	NA	CH2M
No. of Samples:	6				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
22-98	10/06/2011	ND (1.0)	**0.58**	NA	CH2M
	03/13/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	4				
22-99	11/09/2011	ND (1.0)	**0.18**	NA	CH2M
	01/10/2012	ND (1.0)	**0.21**	NA	CH2M
	04/11/2012	ND (1.0)	**0.24**	NA	CH2M
	04/11/2012*	ND (1.0)	**0.23**	NA	CH2M
No. of Samples:	4				
23-02	05/21/2002	**2.4**	**1.2**	NA	CH2M
	08/15/2002	**2.4**	**1.0**	NA	CH2M
	11/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2003	**2.8**	**1.1**	NA	CH2M
	06/26/2003	**1.4**	**1.2**	NA	CH2M
	08/12/2003	**2.3**	ND (0.2)	NA	CH2M
	02/17/2004	**3.1**	ND (0.2)	NA	CH2M
	08/25/2004	**1.7**	ND (0.2)	NA	CH2M
	12/09/2004	**2.92**	**2.23**	NA	CH2M
	02/10/2005	**1.82**	ND (0.2)	NA	CH2M
	10/13/2005	**1.34**	ND (0.2)	NA	CH2M
	10/20/2006	**1.96**	**2.36**	NA	CH2M
	04/13/2007	ND (1.0)	ND (0.2)	NA	CH2M
	06/21/2007	**1.75**	**1.84**	NA	CH2M
	10/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	10/15/2007*	ND (1.0)	ND (0.2)	NA	CH2M
	11/13/2007	**3.47**	**3.62**	NA	CH2M
	12/03/2007	**2.06**	**2.25**	NA	CH2M
	02/22/2008	**1.52**	ND (0.2)	NA	CH2M
	06/11/2008	**1.91**	ND (0.2)	NA	CH2M
No. of Samples:	20				
23-07	03/28/2003	**2.4**	**1.0**	NA	CH2M
	11/14/2006	**1.68**	1.06 J	NA	CH2M
	01/07/2011	**2.2**	**2.5**	NA	CH2M
	01/07/2011*	**2.6**	**2.6**	NA	CH2M
	03/07/2011	**1.5**	**1.3**	NA	CH2M
	04/26/2011	**2.1**	**1.9**	NA	CH2M
	07/13/2011	**1.9**	**1.8**	NA	CH2M
	10/05/2011	**2.6**	**2.4**	NA	CH2M
	10/27/2011	**2.6**	**2.4**	NA	CH2M
	01/12/2012	**1.2**	**1.5**	NA	CH2M
	04/13/2012	**1.7**	**2.0**	NA	CH2M
	07/13/2012	**1.6**	**1.9**	NA	CH2M
	10/16/2012	**1.9**	**1.0**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
23-07	03/12/2013	**2.3**	**1.9**	NA	CH2M
	01/24/2014	**1.8**	**1.6**	NA	CH2M
	04/04/2014	**3.0**	**2.1**	NA	CH2M
	07/11/2014	**2.4**	**2.0**	NA	CH2M
	10/09/2014	**2.5**	**2.0**	NA	CH2M
No. of Samples:	18				
23-09	03/28/2003	**3.1**	**1.0**	NA	CH2M
	06/26/2003	**1.0**	ND (0.2)	NA	CH2M
	08/12/2003	**2.0**	ND (0.2)	NA	CH2M
	02/17/2004	**3.7**	ND (0.2)	NA	CH2M
	12/12/2006	ND (1.0)	**0.449**	NA	CH2M
	02/23/2007	**1.17**	**0.341**	NA	CH2M
	08/11/2009	**2.0**	**1.75**	NA	CH2M
	11/24/2009	**1.75**	**1.8**	NA	CH2M
	02/12/2010	**1.62**	**1.52**	NA	CH2M
No. of Samples:	9				
23-10	05/21/2002	**3.8**	**2.3**	NA	CH2M
	08/15/2002	**3.0**	**0.86**	NA	CH2M
	11/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2003	**1.5**	ND (0.2)	NA	CH2M
	08/12/2003	**1.6**	ND (0.2)	NA	CH2M
	02/17/2004	**1.8**	ND (0.2)	NA	CH2M
	08/25/2005	**1.12**	**1.1**	NA	CH2M
No. of Samples:	7				
23-11	05/21/2002	**3.5**	**2.3**	NA	CH2M
	08/15/2002	**4.1**	**3.3**	NA	CH2M
	11/14/2002	**4.0**	**3.5**	NA	CH2M
	02/21/2003	**3.1**	**1.5**	NA	CH2M
	08/12/2003	**5.1**	**2.6**	NA	CH2M
	02/17/2004	**4.5**	**2.5**	NA	CH2M
	08/25/2004	**3.89**	**1.64**	NA	CH2M
	08/25/2005	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	8				
23-13	03/28/2003	**2.5**	ND (0.2)	NA	CH2M
	01/19/2010	ND (1.0)	**1.01**	NA	CH2M
	01/19/2010*	ND (1.0)	**0.97**	NA	CH2M
	08/02/2010	ND (1.0)	**0.32**	NA	CH2M
	10/28/2010	**1.2**	**0.66**	NA	CH2M
	02/10/2011	**1.8**	**1.5**	NA	CH2M
	04/05/2011	**1.3**	**0.75**	NA	CH2M
No. of Samples:	7				
23-14	08/08/2001	**6.0**	ND (1.0)	NA	CH2M
	03/28/2003	**4.8**	**1.3**	NA	CH2M
	01/19/2010	**1.62**	ND (1.05)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
23-14	08/02/2010	**1.5**	**1.1**	NA	CH2M
No. of Samples:	4				
23-15	06/26/2003	**1.1**	**3.7**	NA	CH2M
	08/12/2003	**4.6**	**3.6**	NA	CH2M
	10/28/2003	**4.2**	**3.4**	NA	CH2M
	12/03/2003	**6.3**	**4.0**	NA	CH2M
	02/17/2004	**7.2**	**4.7**	NA	CH2M
	04/26/2004	**4.1**	**4.3**	NA	CH2M
	06/16/2004	**4.2**	**5.0**	NA	CH2M
	08/25/2004	**6.71**	**4.91**	NA	CH2M
	10/13/2004	ND (1.0)	**0.505**	NA	CH2M
	12/09/2004	ND (1.0)	ND (0.2)	NA	CH2M
	06/08/2005	**2.73**	**1.61**	NA	CH2M
	08/25/2005	ND (1.0)	**0.404**	NA	CH2M
	12/06/2005	**3.12**	ND (0.2)	NA	CH2M
	02/21/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/19/2006	**5.49**	**2.58**	NA	CH2M
	06/13/2006	**5.13**	**3.22**	NA	CH2M
	08/11/2006	**2.93**	**2.95**	NA	CH2M
	10/18/2006	**3.46**	**3.86**	NA	CH2M
	12/05/2006	**4.29**	**2.57**	NA	CH2M
	02/15/2007	**1.7**	**1.7**	NA	CH2M
	02/15/2007*	**2.14**	**1.61**	NA	CH2M
	04/10/2007	**3.5**	**3.11**	NA	CH2M
	06/21/2007	**3.36**	**3.62**	NA	CH2M
	08/15/2007	**2.86**	**3.31**	NA	CH2M
	08/15/2007*	**3.1**	**3.28**	NA	CH2M
	10/18/2007	**3.75**	**4.04**	NA	CH2M
	12/07/2007	**2.76**	**2.55**	NA	CH2M
	12/07/2007*	**3.05**	**2.57**	NA	CH2M
	02/22/2008	**2.8**	**2.86**	NA	CH2M
	04/11/2008	**3.55**	**3.27**	NA	CH2M
	06/11/2008	**3.7**	**3.97**	NA	CH2M
	08/07/2008	**3.91**	**3.79**	NA	CH2M
	11/06/2008	**3.73**	**4.5**	NA	CH2M
	02/12/2009	**2.7**	**2.87**	NA	CH2M
	05/14/2009	**3.76**	**3.93**	NA	CH2M
	08/06/2009	**4.24**	**4.0**	NA	CH2M
	11/24/2009	**4.03**	**4.23**	NA	CH2M
	02/12/2010	**2.69**	**2.33**	NA	CH2M
	05/12/2010	**3.0**	**3.5**	NA	CH2M
	08/04/2010	**4.0**	**3.2**	NA	CH2M
	11/02/2010	**3.8**	**3.6**	NA	CH2M
No. of Samples:	41				

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
23-16	04/29/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2005	**1.38**	ND (0.2)	NA	CH2M
	08/25/2005	ND (1.0)	ND (0.2)	NA	CH2M
	08/25/2005*	ND (1.0)	ND (0.2)	NA	CH2M
	02/20/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/20/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/06/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/14/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/24/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2010*	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2010*	ND (1.0)	ND (0.2)	NA	CH2M
	06/21/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2010*	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	23				
23-17	06/16/2004	**2.9**	**1.6**	NA	CH2M
	01/16/2006	**1.2**	ND (1.0)	NA	CH2M
No. of Samples:	2				
23-18	06/16/2004	**2.8**	**1.4**	NA	CH2M
	02/17/2010	**1.22**	**1.02**	NA	CH2M
No. of Samples:	2				
23-19	08/25/2004	**2.91**	**0.878**	NA	CH2M
	02/10/2005	**1.53**	ND (0.2)	NA	CH2M
	08/25/2005	**1.91**	**1.18**	NA	CH2M
	02/21/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2006	**2.03**	**1.9**	NA	CH2M
	02/15/2007	**1.69**	**1.42**	NA	CH2M
	08/15/2007	**1.86**	**1.84**	NA	CH2M
	02/15/2008	**2.41**	**1.78**	NA	CH2M
	08/07/2008	**3.18**	**3.13**	NA	CH2M
	05/14/2009	**3.55**	**3.49**	NA	CH2M
	08/06/2009	**3.46**	**3.28**	NA	CH2M
	08/06/2009*	**3.14**	**3.26**	NA	CH2M
	11/24/2009	**3.0**	**3.06**	NA	CH2M
	02/12/2010	ND (1.0)	**0.28**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
23-19	05/12/2010	**3.0**	**3.4**	NA	CH2M
	08/04/2010	**3.3**	**2.3**	NA	CH2M
	11/02/2010	**3.2**	**3.0**	NA	CH2M
No. of Samples:	17				
23-20	01/16/2006	ND (1.0)	ND (1.0)	NA	CH2M
	01/16/2006*	ND (1.0)	ND (1.0)	NA	CH2M
	08/11/2009	ND (1.0)	ND (0.2)	NA	CH2M
	03/07/2011	ND (1.0)	**0.37**	NA	CH2M
	04/06/2011	ND (1.0)	**0.28**	NA	CH2M
	07/12/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/05/2011	ND (1.0)	**0.31**	NA	CH2M
No. of Samples:	7				
23-22	12/07/2006	**1.25**	**0.933**	NA	CH2M
	08/10/2010	**6.9**	**6.7**	NA	CH2M
	09/08/2010	**6.7**	**5.9**	NA	CH2M
	02/25/2011	**2.0**	**1.9**	NA	CH2M
	04/05/2011	**4.3**	**3.9**	NA	CH2M
No. of Samples:	5				
23-24	01/19/2010	**1.55**	**1.5**	NA	CH2M
	08/02/2010	**1.8**	**2.3**	NA	CH2M
	10/27/2010	**2.1**	**2.7**	NA	CH2M
	02/09/2011	**1.8**	**1.9**	NA	CH2M
	04/05/2011	**2.2**	**2.4**	NA	CH2M
	07/13/2011	**1.9**	**2.3**	NA	CH2M
	10/05/2011	ND (1.0)	ND (1.0)	NA	CH2M
	11/07/2011	**2.2**	**2.6**	NA	CH2M
	01/09/2012	**1.6**	**2.0**	NA	CH2M
	04/20/2012	**1.2**	**1.5**	NA	CH2M
	07/10/2012	ND (1.0)	ND (0.3)	NA	CH2M
	10/01/2012	**1.4**	**1.0**	NA	CH2M
	01/08/2013	**1.5**	ND (0.06)	NA	CH2M
	07/01/2013	ND (1.0)	**0.38**	NA	CH2M
	10/08/2013	**1.0**	**0.39**	NA	CH2M
	10/08/2013*	**1.0**	**0.43**	NA	CH2M
	04/07/2014	ND (1.0)	**0.35**	NA	CH2M
	07/07/2014	ND (1.0)	**0.34**	NA	CH2M
	10/07/2014	**1.2**	**0.69**	NA	CH2M
	01/19/2015	ND (1.0)	**0.59**	NA	CH2M
	04/06/2015	**1.3**	**0.92**	NA	CH2M
	04/06/2015*	**1.4**	**0.93**	NA	CH2M
No. of Samples:	22				
23-25	08/05/2009	**1.04**	**0.3**	NA	CH2M
	02/19/2010	**1.93**	**1.43**	NA	CH2M
	08/02/2010	ND (1.0)	ND (0.2)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
23-25	11/02/2010	**1.4**	**0.77**	NA	CH2M
	12/07/2010	ND (1.0)	**0.41**	NA	CH2M
	02/09/2011	**1.7**	**1.3**	NA	CH2M
	04/06/2011	**1.0**	**0.84**	NA	CH2M
	08/16/2011	**1.0**	**0.7**	NA	CH2M
	10/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/06/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	11/07/2011	**1.6**	**1.2**	NA	CH2M
	01/04/2012	**1.6**	**1.4**	NA	CH2M
	05/16/2012	**2.3**	**2.1**	NA	CH2M
	07/10/2012	**2.5**	**2.2**	NA	CH2M
	10/01/2012	**2.8**	**2.1**	NA	CH2M
	01/09/2013	**2.1**	**1.3**	NA	CH2M
	04/03/2014	**2.4**	**1.5**	NA	CH2M
	07/21/2014	**2.9**	**2.7**	NA	CH2M
No. of Samples:	18				
23-26	01/19/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2010	**1.7**	**1.9**	NA	CH2M
	10/28/2010	ND (1.0)	**0.51**	NA	CH2M
	02/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/05/2011	ND (1.0)	ND (1.0)	NA	CH2M
No. of Samples:	5				
23-27	08/20/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/24/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/13/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/15/2011	ND (1.0)	**0.087**	NA	CH2M
	01/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/30/2012	ND (1.0)	**0.2**	NA	CH2M
	07/10/2012	ND (1.0)	**0.069**	NA	CH2M
No. of Samples:	9				
23-28	01/10/2011	**2.4**	**1.8**	NA	CH2M
	01/10/2011*	**1.9**	**1.8**	NA	CH2M
	04/06/2011	**2.2**	**2.1**	NA	CH2M
	08/16/2011	3.2 J	**2.0**	NA	CH2M
	10/31/2011	**2.0**	**1.9**	NA	CH2M
	01/16/2012	ND (1.0)	**0.53**	NA	CH2M
	04/30/2012	**1.8**	**2.1**	NA	CH2M
	08/09/2012	**1.6**	**2.1**	NA	CH2M
	08/09/2012*	**1.6**	**2.1**	NA	CH2M
	01/11/2013	**1.0**	**1.3**	NA	CH2M
	10/03/2013	**1.8**	**2.0**	NA	CH2M
	01/16/2014	**1.4**	**1.4**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
23-28	04/04/2014	**2.0**	**2.1**	NA	CH2M
	07/10/2014	**1.7**	**1.8**	NA	CH2M
	07/10/2014*	**1.8**	**1.9**	NA	CH2M
	07/08/2015	**1.7**	**2.1**	NA	CH2M
	10/16/2015	ND (1.0)	**0.77**	NA	Arcadis
No. of Samples:	17				
23-29	02/02/2011	**1.0**	**0.87**	NA	CH2M
No. of Samples:	1				
23-30	02/17/2010	**1.93**	**1.67**	NA	CH2M
	08/04/2010	**2.4**	**1.5**	NA	CH2M
	10/28/2010	**3.2**	**1.9**	NA	CH2M
	02/07/2011	**3.1**	**1.8**	NA	CH2M
	04/08/2011	7.0 J	**2.2**	NA	CH2M
	04/08/2011*	6.5 J	**2.3**	NA	CH2M
	05/04/2011	**3.5**	**2.0**	NA	CH2M
	07/13/2011	**5.5**	**1.8**	NA	CH2M
	07/18/2013	**3.1**	**2.4**	NA	CH2M
	10/02/2013	**2.4**	**2.6**	NA	CH2M
	01/06/2014	**3.1**	**2.8**	NA	CH2M
	04/03/2014	**2.6**	**2.8**	NA	CH2M
	04/03/2014*	**2.7**	**2.8**	NA	CH2M
	07/07/2014	**2.5**	**2.8**	NA	CH2M
	10/06/2014	**2.8**	**3.1**	NA	CH2M
	01/16/2015	**2.8**	**3.3**	NA	CH2M
	05/06/2015	**2.6**	**3.2**	NA	CH2M
	07/09/2015	**2.9**	**3.2**	NA	CH2M
	10/14/2015	**3.0**	**3.3**	NA	Arcadis
	01/06/2016	**3.5**	**3.4**	NA	Arcadis
	04/04/2016	**3.0**	**3.4**	NA	Arcadis
	07/07/2016	**2.9**	**3.3**	NA	Arcadis
	10/03/2016	**3.7**	**3.4**	NA	Arcadis
	01/10/2017	**3.1**	**2.8**	NA	Arcadis
	07/10/2017	**4.2**	**3.4**	NA	Arcadis
	10/04/2017	**3.8**	**3.2**	NA	Arcadis
	07/10/2018	**3.0**	**2.8**	NA	Arcadis
	10/08/2018	**2.9**	**3.0**	NA	Arcadis
	01/16/2019	**4.7**	**2.6**	NA	Arcadis
	03/06/2019	**3.0**	**3.2**	NA	Arcadis
	04/02/2019	**2.9**	**3.1**	NA	Arcadis
	04/02/2019*	**2.8**	**3.1**	NA	Arcadis
	07/10/2019	**3.1**	**3.4**	NA	Arcadis
	07/10/2019*	**3.0**	**3.4**	NA	Arcadis
	10/08/2019	**2.8**	**2.9**	NA	Arcadis
	01/15/2020	**3.3**	**3.1**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
23-30	04/07/2020	**4.1**	**3.0**	NA	Arcadis
	05/07/2020	**3.0**	**3.2**	NA	Arcadis
No. of Samples:	38				
23-31	02/17/2010	ND (1.0)	**0.41**	NA	CH2M
No. of Samples:	1				
23-32	03/05/2010	**2.54**	**1.42**	NA	CH2M
	08/06/2010	**3.2**	**3.7**	NA	CH2M
	10/28/2010	**1.7**	**0.76**	NA	CH2M
	02/07/2011	**1.2**	**0.43**	NA	CH2M
	04/05/2011	**1.0**	**0.81**	NA	CH2M
No. of Samples:	5				
23-35	01/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	01/10/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	10/05/2011	**2.7**	**1.8**	NA	CH2M
	01/09/2012	ND (1.0)	**0.63**	NA	CH2M
	04/24/2012	**1.1**	**1.2**	NA	CH2M
	07/10/2012	**1.3**	**1.3**	NA	CH2M
	10/01/2012	**1.3**	**0.95**	NA	CH2M
	01/11/2013	ND (1.0)	**0.74**	NA	CH2M
No. of Samples:	8				
23-36	01/10/2011	ND (1.0)	**0.28**	NA	CH2M
	01/10/2011*	ND (1.0)	**0.29**	NA	CH2M
	10/05/2011	**2.9**	**2.2**	NA	CH2M
	05/16/2012	**1.7**	**1.8**	NA	CH2M
	07/11/2012	**1.4**	**1.5**	NA	CH2M
No. of Samples:	5				
24-02	04/10/2007	**2.4**	**2.58**	NA	CH2M
	06/16/2010	**3.0**	**3.4**	NA	CH2M
	08/04/2010	**3.1**	**3.5**	NA	CH2M
	10/27/2010	**2.9**	**2.9**	NA	CH2M
	12/09/2010	**3.6**	**2.5**	NA	CH2M
	02/07/2011	**3.0**	**2.6**	NA	CH2M
	04/06/2011	**3.7**	**3.0**	NA	CH2M
	07/13/2011	**2.5**	**2.9**	NA	CH2M
	10/06/2011	**3.0**	**3.2**	NA	CH2M
No. of Samples:	9				
24-03	08/10/2010	**2.6**	**2.7**	NA	CH2M
	12/07/2010	**2.7**	**2.5**	NA	CH2M
	02/09/2011	**2.6**	**2.6**	NA	CH2M
	04/06/2011	**2.9**	**2.8**	NA	CH2M
	07/12/2011	**2.4**	**2.7**	NA	CH2M
	10/05/2011	**2.9**	**2.7**	NA	CH2M
	01/04/2012	**2.7**	**2.6**	NA	CH2M
	04/11/2012	**2.3**	**2.5**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
24-03	07/19/2012	**2.6**	**2.7**	NA	CH2M
	10/01/2012	**2.8**	**2.5**	NA	CH2M
	01/09/2013	**2.3**	**2.2**	NA	CH2M
	04/04/2013	ND (1.0)	**0.41**	NA	CH2M
	01/09/2014	**1.8**	**1.4**	NA	CH2M
	01/09/2014*	**1.8**	**1.3**	NA	CH2M
	04/04/2014	**1.7**	**1.4**	NA	CH2M
No. of Samples:	15				
24-04	08/10/2010	ND (1.0)	**0.49**	NA	CH2M
	12/07/2010	ND (1.0)	**0.3**	NA	CH2M
	02/09/2011	ND (1.0)	**0.29**	NA	CH2M
	04/06/2011	**1.5**	**1.0**	NA	CH2M
	07/08/2011	**2.1**	**1.9**	NA	CH2M
	10/05/2011	**1.4**	**1.2**	NA	CH2M
	10/05/2011*	**1.1**	**1.2**	NA	CH2M
	01/03/2012	ND (1.0)	**0.71**	NA	CH2M
	04/02/2012	**1.5**	**1.5**	NA	CH2M
	07/10/2012	**2.1**	**2.1**	NA	CH2M
	10/01/2012	**2.5**	**2.3**	NA	CH2M
	01/08/2013	**2.2**	**2.2**	NA	CH2M
	04/04/2013	**2.1**	**1.6**	NA	CH2M
	07/01/2013	**1.9**	**1.9**	NA	CH2M
	10/08/2013	**1.4**	**1.3**	NA	CH2M
No. of Samples:	15				
24-06	10/19/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/20/2010	ND (1.0)	**0.21**	NA	CH2M
No. of Samples:	2				
24-07	02/14/2006	**2.4**	**2.48**	NA	CH2M
	08/10/2010	**2.3**	**2.2**	NA	CH2M
	01/24/2011	**2.4**	**2.3**	NA	CH2M
	04/06/2011	**2.3**	**2.4**	NA	CH2M
	07/08/2011	**2.1**	**2.3**	NA	CH2M
	10/05/2011	**3.0**	**2.5**	NA	CH2M
	01/04/2012	**2.4**	**2.4**	NA	CH2M
	01/04/2012*	**2.4**	**2.4**	NA	CH2M
	04/11/2012	**2.3**	**2.5**	NA	CH2M
	07/10/2012	**2.2**	**2.4**	NA	CH2M
	10/01/2012	**2.6**	**2.5**	NA	CH2M
	01/08/2013	**1.9**	**2.2**	NA	CH2M
	04/01/2013	**1.9**	**2.5**	NA	CH2M
	07/01/2013	**2.4**	**2.5**	NA	CH2M
	07/01/2013*	**2.3**	**2.6**	NA	CH2M
	10/02/2013	**2.8**	**2.7**	NA	CH2M
No. of Samples:	16				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
24-08	04/10/2007	ND (1.0)	**0.396**	NA	CH2M
	06/09/2010	**2.5**	**2.5**	NA	CH2M
	08/02/2010	**2.5**	**2.9**	NA	CH2M
	08/02/2010*	**2.5**	**2.9**	NA	CH2M
	10/27/2010	**3.2**	**3.3**	NA	CH2M
	02/07/2011	**1.7**	**1.8**	NA	CH2M
	04/06/2011	**2.3**	**2.3**	NA	CH2M
	08/16/2011	**2.9**	**3.0**	NA	CH2M
No. of Samples:	8				
24-09	06/16/2010	**3.2**	**3.8**	NA	CH2M
	08/04/2010	**3.1**	**3.5**	NA	CH2M
	12/06/2010	**3.2**	**3.2**	NA	CH2M
	01/26/2011	**3.4**	**3.5**	NA	CH2M
	04/05/2011	**3.7**	**3.4**	NA	CH2M
	07/08/2011	**3.0**	**3.5**	NA	CH2M
No. of Samples:	6				
24-10	06/09/2010	**2.9**	**2.9**	NA	CH2M
	10/27/2010	**2.5**	**1.7**	NA	CH2M
	02/09/2011	**1.8**	**1.4**	NA	CH2M
	04/06/2011	**2.4**	**2.3**	NA	CH2M
	07/08/2011	**3.0**	**3.0**	NA	CH2M
	07/08/2011*	**2.9**	**3.0**	NA	CH2M
	10/06/2011	**3.3**	**3.0**	NA	CH2M
	10/27/2011	**3.3**	**3.5**	NA	CH2M
	01/04/2012	**4.8**	**2.6**	NA	CH2M
	04/12/2012	**2.2**	**2.2**	NA	CH2M
	07/17/2012	**2.8**	**2.6**	NA	CH2M
	10/01/2012	**3.0**	**2.7**	NA	CH2M
No. of Samples:	12				
24-11	12/09/2010	ND (1.0)	**0.69**	NA	CH2M
	03/04/2011	ND (1.0)	**0.79**	NA	CH2M
	04/06/2011	ND (1.0)	**0.31**	NA	CH2M
	07/13/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/08/2011	ND (1.0)	**0.1**	NA	CH2M
	01/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/12/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	**0.067**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
24-11	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2013*	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	17				
24-12	09/07/2011	**5.7**	**5.8**	NA	CH2M
	09/26/2011	**7.2**	**6.4**	NA	CH2M
	11/21/2011	**5.3**	**5.3**	NA	CH2M
	01/13/2012	**3.3**	**3.2**	NA	CH2M
	04/03/2012	**3.8**	**4.4**	NA	CH2M
	07/11/2012	**4.7**	**5.1**	NA	CH2M
	10/01/2012	**4.5**	**4.3**	NA	CH2M
	01/17/2013	**2.2**	**2.2**	NA	CH2M
No. of Samples:	8				
25-04	01/03/2011	**2.0**	**2.1**	NA	CH2M
	04/25/2011	**1.8**	**1.4**	NA	CH2M
	04/25/2011*	**1.8**	**1.4**	NA	CH2M
	08/17/2011	**2.5**	**2.2**	NA	CH2M
	10/06/2011	**2.2**	**1.8**	NA	CH2M
	01/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	6				
25-06	04/10/2007	**2.06**	**1.82**	NA	CH2M
	07/19/2012	**2.1**	**2.3**	NA	CH2M
No. of Samples:	2				
25-07	05/30/2006	**3.39**	**0.982**	NA	CH2M
	04/01/2010	**1.96**	**2.25**	NA	CH2M
	08/04/2010	**3.5**	**3.0**	NA	CH2M
	10/27/2010	**3.4**	**3.6**	NA	CH2M
	01/26/2011	**2.8**	**2.5**	NA	CH2M
	04/05/2011	**3.0**	**3.2**	NA	CH2M
No. of Samples:	6				
25-10	05/31/2006	**2.44**	**1.26**	NA	CH2M
	04/01/2010	**2.6**	**2.94**	NA	CH2M
	08/02/2010	**4.2**	4.6 J	NA	CH2M
	08/02/2010*	**3.1**	3.6 J	NA	CH2M
	10/27/2010	**3.3**	**3.3**	NA	CH2M
	01/24/2011	**3.0**	**3.0**	NA	CH2M
	04/06/2011	**3.1**	**3.1**	NA	CH2M
	07/08/2011	**2.8**	**3.3**	NA	CH2M
	11/07/2013	**3.1**	**3.4**	NA	CH2M
	11/07/2013*	**3.1**	**3.4**	NA	CH2M
	04/04/2014	**3.3**	**3.2**	NA	CH2M
No. of Samples:	11				
25-11	05/31/2006	**4.6**	**3.19**	NA	CH2M
	04/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	04/01/2010	ND (1.0)	**0.51**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
25-11	08/10/2010	**2.7**	**2.6**	NA	CH2M
	01/26/2011	**1.2**	**0.7**	NA	CH2M
	04/05/2011	**2.8**	**2.3**	NA	CH2M
No. of Samples:	6				
25-12	05/31/2006	**5.79**	**3.11**	NA	CH2M
	04/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	03/09/2011	ND (1.0)	**0.53**	NA	CH2M
	04/05/2011	**1.4**	**1.6**	NA	CH2M
No. of Samples:	4				
25-14	04/01/2010	ND (1.0)	**1.17**	NA	CH2M
	08/02/2010	ND (1.0)	**0.22**	NA	CH2M
	10/27/2010	**1.5**	**1.7**	NA	CH2M
	02/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	04/05/2011	ND (1.0)	**0.25**	NA	CH2M
	07/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/08/2011	ND (1.0)	**1.1**	NA	CH2M
	01/03/2012	**1.3**	**1.3**	NA	CH2M
	05/09/2012	ND (1.0)	**0.37**	NA	CH2M
	09/05/2012	**1.5**	**1.6**	NA	CH2M
	10/01/2012	ND (1.0)	**1.0**	NA	CH2M
	01/08/2013	ND (1.0)	**0.092**	NA	CH2M
	04/04/2013	ND (1.0)	**0.83**	NA	CH2M
	07/09/2013	ND (1.0)	**0.25**	NA	CH2M
	10/02/2013	**1.4**	**1.4**	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2014	ND (1.0)	**0.13**	NA	CH2M
	07/01/2014	**1.0**	**0.39**	NA	CH2M
	10/07/2014	ND (1.0)	**0.51**	NA	CH2M
	01/20/2015	ND (1.0)	**0.97**	NA	CH2M
	01/20/2015*	ND (1.0)	**0.97**	NA	CH2M
	04/08/2015	ND (1.0)	**0.57**	NA	CH2M
	07/09/2015	ND (1.0)	**0.7**	NA	CH2M
No. of Samples:	25				
25-16	12/09/2010	**2.7**	**2.3**	NA	CH2M
	03/04/2011	**2.4**	**2.6**	NA	CH2M
	05/05/2011	**2.2**	**2.3**	NA	CH2M
	10/24/2011	**2.4**	**2.4**	NA	CH2M
	01/27/2012	**2.1**	**2.2**	NA	CH2M
	05/09/2012	**2.3**	**2.3**	NA	CH2M
	07/17/2012	**2.3**	**2.3**	NA	CH2M
	10/05/2012	**2.1**	**2.2**	NA	CH2M
	07/16/2013	**2.2**	**2.3**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
25-16	06/02/2014	**2.2**	**2.3**	NA	CH2M
	07/07/2014	**2.5**	**2.2**	NA	CH2M
	10/07/2014	**2.7**	**2.5**	NA	CH2M
	01/12/2015	**2.3**	**2.6**	NA	CH2M
	07/10/2015	**2.4**	**2.5**	NA	CH2M
	10/13/2015	**2.7**	**2.5**	NA	Arcadis
	01/05/2016	**2.6**	**2.6**	NA	Arcadis
	04/05/2016	**2.7**	**2.4**	NA	Arcadis
	10/04/2016	**2.6**	**2.5**	NA	Arcadis
	01/10/2017	**2.6**	**2.3**	NA	Arcadis
	10/03/2017	**2.3**	**2.6**	NA	Arcadis
	01/16/2018	**2.5**	**2.5**	NA	Arcadis
	04/03/2018	**2.5**	**2.5**	NA	Arcadis
	07/10/2018	**2.6**	**2.4**	NA	Arcadis
	10/09/2018	**2.5**	**2.5**	NA	Arcadis
	10/09/2018*	**2.2**	**2.4**	NA	Arcadis
	04/02/2019	**2.5**	**2.5**	NA	Arcadis
	07/09/2019	**2.4**	**2.5**	NA	Arcadis
	10/08/2019	**2.3**	**2.4**	NA	Arcadis
	01/14/2020	**2.3**	**2.4**	NA	Arcadis
	04/07/2020	**2.4**	**2.4**	NA	Arcadis
No. of Samples:	30				
25-17	11/04/2010	**2.7**	**3.2**	NA	CH2M
	02/03/2011	**2.5**	**2.6**	NA	CH2M
	04/06/2011	**2.8**	**2.6**	NA	CH2M
	07/08/2011	**2.0**	**2.5**	NA	CH2M
No. of Samples:	4				
25-18	05/16/2012	**1.9**	**2.0**	NA	CH2M
	10/19/2012	**3.1**	**2.2**	NA	CH2M
	04/10/2013	**1.9**	**1.9**	NA	CH2M
No. of Samples:	3				
25-19	07/12/2012	**2.8**	**2.9**	NA	CH2M
No. of Samples:	1				
26-01	02/15/2002	**12.4**	**10.4**	NA	CH2M
	03/27/2002	**18.4**	**13.2**	NA	CH2M
	04/24/2002	**18.7**	**12**	NA	CH2M
	05/22/2002	**10**	**7.5**	NA	CH2M
	06/26/2002	**5.7**	5.2 J	NA	CH2M
	07/23/2002	**6.0**	**4.1**	NA	CH2M
	08/20/2002	**5.8**	ND (0.2)	NA	CH2M
	09/24/2002	**11.5**	**2.2**	NA	CH2M
	10/14/2002	**9.1**	**4.1**	NA	CH2M
	11/12/2002	**8.6**	**7.0**	NA	CH2M
	12/17/2002	**9.6**	**7.2**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-01	01/24/2003	**9.2**	**6.5**	NA	CH2M
	02/20/2003	**11.3**	**6.2**	NA	CH2M
No. of Samples:	13				
26-04	05/24/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	07/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	08/16/2001	**1.7**	**0.55**	ND (10)	ALISTO
	09/26/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	10/24/2001	1.0 J	ND (0.2)	ND (10)	ALISTO
	11/20/2001	1.4 J	ND (0.2)	ND (10)	ALISTO
	12/05/2001	1.6 J	ND (0.2)	ND (10)	ALISTO
	02/15/2002	**2.1**	ND (0.2)	NA	CH2M
	03/28/2002	**4.9**	ND (0.2)	NA	CH2M
	04/24/2002	**3.4**	**0.69**	NA	CH2M
	05/22/2002	ND (1.0)	**0.28**	NA	CH2M
	06/25/2002	**1.3**	**0.83**	NA	CH2M
	07/24/2002	**5.3**	**0.47**	NA	CH2M
	08/14/2002	**1.7**	**0.69**	NA	CH2M
	09/25/2002	**4.1**	**0.34**	NA	CH2M
	10/16/2002	**2.1**	ND (0.2)	NA	CH2M
	11/13/2002	**1.0**	ND (0.2)	NA	CH2M
	12/18/2002	**1.7**	ND (0.2)	NA	CH2M
	01/22/2003	**1.3**	ND (0.2)	NA	CH2M
	02/21/2003	**2.2**	ND (0.2)	NA	CH2M
	04/18/2003	**2.4**	**0.99**	NA	CH2M
	06/07/2005	**8.45**	**5.82**	NA	CH2M
	08/23/2005	**2.33**	**2.56**	NA	CH2M
	10/12/2005	**6.16**	**2.56**	NA	CH2M
	12/05/2005	**4.27**	**3.47**	NA	CH2M
	12/05/2005*	**4.98**	**3.58**	NA	CH2M
	02/20/2006	**10.2**	**9.22**	NA	CH2M
	04/18/2006	**11.7**	**8.67**	NA	CH2M
	04/18/2006*	**12**	**8.63**	NA	CH2M
	06/14/2006	**6.67**	**8.36**	NA	CH2M
	06/14/2006*	**6.84**	**8.22**	NA	CH2M
	08/10/2006	**7.66**	**8.92**	NA	CH2M
	10/17/2006	**5.96**	**5.96**	NA	CH2M
	12/05/2006	**6.43**	**7.22**	NA	CH2M
	02/13/2007	**3.37**	**3.5**	NA	CH2M
	02/25/2011	**13**	**11.3**	NA	CH2M
No. of Samples:	36				
26-05	06/26/2003	**1.2**	**0.97**	NA	CH2M
	08/12/2003	**1.9**	**0.46**	NA	CH2M
	10/28/2003	**1.1**	**0.28**	NA	CH2M
	12/03/2003	**2.7**	ND (0.2)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-05	02/17/2004	**1.6**	ND (0.2 J)	NA	CH2M
	04/26/2004	**1.1**	**0.52**	NA	CH2M
	06/16/2004	ND (1.0)	**0.21**	NA	CH2M
	08/24/2004	**1.43**	ND (0.2)	NA	CH2M
	10/12/2004	ND (1.0)	ND (0.2)	NA	CH2M
	12/09/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2005	**1.2**	ND (0.2)	NA	CH2M
	04/13/2005	ND (1.0)	ND (0.2)	NA	CH2M
	06/07/2005	**1.54**	ND (0.2)	NA	CH2M
	08/23/2005	ND (1.0)	**0.62**	NA	CH2M
	10/12/2005	**1.42**	ND (0.2)	NA	CH2M
	12/05/2005	**1.04**	**0.282**	NA	CH2M
	02/15/2006	**1.36**	ND (0.2)	NA	CH2M
	04/20/2006	ND (1.0)	ND (0.2)	NA	CH2M
	06/13/2006	**1.86**	ND (0.2)	NA	CH2M
	08/17/2006	**1.32**	ND (0.2)	NA	CH2M
	08/17/2006*	ND (1.0)	**0.488**	NA	CH2M
	10/17/2006	ND (1.0)	**0.248**	NA	CH2M
	12/05/2006	**1.5**	**0.909**	NA	CH2M
	02/14/2007	ND (1.0)	**0.447**	NA	CH2M
	02/14/2007*	ND (1.0)	**0.359**	NA	CH2M
	04/11/2007	ND (1.0)	ND (0.2)	NA	CH2M
	06/18/2007	ND (1.0)	**0.493**	NA	CH2M
No. of Samples:	27				
26-07	03/09/2001	ND (20)	NA	NA	ALISTO
	05/24/2001	**11**	**11**	**10**	ALISTO
	07/05/2001	**16**	ND (0.2)	ND (10)	ALISTO
	08/16/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	09/26/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	10/24/2001	4.4 J	ND (0.2)	ND (10)	ALISTO
	11/19/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	01/22/2002	**1.2**	ND (0.2)	NA	CH2M
	04/24/2002	**2.1**	ND (0.2)	NA	CH2M
	05/21/2002	**1.2**	**0.28**	NA	CH2M
	06/25/2002	ND (1.0)	ND (0.2)	NA	CH2M
	06/26/2003	ND (1.0)	**1.1**	NA	CH2M
	08/12/2003	**1.4**	ND (0.2)	NA	CH2M
	10/28/2003	ND (1.0)	**0.21**	NA	CH2M
	12/03/2003	**4.1**	**2.4**	NA	CH2M
	02/17/2004	**27.8**	**22.2**	NA	CH2M
	04/26/2004	ND (1.0)	ND (0.2)	NA	CH2M
	06/16/2004	ND (1.0)	ND (0.2)	NA	CH2M
	06/16/2004*	ND (1.0)	ND (0.2)	NA	CH2M
	08/24/2004	ND (1.0)	ND (0.2)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-07	10/12/2004	ND (1.0)	**0.21**	NA	CH2M
	12/09/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2005	ND (1.0)	ND (0.2)	NA	CH2M
	04/13/2005	ND (1.0)	ND (0.2)	NA	CH2M
	06/07/2005	**1.45**	ND (0.2)	NA	CH2M
	08/23/2005	ND (1.0)	ND (0.2)	NA	CH2M
	10/12/2005	ND (1.0)	ND (0.2)	NA	CH2M
	12/05/2005	ND (1.0)	ND (0.2)	NA	CH2M
	04/20/2006	ND (1.0)	**0.437**	NA	CH2M
No. of Samples:	30				
26-10	03/09/2001	**58**	NA	**63**	ALISTO
	05/25/2001	**44**	**4.1**	**57**	ALISTO
	09/28/2001	**58**	NA	ND (10)	ALISTO
	12/06/2001	**66**	NA	**60**	ALISTO
	02/07/2002	**29.4**	NA	**27**	CH2M
	05/20/2002	**19.1**	NA	**34**	CH2M
No. of Samples:	6				
26-11	03/08/2001	ND (20)	NA	ND (10)	ALISTO
	05/22/2001	**6.4**	**8.2**	ND (10)	ALISTO
	08/16/2001	**5.0**	**1.1**	ND (10)	ALISTO
	09/26/2001	**7.2**	ND (0.2)	ND (10)	ALISTO
	09/26/2001*	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	10/24/2001	**6.0**	0.45 J	ND (10)	ALISTO
	11/19/2001	4.2 J	ND (0.2)	ND (10)	ALISTO
	12/04/2001	**8.2**	ND (0.2)	ND (10)	ALISTO
	12/04/2001*	**5.4**	**1.4**	ND (10)	ALISTO
	01/22/2002	**5.2**	ND (0.2)	NA	CH2M
	02/08/2002	**6.2**	**2.8**	NA	CH2M
	03/26/2002	**7.0**	**0.85**	NA	CH2M
	04/15/2002	**6.4**	**2.1**	NA	CH2M
	05/23/2002	**2.2**	ND (0.2)	NA	CH2M
	06/25/2002	**2.4**	**0.75**	NA	CH2M
	07/24/2002	**7.8**	**0.81**	NA	CH2M
	08/19/2002	**2.0**	ND (0.2)	NA	CH2M
	09/25/2002	**10.3**	**0.57**	NA	CH2M
	10/14/2002	**5.5**	**1.2**	NA	CH2M
	11/12/2002	**1.2**	ND (0.2)	NA	CH2M
	12/16/2002	**2.8**	**0.37**	NA	CH2M
	01/23/2003	**4.5**	**2.7**	NA	CH2M
	02/19/2003	**10.2**	**3.3**	NA	CH2M
	03/27/2003	**6.9**	**1.7**	NA	CH2M
	04/16/2003	**5.9**	**2.2**	NA	CH2M
No. of Samples:	25				
26-15	03/09/2001	ND (20)	NA	ND (10)	ALISTO

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-15	05/22/2001	**3.5**	**3.8**	ND (10)	ALISTO
	09/25/2001	2.9 J	ND (0.2)	ND (10)	ALISTO
	12/04/2001	1.8 J	ND (0.2)	ND (10)	ALISTO
	02/19/2003	**5.9**	ND (0.2)	NA	CH2M
No. of Samples:	5				
26-16	03/08/2001	ND (20)	NA	ND (10)	ALISTO
	05/22/2001	**5.8**	**2.6**	ND (10)	ALISTO
	09/25/2001	**6.5**	ND (0.2)	ND (10)	ALISTO
	12/04/2001	**8.4**	ND (0.2)	ND (10)	ALISTO
	11/12/2002	**1.7**	**0.28**	NA	CH2M
	02/19/2003	**6.2**	ND (0.2)	NA	CH2M
	08/18/2003	**1.6**	ND (0.2)	NA	CH2M
	02/16/2004	**3.7**	ND (0.2)	NA	CH2M
	08/26/2004	**3.14**	ND (0.2)	NA	CH2M
	02/11/2005	**2.3**	ND (0.2)	NA	CH2M
	11/28/2005	**8.4**	ND (0.2)	NA	CH2M
	12/20/2005	**6.06**	**4.33**	NA	CH2M
	01/30/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/22/2006	**3.3**	**1.06**	NA	CH2M
	12/06/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/11/2006	**6.07**	**6.22**	NA	CH2M
	08/22/2007	**15.3**	**15.8**	NA	CH2M
	02/14/2008	**16**	**15.8**	NA	CH2M
	08/13/2008	**15.6**	**14.6**	NA	CH2M
No. of Samples:	19				
26-17	10/12/2004	ND (1.0)	ND (0.2)	NA	CH2M
	10/12/2004*	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	2				
26-18	12/04/2007	**2.52**	**2.49**	NA	CH2M
No. of Samples:	1				
26-19	02/09/2005	**5.97**	**4.02**	NA	CH2M
	12/05/2005	**4.72**	**3.48**	NA	CH2M
	02/16/2006	**7.13**	**4.68**	NA	CH2M
	04/18/2006	**8.58**	**4.04**	NA	CH2M
	06/14/2006	**4.31**	**5.3**	NA	CH2M
	08/09/2006	**4.68**	**5.27**	NA	CH2M
	10/17/2006	**4.2**	**3.63**	NA	CH2M
	12/07/2006	**2.12**	**1.72**	NA	CH2M
	02/14/2007	**3.94**	**3.86**	NA	CH2M
	04/10/2007	**4.91**	**4.03**	NA	CH2M
	06/19/2007	**2.03**	**1.88**	NA	CH2M
	08/16/2007	ND (1.0)	**0.591**	NA	CH2M
	08/16/2007*	ND (1.0)	**0.594**	NA	CH2M
	02/22/2008	**1.33**	ND (0.2)	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	14				
26-22	01/16/2006	ND (1.0)	ND (0.2)	NA	CH2M
	06/08/2006	**1.59**	**0.37**	NA	CH2M
No. of Samples:	2				
26-24	02/15/2002	**6.0**	**4.8**	NA	CH2M
	03/27/2002	**10.5**	**5.3**	NA	CH2M
	04/24/2002	**8.1**	**4.0**	NA	CH2M
	05/22/2002	**5.8**	**5.2**	NA	CH2M
	06/26/2002	**7.8**	7.9 J	NA	CH2M
	07/25/2002	**8.4**	**8.1**	NA	CH2M
	08/20/2002	**12.3**	**7.5**	NA	CH2M
	09/24/2002	**16**	**11.9**	NA	CH2M
	10/14/2002	**15.6**	**11.9**	NA	CH2M
	11/12/2002	**15**	**13.1**	NA	CH2M
	12/17/2002	**15.5**	**13.1**	NA	CH2M
No. of Samples:	11				
26-25	03/09/2001	**63**	NA	NA	ALISTO
	05/25/2001	2.5 J	ND (0.2)	ND (10)	ALISTO
	09/28/2001	2.7 J	ND (0.2)	ND (10)	ALISTO
	12/06/2001	3.1 J	ND (0.2)	ND (10)	ALISTO
	02/07/2002	ND (1.0)	NA	ND (10)	CH2M
	05/20/2002	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	6				
26-27	03/08/2001	19 J	NA	**22**	ALISTO
	05/22/2001	**6.2**	**9.1**	ND (10)	ALISTO
	09/25/2001	**5.3**	ND (0.2)	ND (10)	ALISTO
	12/04/2001	**8.1**	**1.5**	ND (10)	ALISTO
	02/08/2002	**6.8**	**2.9**	NA	CH2M
	05/23/2002	**2.9**	**1.5**	NA	CH2M
	08/19/2002	**3.6**	ND (0.2)	NA	CH2M
	11/12/2002	**3.9**	**1.7**	NA	CH2M
	02/19/2003	**7.4**	ND (0.2)	NA	CH2M
	08/20/2003	**1.4**	ND (0.2)	NA	CH2M
	02/23/2004	**3.7**	ND (0.2)	NA	CH2M
	08/26/2004	**3.61**	ND (0.2)	NA	CH2M
	02/10/2005	**1.72**	ND (0.2)	NA	CH2M
No. of Samples:	13				
26-28	03/08/2001	11 J	NA	**10**	ALISTO
	05/22/2001	**9.4**	**13**	ND (10)	ALISTO
	09/25/2001	**11**	**6.5**	ND (10)	ALISTO
	09/25/2001*	**11**	**7.0**	ND (10)	ALISTO
	12/04/2001	**10**	**2.8**	ND (10)	ALISTO
	12/04/2001*	**6.9**	**2.7**	ND (10)	ALISTO
No. of Samples:	6				

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-29	03/08/2001	ND (20)	NA	ND (10)	ALISTO
	05/22/2001	2.5 J	**4.6**	ND (10)	ALISTO
	09/25/2001	1.5 J	ND (0.2)	ND (10)	ALISTO
	12/04/2001	**8.6**	ND (0.2)	ND (10)	ALISTO
	08/19/2002	**4.0**	ND (0.2)	NA	CH2M
	08/20/2003	**1.1**	ND (0.2)	NA	CH2M
	02/16/2004	**4.0**	ND (0.2)	NA	CH2M
	08/26/2004	**4.98**	ND (0.2)	NA	CH2M
	02/10/2005	**1.3**	ND (0.2)	NA	CH2M
No. of Samples:	9				
26-31	02/15/2002	**31**	**33**	NA	CH2M
	03/27/2002	**51.2**	**43.2**	NA	CH2M
	04/24/2002	**26.8**	**31.2**	NA	CH2M
	04/24/2002*	**32.1**	**30.3**	NA	CH2M
	05/22/2002	**121**	**107**	NA	CH2M
	06/26/2002	ND (1.0)	0.35 J	NA	CH2M
	06/26/2002*	**1.3**	0.38 J	NA	CH2M
	07/23/2002	**11.8**	**12.9**	NA	CH2M
	08/20/2002	**17**	**9.0**	NA	CH2M
	09/24/2002	**72.9**	**64.1**	NA	CH2M
	10/14/2002	**22.2**	**17.5**	NA	CH2M
	10/14/2002*	**21.9**	**16.7**	NA	CH2M
	11/12/2002	**24.6**	**25.4**	NA	CH2M
	12/17/2002	**295**	**112**	NA	CH2M
	01/24/2003	**41.3**	**33.1**	NA	CH2M
	01/24/2003*	**35.3**	**29.8**	NA	CH2M
	02/20/2003	**38.4**	**34.8**	NA	CH2M
	02/20/2003*	**36.5**	**34**	NA	CH2M
No. of Samples:	18				
26-32	02/15/2002	**13.9**	**6.1**	NA	CH2M
	03/27/2002	**30.5**	**18.4**	NA	CH2M
	04/24/2002	**18.2**	**16.9**	NA	CH2M
	05/22/2002	**15.6**	**14.9**	NA	CH2M
	06/26/2002	**1.4**	0.66 J	NA	CH2M
	07/23/2002	**39.1**	**37.2**	NA	CH2M
	08/20/2002	**23.8**	**16.8**	NA	CH2M
	08/20/2002*	**23.8**	**17.4**	NA	CH2M
	09/24/2002	**20.1**	**13.3**	NA	CH2M
	10/14/2002	**21.6**	**15.3**	NA	CH2M
	11/12/2002	**17**	**15.3**	NA	CH2M
	11/12/2002*	**16.7**	**15.1**	NA	CH2M
	12/17/2002	**27.7**	**24.9**	NA	CH2M
	01/24/2003	**51.7**	**49.4**	NA	CH2M
	02/20/2003	**48.3**	**44.2**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	15				
26-33	05/24/2001	**6.8**	**6.4**	ND (10)	ALISTO
	08/16/2001	**3.1**	**1.6**	ND (10)	ALISTO
	09/27/2001	**5.5**	**4.3**	ND (10)	ALISTO
	10/25/2001	**5.3**	**2.7**	ND (10)	ALISTO
	11/19/2001	**6.8**	**6.0**	ND (10)	ALISTO
	12/13/2001	**6.5**	**3.2**	ND (10)	ALISTO
	01/24/2002	**7.6**	**4.8**	NA	CH2M
	02/15/2002	**18.5**	**19.8**	NA	CH2M
	03/27/2002	**27.2**	**0.76**	NA	CH2M
	03/27/2002*	**30.1**	**1.0**	NA	CH2M
	04/24/2002	**22.5**	**21.5**	NA	CH2M
	05/22/2002	**10.3**	**3.1**	NA	CH2M
	06/26/2002	**6.5**	5.2 J	NA	CH2M
	07/25/2002	**15.2**	**13.2**	NA	CH2M
	08/20/2002	**22.1**	**15.8**	NA	CH2M
	09/24/2002	**12.3**	**4.7**	NA	CH2M
	10/14/2002	**17.8**	**11.6**	NA	CH2M
	11/12/2002	**19.2**	**17.2**	NA	CH2M
	12/17/2002	**3.5**	**1.5**	NA	CH2M
	01/24/2003	**3.4**	**0.36**	NA	CH2M
	02/20/2003	**4.3**	**1.6**	NA	CH2M
	03/27/2003	**6.4**	**2.7**	NA	CH2M
	03/27/2003*	**7.0**	**2.8**	NA	CH2M
	04/17/2003	**4.6**	**0.84**	NA	CH2M
	06/25/2003	**8.0**	**4.4**	NA	CH2M
	06/25/2003*	**11.7**	**5.4**	NA	CH2M
	08/13/2003	**5.6**	**3.9**	NA	CH2M
	08/25/2003	**24.2**	**24**	NA	CH2M
	08/28/2003	**24.1**	**21.4**	NA	CH2M
	10/27/2003	**14.8**	**12**	NA	CH2M
	12/03/2003	**20.5**	**16.9**	NA	CH2M
	12/03/2003*	**23.8**	**16.2**	NA	CH2M
	02/20/2004	**20.3**	**16.1**	NA	CH2M
	04/28/2004	18.1 J	23.1 J	NA	CH2M
	04/28/2004*	17 J	25.8 J	NA	CH2M
	02/06/2013	**15**	**15**	NA	CH2M
	03/12/2013	**17**	**17**	NA	CH2M
	04/01/2013	**12**	**14**	NA	CH2M
No. of Samples:	38				
26-37	04/10/2008	**3.39**	**3.56**	NA	CH2M
	06/10/2008	**3.94**	**4.04**	NA	CH2M
	06/10/2008*	**4.32**	**4.28**	NA	CH2M
	08/06/2008	**4.01**	**4.3**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-37	11/06/2008	**3.61**	**3.98**	NA	CH2M
	02/10/2009	**3.33**	**3.52**	NA	CH2M
	05/13/2009	**3.75**	**3.62**	NA	CH2M
	08/04/2009	**4.43**	**4.03**	NA	CH2M
	08/04/2009*	**4.11**	**4.03**	NA	CH2M
	11/13/2009	**3.58**	**3.67**	NA	CH2M
	11/13/2009*	**3.54**	**3.67**	NA	CH2M
	02/16/2010	**3.78**	**4.22**	NA	CH2M
No. of Samples:	12				
26-44	05/25/2001	**3.1**	**3.9**	ND (10)	ALISTO
	08/16/2001	**2.9**	**2.7**	ND (10)	ALISTO
	09/27/2001	2.9 J	1.8 J	ND (10)	ALISTO
	10/24/2001	**5.6**	**1.3**	ND (10)	ALISTO
	11/19/2001	2.5 J	1.9 J	ND (10)	ALISTO
	12/05/2001	2.3 J	2.1 J	ND (10)	ALISTO
	01/24/2002	**7.9**	**1.1**	NA	CH2M
	01/24/2002*	**3.9**	**0.95**	NA	CH2M
	02/15/2002	**3.8**	**2.7**	NA	CH2M
	03/27/2002	**4.3**	**1.8**	NA	CH2M
	04/15/2002	**3.2**	**1.1**	NA	CH2M
	05/22/2002	**2.1**	**0.3**	NA	CH2M
	06/26/2002	**3.6**	3.3 J	NA	CH2M
	07/23/2002	**2.1**	**2.1**	NA	CH2M
	08/15/2002	**5.1**	**3.7**	NA	CH2M
	09/25/2002	**5.3**	**3.6**	NA	CH2M
	10/16/2002	**5.1**	**3.0**	NA	CH2M
	11/14/2002	**3.0**	**2.5**	NA	CH2M
	12/18/2002	**4.1**	**3.1**	NA	CH2M
	01/22/2003	**1.4**	**0.68**	NA	CH2M
	02/21/2003	**2.3**	**0.9**	NA	CH2M
	03/28/2003	**2.8**	**0.96**	NA	CH2M
	04/18/2003	**1.3**	**0.43**	NA	CH2M
	06/26/2003	**1.1**	**0.48**	NA	CH2M
	08/24/2004	**2.3**	**1.78**	NA	CH2M
	10/12/2004	**2.72**	**2.59**	NA	CH2M
	12/09/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2005	**2.84**	**1.68**	NA	CH2M
	04/15/2005	ND (1.0)	ND (0.2)	NA	CH2M
	06/08/2005	**2.2**	**0.748**	NA	CH2M
	08/23/2005	ND (1.0)	ND (0.2)	NA	CH2M
	10/12/2005	**1.79**	ND (0.2)	NA	CH2M
	12/08/2005	**1.71**	**1.38**	NA	CH2M
	02/14/2006	**1.29**	**0.521**	NA	CH2M
	02/16/2006	**1.47**	**1.23**	NA	CH2M
	04/18/2006	**3.43**	**0.885**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-44	06/08/2006	**1.39**	**0.242**	NA	CH2M
	08/15/2006	ND (1.0)	**0.584**	NA	CH2M
	10/18/2006	**1.62**	**1.83**	NA	CH2M
	12/07/2006	ND (1.0)	**0.592**	NA	CH2M
	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/13/2007	**1.01**	**1.38**	NA	CH2M
	06/19/2007	ND (1.0)	**0.378**	NA	CH2M
	08/22/2007	ND (1.0)	**0.235**	NA	CH2M
	10/18/2007	**1.36**	**1.66**	NA	CH2M
	12/05/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/13/2008	ND (1.0)	ND (0.2)	NA	CH2M
	04/08/2008	ND (1.0)	**0.229**	NA	CH2M
	06/09/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/06/2008	ND (1.0)	**0.29**	NA	CH2M
	11/06/2008*	ND (1.0)	**0.28**	NA	CH2M
	02/05/2009	**1.9**	**2.07**	NA	CH2M
	05/13/2009	ND (1.0)	**0.71**	NA	CH2M
	08/04/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/13/2009	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	56				
26-49	05/31/2006	**4.49**	**2.88**	NA	CH2M
	05/31/2006*	**3.29**	**2.91**	NA	CH2M
	04/01/2010	**1.96**	**2.29**	NA	CH2M
	08/06/2010	**2.4**	**2.8**	NA	CH2M
	10/27/2010	**3.2**	**3.5**	NA	CH2M
	10/27/2010*	**3.4**	**3.4**	NA	CH2M
	01/24/2011	**4.3**	**4.0**	NA	CH2M
	01/24/2011*	**4.6**	**4.0**	NA	CH2M
	04/06/2011	**4.4**	**4.2**	NA	CH2M
	07/08/2011	**4.0**	**4.6**	NA	CH2M
No. of Samples:	10				
26-50	05/31/2006	**5.44**	**3.73**	NA	CH2M
	04/01/2010	**4.32**	**4.67**	NA	CH2M
	04/13/2010	**3.72**	**3.71**	NA	CH2M
	08/04/2010	**3.3**	**3.7**	NA	CH2M
	08/04/2010*	**3.4**	**3.8**	NA	CH2M
	01/26/2011	**4.1**	**4.1**	NA	CH2M
	04/06/2011	**2.6**	**2.4**	NA	CH2M
No. of Samples:	7				
26-54	10/12/2004	**1.34**	ND (0.2)	NA	CH2M
No. of Samples:	1				
26-55	09/25/2002	**4.9**	**0.39**	NA	CH2M
	09/25/2002*	**6.1**	**0.33**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	2				
26-63	04/24/2002	**3.4**	ND (0.2)	NA	CH2M
	05/22/2002	**1.3**	ND (0.2)	NA	CH2M
	05/22/2002*	ND (1.0)	ND (0.2)	NA	CH2M
	06/26/2002	ND (1.0)	ND (0.2)	NA	CH2M
	07/25/2002	**1.8**	ND (0.2)	NA	CH2M
	08/20/2002	**2.4**	ND (0.2)	NA	CH2M
	09/24/2002	**3.9**	ND (0.2)	NA	CH2M
	10/14/2002	**2.0**	ND (0.2)	NA	CH2M
	11/12/2002	**1.1**	ND (0.2)	NA	CH2M
	03/27/2003	**3.1**	ND (0.2)	NA	CH2M
	04/17/2003	**3.0**	ND (0.2)	NA	CH2M
	08/13/2003	**1.4**	**0.2**	NA	CH2M
No. of Samples:	12				
26-65	07/17/2003	**4.0**	ND (0.2)	NA	CH2M
	07/22/2003	**5.0**	ND (0.2)	NA	CH2M
	02/11/2005	**1.07**	ND (0.2)	NA	CH2M
	08/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	10/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/05/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2008*	ND (1.0)	ND (0.2)	NA	CH2M
	04/09/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/09/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/05/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/07/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2009*	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2009*	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2010	ND (1.0)	ND (0.2)	NA	CH2M
	09/30/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/29/2010	ND (1.0)	ND (0.2)	NA	CH2M
	12/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/12/2011	ND (1.0)	ND (0.2)	NA	CH2M
	03/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	03/16/2011	ND (1.1)	ND (0.2)	NA	CH2M
	04/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	06/06/2011	ND (1.0)	ND (0.2)	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-65	07/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/18/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/13/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/07/2011	ND (1.0)	**0.11**	NA	CH2M
	01/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	02/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	03/28/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/15/2012	ND (1.0)	ND (0.06)	NA	CH2M
	06/14/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	08/06/2012	ND (1.0)	**0.11**	NA	CH2M
	09/05/2012	ND (1.0)	**0.076**	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	11/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
	12/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	02/21/2013	ND (1.0)	ND (0.06)	NA	CH2M
	03/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	05/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	06/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	08/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	09/11/2013	ND (1.0)	**0.26**	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	12/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	02/05/2014	ND (1.0)	ND (0.06)	NA	CH2M
	03/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	05/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014	ND (1.0)	**0.09**	NA	CH2M
	05/06/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/05/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/05/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	07/06/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	10/03/2016	ND (1.0)	ND (0.06)	NA	Arcadis

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-65	01/10/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/10/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	10/03/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/16/2018	ND (1.0)	ND (0.12)	NA	Arcadis
	04/03/2018	ND (1.0)	ND (0.12)	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	01/16/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/02/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	07/08/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	01/15/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	04/09/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	04/09/2020*	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	90				
26-66	10/15/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2005	ND (1.0)	ND (0.2)	NA	CH2M
	04/14/2005	ND (1.0)	ND (0.2)	NA	CH2M
	06/07/2005	**1.39**	ND (0.2)	NA	CH2M
	08/23/2005	**2.2**	ND (0.2)	NA	CH2M
	02/15/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/13/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/10/2007	ND (1.0)	ND (0.2)	NA	CH2M
	06/18/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	10/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/05/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2008	ND (1.0)	ND (0.2)	NA	CH2M
	04/09/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/09/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/16/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2010	ND (1.0)	ND (0.2)	NA	CH2M
	09/30/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/29/2010	**1.5**	ND (0.2)	NA	CH2M
	12/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/12/2011	ND (1.0)	ND (0.2)	NA	CH2M
	03/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	03/03/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	03/16/2011	ND (1.1)	ND (0.2)	NA	CH2M
	04/06/2011	ND (1.0)	ND (0.2)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-66	04/06/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	05/10/2011	**1.4**	ND (0.2)	NA	CH2M
	06/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/18/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/13/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/07/2011	ND (1.0)	**0.071**	NA	CH2M
	01/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	02/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	03/28/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/15/2012	ND (1.0)	ND (0.06)	NA	CH2M
	06/14/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	08/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	09/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	11/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
	12/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	02/20/2013	ND (1.0)	ND (0.06)	NA	CH2M
	03/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	05/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	06/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	08/01/2013	ND (1.0)	**0.2**	NA	CH2M
	09/11/2013	ND (1.0)	**0.33**	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	**0.34**	NA	CH2M
	12/10/2013	ND (1.0)	**0.21**	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	02/05/2014	ND (1.0)	ND (0.06)	NA	CH2M
	03/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2014	ND (1.0)	ND (0.06)	NA	CH2M
	05/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2015	ND (1.0)	**0.57**	NA	Arcadis
	01/06/2016	ND (1.0)	**0.3**	NA	Arcadis
	04/05/2016	ND (1.0)	**0.49**	NA	Arcadis
	07/06/2016	ND (1.0)	**0.37**	NA	Arcadis
	10/03/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/10/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2017	ND (1.0)	ND (0.06)	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
26-66	07/11/2017	ND (1.0)	ND (0.15)	NA	Arcadis
	10/03/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/16/2018	ND (1.0)	**0.26**	NA	Arcadis
	04/03/2018	ND (1.0)	**0.11**	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2018	ND (1.0)	**0.3**	NA	Arcadis
	01/16/2019	ND (1.0)	**0.38**	NA	Arcadis
	04/02/2019	ND (1.0)	**0.068**	NA	Arcadis
	07/08/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	01/15/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	04/09/2020	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	86				
27-02	02/02/2006	ND (1.0)	ND (1.0)	NA	CH2M
	08/14/2007	**1.18**	**1.18**	NA	CH2M
	11/03/2009	**1.59**	**1.56**	NA	CH2M
	01/05/2011	**1.7**	**1.9**	NA	CH2M
	07/07/2011	**2.2**	**1.8**	NA	CH2M
	10/06/2011	**2.0**	**2.0**	NA	CH2M
	01/09/2012	**1.7**	**1.6**	NA	CH2M
No. of Samples:	7				
27-03	08/24/2004	**2.34**	**1.4**	NA	CH2M
	05/31/2006	**2.95**	**2.22**	NA	CH2M
	07/27/2006	**2.38**	**2.17**	NA	CH2M
	06/19/2007	**2.11**	**2.29**	NA	CH2M
	08/15/2007	**2.14**	**2.24**	NA	CH2M
	08/15/2007*	**2.37**	**2.23**	NA	CH2M
	10/18/2007	**2.06**	**2.31**	NA	CH2M
	12/04/2007	**2.17**	**2.3**	NA	CH2M
	02/12/2008	**2.44**	**2.3**	NA	CH2M
	04/08/2008	**2.2**	**2.25**	NA	CH2M
	04/08/2008*	**2.18**	**2.22**	NA	CH2M
	06/10/2008	**2.14**	**2.17**	NA	CH2M
	08/05/2008	**1.98**	**2.1**	NA	CH2M
	08/05/2008*	**1.95**	**2.16**	NA	CH2M
	11/06/2008	**1.87**	**2.23**	NA	CH2M
	02/09/2009	**1.9**	**2.16**	NA	CH2M
	02/09/2009*	**2.05**	**2.17**	NA	CH2M
	05/13/2009	**2.15**	**2.16**	NA	CH2M
	08/10/2009	**2.35**	**2.39**	NA	CH2M
	11/12/2009	**2.04**	**1.67**	NA	CH2M
	02/16/2010	**2.86**	**2.31**	NA	CH2M
	05/12/2010	**1.5**	2.0 J	NA	CH2M
	08/04/2010	**2.0**	**1.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-03	11/01/2010	**2.4**	**2.2**	NA	CH2M
	11/01/2010*	**2.3**	**2.1**	NA	CH2M
	01/24/2011	**2.0**	**2.3**	NA	CH2M
	01/24/2011*	**2.3**	**2.1**	NA	CH2M
	04/05/2011	**2.3**	**2.2**	NA	CH2M
	07/07/2011	**2.0**	**2.2**	NA	CH2M
	10/07/2011	**2.3**	**2.2**	NA	CH2M
	10/07/2011*	**2.4**	**2.2**	NA	CH2M
	01/05/2012	**1.9**	**2.0**	NA	CH2M
	04/11/2012	**1.7**	**2.0**	NA	CH2M
	07/12/2012	**1.9**	**1.8**	NA	CH2M
	10/08/2012	**1.9**	**2.1**	NA	CH2M
	01/08/2013	**2.0**	**2.0**	NA	CH2M
	04/04/2013	**2.2**	**2.0**	NA	CH2M
	07/08/2013	**1.8**	**2.0**	NA	CH2M
	10/17/2013	ND (1.0)	**0.15**	NA	CH2M
	11/06/2013	**1.6**	**1.6**	NA	CH2M
	12/04/2013	**1.8**	**1.8**	NA	CH2M
	12/05/2013	**1.6**	**1.8**	NA	CH2M
	12/06/2013	**1.6**	**1.9**	NA	CH2M
	12/10/2013	**1.7**	**1.9**	NA	CH2M
	12/11/2013	**1.9**	**1.9**	NA	CH2M
	12/12/2013	**1.8**	**2.0**	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	47				
27-04	07/05/2001	**3.4**	ND (0.2)	ND (10)	ALISTO
	08/16/2001	**1.3**	ND (0.2)	ND (10)	ALISTO
	09/27/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	10/25/2001	1.5 J	ND (0.2)	ND (10)	ALISTO
	11/19/2001	2.0 J	ND (0.2)	ND (10)	ALISTO
	12/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	01/24/2002	**2.2**	ND (0.2)	NA	CH2M
	02/13/2002	**2.3**	ND (0.2)	NA	CH2M
	03/26/2002	**1.3**	ND (0.2)	NA	CH2M
	04/15/2002	**2.1**	ND (0.2)	NA	CH2M
	05/20/2002	**2.0**	ND (0.2)	NA	CH2M
	06/25/2002	ND (1.0)	ND (0.2)	NA	CH2M
	07/23/2002	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2002	**1.2**	ND (0.2)	NA	CH2M
	09/25/2002	**1.7**	ND (0.2)	NA	CH2M
	10/15/2002	**1.6**	ND (0.2)	NA	CH2M
	11/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	12/18/2002	**1.2**	ND (0.2)	NA	CH2M
	01/22/2003	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2003	**1.6**	ND (0.2)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	20				
27-07	02/02/2006	**1.54**	**1.67**	NA	CH2M
	08/14/2007	**1.25**	**1.34**	NA	CH2M
	11/03/2009	**2.04**	**1.87**	NA	CH2M
	01/05/2011	**1.5**	**1.6**	NA	CH2M
	04/05/2011	**1.5**	**1.5**	NA	CH2M
	07/07/2011	**1.5**	**1.3**	NA	CH2M
	10/06/2011	**1.6**	**1.5**	NA	CH2M
	01/09/2012	ND (1.0)	**0.95**	NA	CH2M
	01/09/2012*	**1.1**	**1.0**	NA	CH2M
	07/17/2012	**1.2**	**1.2**	NA	CH2M
No. of Samples:	10				
27-08	09/14/2006	**1.86**	**1.98**	NA	CH2M
	09/14/2006*	**1.62**	**1.92**	NA	CH2M
	12/07/2006	**1.82**	**1.8**	NA	CH2M
	02/15/2007	**2.08**	**1.82**	NA	CH2M
	04/13/2007	**1.37**	**1.44**	NA	CH2M
	06/20/2007	**1.89**	**1.88**	NA	CH2M
	08/16/2007	**1.66**	**1.62**	NA	CH2M
	10/15/2007	**1.25**	**0.855**	NA	CH2M
	12/07/2007	ND (1.0)	**0.786**	NA	CH2M
	02/13/2008	ND (1.0)	**0.382**	NA	CH2M
	04/10/2008	ND (1.0)	**0.566**	NA	CH2M
	06/12/2008	**1.24**	**0.93**	NA	CH2M
	08/06/2008	1.34 J	**1.46**	NA	CH2M
	08/06/2008*	**1.24**	**1.46**	NA	CH2M
	11/06/2008	ND (1.0)	**1.06**	NA	CH2M
	02/05/2009	**1.15**	**0.979**	NA	CH2M
	05/14/2009	**1.12**	**1.14**	NA	CH2M
	05/14/2009*	**1.22**	**1.12**	NA	CH2M
	08/06/2009	**1.37**	**1.11**	NA	CH2M
	11/12/2009	**1.21**	**0.89**	NA	CH2M
	02/11/2010	ND (1.0)	**0.8**	NA	CH2M
	05/13/2010	**1.4**	**1.3**	NA	CH2M
	08/05/2010	**1.3**	**1.5**	NA	CH2M
	10/28/2010	1.7 J	2.7 J	NA	CH2M
	01/21/2011	**1.3**	**0.76**	NA	CH2M
	02/07/2011	**1.2**	**1.1**	NA	CH2M
	03/08/2011	**1.4**	**1.5**	NA	CH2M
	04/07/2011	**1.9**	**1.9**	NA	CH2M
	05/11/2011	**1.4**	**1.2**	NA	CH2M
	06/07/2011	**1.4**	**1.6**	NA	CH2M
	07/07/2011	**1.2**	**1.5**	NA	CH2M
	08/17/2011	**1.4**	**1.5**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-08	09/13/2011	**1.6**	**1.5**	NA	CH2M
	09/13/2011*	**2.0**	**1.5**	NA	CH2M
	10/04/2011	**1.5**	**0.81**	NA	CH2M
	11/14/2011	**1.3**	**1.3**	NA	CH2M
	01/03/2012	ND (1.0)	**0.65**	NA	CH2M
	02/24/2012	**1.1**	**1.4**	NA	CH2M
	03/28/2012	**1.3**	**1.4**	NA	CH2M
	04/16/2012	**1.1**	**1.3**	NA	CH2M
	05/16/2012	**1.3**	**1.4**	NA	CH2M
	06/14/2012	**1.3**	**1.5**	NA	CH2M
	07/12/2012	**1.2**	**1.4**	NA	CH2M
	08/09/2012	**1.1**	**1.7**	NA	CH2M
	09/06/2012	**1.4**	**1.6**	NA	CH2M
	10/02/2012	**1.4**	**1.4**	NA	CH2M
	11/08/2012	**1.2**	**1.2**	NA	CH2M
	12/04/2012	**1.2**	**1.1**	NA	CH2M
	01/08/2013	ND (1.0)	**0.8**	NA	CH2M
	02/20/2013	ND (1.0)	**1.0**	NA	CH2M
	03/12/2013	**1.7**	**1.3**	NA	CH2M
	04/02/2013	**1.2**	**1.5**	NA	CH2M
	04/02/2013*	**1.3**	**1.5**	NA	CH2M
No. of Samples:	53				
27-10	02/20/2006	**8.98**	**8.6**	NA	CH2M
	08/16/2006	**23.1**	**24.7**	NA	CH2M
	02/20/2007	**23.2**	**25.4**	NA	CH2M
	08/21/2007	**16.8**	**17.4**	NA	CH2M
	02/14/2008	**26.4**	**20.6**	NA	CH2M
	08/13/2008	**15.2**	**13.3**	NA	CH2M
No. of Samples:	6				
27-11	10/13/2004	**1.72**	**1.3**	NA	CH2M
	01/16/2006	ND (1.0)	**0.518**	NA	CH2M
	08/10/2006	**1.75**	**2.0**	NA	CH2M
No. of Samples:	3				
27-12	04/15/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/16/2006	ND (1.0)	ND (0.2)	NA	CH2M
	06/13/2006	**1.32**	ND (0.2)	NA	CH2M
	08/10/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/17/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/05/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	7				
27-16	09/14/2006	**1.15**	**1.22**	NA	CH2M
	03/03/2011	**1.2**	**1.4**	NA	CH2M
	04/05/2011	**1.8**	**1.5**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-16	07/07/2011	**1.4**	**1.5**	NA	CH2M
	10/07/2011	**1.5**	**1.2**	NA	CH2M
	01/10/2012	**1.2**	**1.4**	NA	CH2M
	04/12/2012	**1.2**	**1.4**	NA	CH2M
	07/10/2012	**1.2**	**1.3**	NA	CH2M
	10/08/2012	**1.2**	**1.3**	NA	CH2M
	01/10/2013	**1.3**	**1.4**	NA	CH2M
	04/02/2013	**1.2**	**1.4**	NA	CH2M
	07/03/2013	**1.1**	**1.2**	NA	CH2M
	10/03/2013	**1.0**	**1.2**	NA	CH2M
	10/03/2013*	**1.1**	**1.2**	NA	CH2M
	01/09/2014	**1.3**	**1.3**	NA	CH2M
	04/02/2014	**1.2**	**1.4**	NA	CH2M
	07/09/2014	**1.2**	**1.2**	NA	CH2M
	10/13/2014	**1.0**	**1.1**	NA	CH2M
	01/13/2015	**1.1**	**1.2**	NA	CH2M
	04/09/2015	**1.2**	**1.3**	NA	CH2M
	04/09/2015*	**1.2**	**1.3**	NA	CH2M
	07/10/2015	**1.2**	**1.3**	NA	CH2M
	10/14/2015	**1.2**	**1.3**	NA	Arcadis
	01/07/2016	**1.3**	**1.3**	NA	Arcadis
	04/07/2016	**1.4**	**1.3**	NA	Arcadis
	04/07/2016*	**1.3**	**1.2**	NA	Arcadis
	07/11/2016	**1.3**	**1.4**	NA	Arcadis
	10/07/2016	**1.4**	**1.3**	NA	Arcadis
	01/13/2017	ND (1.0)	**0.55**	NA	Arcadis
	04/07/2017	ND (1.0)	**0.49**	NA	Arcadis
	07/14/2017	**1.2**	**1.4**	NA	Arcadis
	10/06/2017	**1.0**	**0.72**	NA	Arcadis
	01/19/2018	ND (1.0)	**0.28**	NA	Arcadis
	04/06/2018	ND (1.0)	**0.35**	NA	Arcadis
	07/13/2018	**1.3**	**1.2**	NA	Arcadis
	07/13/2018*	**1.3**	**1.2**	NA	Arcadis
	10/12/2018	ND (1.0)	**0.73**	NA	Arcadis
	02/14/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/05/2019	ND (1.0)	0.19 J	NA	Arcadis
	07/11/2019	**1.0**	**1.0**	NA	Arcadis
	07/11/2019*	ND (1.0)	**1.0**	NA	Arcadis
	10/11/2019	ND (1.0)	**0.28**	NA	Arcadis
	01/17/2020	**1.2**	**1.2**	NA	Arcadis
	04/10/2020	**1.3**	**1.3**	NA	Arcadis
No. of Samples:	44				
27-18	04/09/2008	**1.51**	**1.03**	NA	CH2M
	03/04/2011	ND (1.0)	**0.91**	NA	CH2M
	04/05/2011	**1.4**	**1.2**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-18	07/07/2011	ND (1.0)	**1.1**	NA	CH2M
	10/06/2011	**1.2**	**1.1**	NA	CH2M
	01/10/2012	ND (1.0)	**0.35**	NA	CH2M
	04/27/2012	ND (1.0)	**0.99**	NA	CH2M
	07/11/2012	ND (1.0)	**0.89**	NA	CH2M
	07/11/2012*	ND (1.0)	**0.91**	NA	CH2M
	10/04/2012	**1.1**	**1.1**	NA	CH2M
	01/10/2013	ND (1.0)	**0.84**	NA	CH2M
	04/02/2013	ND (1.0)	**0.94**	NA	CH2M
	07/10/2013	ND (1.0)	**0.87**	NA	CH2M
	07/10/2013*	ND (1.0)	**0.89**	NA	CH2M
No. of Samples:	14				
27-19	02/09/2005	**1.72**	**0.71**	NA	CH2M
	02/20/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/11/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	5				
27-20	02/09/2005	**2.59**	**1.63**	NA	CH2M
	02/20/2006	**11.1**	**11.1**	NA	CH2M
	04/18/2006	**1.43**	ND (0.2)	NA	CH2M
	06/13/2006	**12.8**	**10.2**	NA	CH2M
	08/10/2006	**2.78**	**2.79**	NA	CH2M
	10/17/2006	**4.45**	**4.71**	NA	CH2M
	12/07/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	8				
27-21	06/09/2005	**2.29**	**2.48**	NA	CH2M
	05/31/2006	**2.77**	**2.09**	NA	CH2M
	08/13/2010	**2.0**	**2.4**	NA	CH2M
	10/26/2010	**1.9**	**2.3**	NA	CH2M
	01/24/2011	**1.9**	**1.8**	NA	CH2M
	04/04/2011	**2.9**	**2.1**	NA	CH2M
	10/04/2011	**2.2**	**1.8**	NA	CH2M
No. of Samples:	7				
27-22	07/22/2005	**2.53**	ND (0.2 J)	NA	CH2M
	08/25/2005	**2.57**	**0.512**	NA	CH2M
	02/16/2006	**1.69**	ND (1.0)	NA	CH2M
	08/10/2006	ND (1.0)	**0.255**	NA	CH2M
	02/15/2007	ND (1.0)	**0.264**	NA	CH2M
	08/21/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/18/2008	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	7				
27-25	01/16/2006	**35.8**	**35.9**	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-25	01/30/2006	**33.1**	**37**	NA	CH2M
	02/21/2006	**31.4**	**32.7**	NA	CH2M
	04/18/2006	**26.9**	**27.4**	NA	CH2M
	06/13/2006	**26.1**	**22**	NA	CH2M
	08/15/2006	**19.7**	**20**	NA	CH2M
	10/09/2006	**29.4**	**30.4**	NA	CH2M
	10/09/2006*	**25.4**	**30.9**	NA	CH2M
	10/19/2006	**13.7**	**16.5**	NA	CH2M
	12/05/2006	**17.3**	**20.3**	NA	CH2M
	02/23/2007	**27.4**	**27.4**	NA	CH2M
	04/19/2007	**24.5**	**25.1**	NA	CH2M
	06/20/2007	**26.2**	**28**	NA	CH2M
	08/21/2007	**16.9**	**17.2**	NA	CH2M
	10/18/2007	**24**	**25.4**	NA	CH2M
	12/05/2007	**22.1**	**26**	NA	CH2M
	02/14/2008	**19**	**18.5**	NA	CH2M
	04/11/2008	**13**	**17.9**	NA	CH2M
	04/11/2008*	**12.8**	**15**	NA	CH2M
	06/11/2008	**9.28**	**9.57**	NA	CH2M
	08/13/2008	**15.3**	**10.2**	NA	CH2M
	11/07/2008	**6.89**	**7.69**	NA	CH2M
	02/05/2009	**20.3**	**18.4**	NA	CH2M
	05/15/2009	**4.82**	**5.33**	NA	CH2M
No. of Samples:	24				
27-26	01/16/2006	**2.36**	**2.06**	NA	CH2M
	11/03/2009	**1.75**	**1.79**	NA	CH2M
	03/04/2011	**1.5**	**2.0**	NA	CH2M
	04/05/2011	**2.3**	**1.9**	NA	CH2M
	07/07/2011	**1.7**	**1.9**	NA	CH2M
	10/06/2011	**2.1**	**1.9**	NA	CH2M
	01/09/2012	**1.4**	**1.7**	NA	CH2M
	05/09/2012	**1.7**	**1.7**	NA	CH2M
	05/09/2012*	**1.7**	**1.8**	NA	CH2M
	07/11/2012	**1.5**	**1.6**	NA	CH2M
	10/04/2012	**1.7**	**1.7**	NA	CH2M
	01/09/2013	**1.5**	**1.7**	NA	CH2M
	04/04/2013	**1.8**	**1.8**	NA	CH2M
	07/09/2013	**1.5**	**1.7**	NA	CH2M
	10/08/2013	**1.8**	**1.7**	NA	CH2M
	01/09/2014	**1.6**	**1.7**	NA	CH2M
	04/02/2014	**1.6**	**1.7**	NA	CH2M
	07/02/2014	**1.6**	**1.6**	NA	CH2M
	07/02/2014*	**1.5**	**1.6**	NA	CH2M
	10/06/2014	**1.5**	**1.6**	NA	CH2M
	01/20/2015	**1.6**	**1.7**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-26	04/08/2015	**1.6**	**1.6**	NA	CH2M
	07/10/2015	**1.4**	**1.6**	NA	CH2M
	10/14/2015	**1.4**	**1.5**	NA	Arcadis
	01/07/2016	**1.4**	**1.3**	NA	Arcadis
	04/07/2016	**1.5**	**1.4**	NA	Arcadis
	07/11/2016	**1.6**	**1.5**	NA	Arcadis
	10/07/2016	**1.7**	**1.4**	NA	Arcadis
	01/13/2017	**1.4**	**1.4**	NA	Arcadis
	04/07/2017	**1.5**	**1.4**	NA	Arcadis
	07/14/2017	**1.3**	**1.5**	NA	Arcadis
	10/06/2017	**1.4**	**1.4**	NA	Arcadis
	01/19/2018	**1.1**	**1.2**	NA	Arcadis
	04/06/2018	**1.3**	**1.2**	NA	Arcadis
	07/13/2018	**1.3**	**1.3**	NA	Arcadis
	10/12/2018	**1.3**	**1.3**	NA	Arcadis
	02/14/2019	ND (1.0)	**1.1**	NA	Arcadis
	04/05/2019	**1.2**	**1.3**	NA	Arcadis
	07/12/2019	**1.1**	**1.3**	NA	Arcadis
	10/11/2019	ND (1.0)	**1.0**	NA	Arcadis
	01/17/2020	**1.1**	**1.1**	NA	Arcadis
	01/17/2020*	**1.1**	**1.1**	NA	Arcadis
	04/10/2020	ND (1.0)	**0.73**	NA	Arcadis
No. of Samples:	43				
27-27	01/16/2006	**1.58**	**1.43**	NA	CH2M
	04/12/2007	**1.79**	**1.54**	NA	CH2M
	11/03/2009	**1.44**	**1.47**	NA	CH2M
	12/13/2010	**2.1**	**1.7**	NA	CH2M
	03/04/2011	**1.3**	**1.9**	NA	CH2M
	03/04/2011*	**1.3**	**1.8**	NA	CH2M
	04/05/2011	**1.8**	**1.6**	NA	CH2M
	07/07/2011	**1.0**	**1.6**	NA	CH2M
	07/07/2011*	**1.3**	**1.6**	NA	CH2M
	10/06/2011	**1.6**	**1.4**	NA	CH2M
	01/18/2012	**1.0**	**1.1**	NA	CH2M
	04/04/2012	ND (1.0)	**1.0**	NA	CH2M
	07/10/2012	ND (1.0)	**1.1**	NA	CH2M
	12/06/2012	**1.2**	**1.1**	NA	CH2M
	01/15/2013	**1.2**	**1.1**	NA	CH2M
	04/02/2013	ND (1.0)	**1.2**	NA	CH2M
	07/03/2013	**1.1**	**1.2**	NA	CH2M
	10/03/2013	**1.1**	**1.2**	NA	CH2M
No. of Samples:	18				
27-28	01/16/2006	ND (1.0)	**0.218**	NA	CH2M
	08/28/2006	ND (1.0)	**0.408**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	2				
27-29	02/02/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/28/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/28/2006*	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	3				
27-36	05/31/2006	**2.74**	**2.4**	NA	CH2M
	06/09/2010	**2.2**	**2.6**	NA	CH2M
	08/04/2010	**2.0**	**2.1**	NA	CH2M
	10/26/2010	**1.9**	**2.2**	NA	CH2M
	01/24/2011	**2.0**	**2.3**	NA	CH2M
	04/04/2011	**2.4**	**2.2**	NA	CH2M
	07/08/2011	**1.8**	**2.2**	NA	CH2M
	10/04/2011	**2.7**	**2.2**	NA	CH2M
	01/09/2012	**1.9**	**2.0**	NA	CH2M
	01/09/2012*	**1.8**	**2.0**	NA	CH2M
	04/06/2012	**2.0**	**2.0**	NA	CH2M
	07/10/2012	**1.8**	**1.9**	NA	CH2M
	10/03/2012	**2.1**	**2.0**	NA	CH2M
	01/08/2013	**2.1**	**2.0**	NA	CH2M
	04/02/2013	**1.7**	**1.9**	NA	CH2M
	04/02/2013*	**1.7**	**2.0**	NA	CH2M
	07/08/2013	**1.7**	**1.9**	NA	CH2M
No. of Samples:	17				
27-38	09/14/2006	**1.23**	**1.44**	NA	CH2M
	12/07/2006	**1.56**	**1.46**	NA	CH2M
	02/15/2007	ND (1.0)	**0.621**	NA	CH2M
	04/13/2007	**1.05**	**0.955**	NA	CH2M
	04/13/2007*	ND (1.0)	**0.957**	NA	CH2M
	06/20/2007	**1.79**	**1.58**	NA	CH2M
	06/20/2007*	**1.57**	**1.58**	NA	CH2M
	08/16/2007	**1.32**	**1.5**	NA	CH2M
	10/15/2007	**1.73**	**1.81**	NA	CH2M
	12/07/2007	**1.11**	**0.972**	NA	CH2M
	02/13/2008	**1.79**	**1.77**	NA	CH2M
	04/10/2008	**1.28**	**0.753**	NA	CH2M
	06/12/2008	**1.31**	**0.6**	NA	CH2M
	08/06/2008	**1.29**	**1.56**	NA	CH2M
	11/06/2008	ND (1.0)	**1.03**	NA	CH2M
	02/05/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/14/2009	**1.04**	**0.9**	NA	CH2M
	08/06/2009	**1.68**	**1.44**	NA	CH2M
	11/12/2009	ND (1.0)	**0.7**	NA	CH2M
	02/11/2010	ND (1.0)	**0.57**	NA	CH2M
	05/13/2010	**1.5**	**0.93**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-38	08/05/2010	**1.4**	**1.3**	NA	CH2M
	10/28/2010	1.6 J	2.9 J	NA	CH2M
	01/21/2011	ND (1.0)	ND (0.2)	NA	CH2M
	02/07/2011	ND (1.0)	**0.37**	NA	CH2M
	03/08/2011	**1.4**	**1.2**	NA	CH2M
	04/07/2011	**1.5**	**0.96**	NA	CH2M
	04/07/2011*	**1.8**	**1.0**	NA	CH2M
	05/11/2011	**1.7**	**1.7**	NA	CH2M
	06/07/2011	**1.4**	**1.7**	NA	CH2M
	07/07/2011	**1.6**	**1.6**	NA	CH2M
	08/17/2011	**1.5**	**1.6**	NA	CH2M
	09/13/2011	**3.0**	**1.6**	NA	CH2M
	09/28/2011	**1.8**	**1.6**	NA	CH2M
	09/28/2011*	**1.9**	**1.7**	NA	CH2M
	10/04/2011	**1.6**	**1.2**	NA	CH2M
	11/14/2011	**1.3**	**1.1**	NA	CH2M
	01/03/2012	ND (1.0)	**0.62**	NA	CH2M
	02/24/2012	ND (1.0)	**0.42**	NA	CH2M
	03/28/2012	**1.4**	**1.2**	NA	CH2M
	04/16/2012	ND (1.0)	**0.72**	NA	CH2M
	04/16/2012*	ND (1.0)	**0.73**	NA	CH2M
	05/16/2012	**1.2**	**0.91**	NA	CH2M
	06/14/2012	**1.4**	**1.5**	NA	CH2M
	07/12/2012	**1.4**	**1.4**	NA	CH2M
	08/09/2012	**1.3**	**1.7**	NA	CH2M
	09/06/2012	**1.4**	**1.7**	NA	CH2M
	10/02/2012	**1.5**	**1.5**	NA	CH2M
	11/08/2012	**1.4**	**1.3**	NA	CH2M
	12/04/2012	ND (1.0)	**0.72**	NA	CH2M
	01/08/2013	**1.1**	**0.49**	NA	CH2M
	02/20/2013	ND (1.0)	**0.61**	NA	CH2M
	03/12/2013	ND (1.0)	**0.31**	NA	CH2M
	04/02/2013	**1.3**	**1.4**	NA	CH2M
	05/07/2013	**1.4**	**1.3**	NA	CH2M
	06/04/2013	**1.4**	**1.4**	NA	CH2M
	07/02/2013	**1.4**	**1.5**	NA	CH2M
	08/01/2013	**1.8**	**1.6**	NA	CH2M
	09/13/2013	**1.5**	**1.4**	NA	CH2M
	10/01/2013	**1.6**	**1.7**	NA	CH2M
	11/07/2013	ND (1.0)	**0.78**	NA	CH2M
	12/10/2013	ND (1.0)	**0.11**	NA	CH2M
	12/10/2013*	ND (1.0)	**0.088**	NA	CH2M
	01/07/2014	ND (1.0)	**0.27**	NA	CH2M
	02/05/2014	**1.4**	**1.2**	NA	CH2M
	03/19/2014	**2.0**	**1.4**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-38	04/03/2014	**1.4**	**1.2**	NA	CH2M
	04/03/2014*	**1.3**	**1.2**	NA	CH2M
	01/14/2015	ND (1.0)	**0.065**	NA	CH2M
No. of Samples:	69				
27-39	09/14/2006	**1.22**	**1.42**	NA	CH2M
	12/07/2006	ND (1.0)	**0.342**	NA	CH2M
	02/15/2007	**1.95**	**1.73**	NA	CH2M
	04/13/2007	**2.12**	**0.745**	NA	CH2M
	06/20/2007	**1.49**	**1.54**	NA	CH2M
	08/16/2007	**1.25**	**1.5**	NA	CH2M
	10/15/2007	**1.49**	**1.31**	NA	CH2M
	12/07/2007	**1.1**	**1.09**	NA	CH2M
	02/13/2008	**1.69**	**0.51**	NA	CH2M
	04/10/2008	**1.24**	**0.897**	NA	CH2M
	06/12/2008	**1.47**	**1.11**	NA	CH2M
	08/06/2008	1.26 J	**1.53**	NA	CH2M
	11/06/2008	ND (1.0)	**1.46**	NA	CH2M
	02/05/2009	ND (1.0)	**0.543**	NA	CH2M
	05/14/2009	**1.46**	**1.29**	NA	CH2M
	08/06/2009	**1.44**	**1.18**	NA	CH2M
	11/12/2009	**1.13**	**0.73**	NA	CH2M
	02/11/2010	**1.0**	**0.7**	NA	CH2M
	05/13/2010	**1.1**	**0.77**	NA	CH2M
	08/05/2010	**1.5**	**1.7**	NA	CH2M
	10/28/2010	**1.3**	**0.88**	NA	CH2M
	01/21/2011	**1.6**	**1.2**	NA	CH2M
	02/07/2011	**1.8**	**1.6**	NA	CH2M
	03/08/2011	ND (1.0)	**0.2**	NA	CH2M
	04/07/2011	**1.8**	**1.2**	NA	CH2M
	05/11/2011	**2.0**	**1.7**	NA	CH2M
	06/07/2011	**1.6**	**1.6**	NA	CH2M
	07/07/2011	**1.6**	**1.4**	NA	CH2M
	08/17/2011	**1.7**	**1.6**	NA	CH2M
	09/13/2011	**2.0**	**1.6**	NA	CH2M
	10/04/2011	**1.1**	**0.65**	NA	CH2M
	11/14/2011	**2.0**	**1.9**	NA	CH2M
	11/14/2011*	**1.9**	**1.9**	NA	CH2M
	01/03/2012	**1.0**	**0.17**	NA	CH2M
	02/24/2012	**1.5**	**1.2**	NA	CH2M
	03/28/2012	**1.1**	**0.71**	NA	CH2M
	04/16/2012	ND (1.0)	**0.62**	NA	CH2M
	05/16/2012	**1.2**	**1.1**	NA	CH2M
	06/14/2012	**1.3**	**1.3**	NA	CH2M
	07/12/2012	**1.5**	**1.5**	NA	CH2M
	08/09/2012	**1.2**	**1.7**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-39	09/06/2012	**1.3**	**1.3**	NA	CH2M
	10/02/2012	**1.4**	**1.2**	NA	CH2M
	11/08/2012	ND (1.0)	**0.12**	NA	CH2M
	12/04/2012	ND (1.0)	**0.24**	NA	CH2M
	01/08/2013	ND (1.0)	**0.54**	NA	CH2M
	02/20/2013	ND (1.0)	ND (0.06)	NA	CH2M
	03/12/2013	**1.8**	**1.2**	NA	CH2M
	04/02/2013	**1.3**	**1.4**	NA	CH2M
	05/07/2013	**2.3**	**2.0**	NA	CH2M
	06/04/2013	**1.6**	**1.8**	NA	CH2M
	07/02/2013	**1.4**	**1.6**	NA	CH2M
	08/01/2013	**2.4**	**2.2**	NA	CH2M
	09/13/2013	**1.9**	**2.0**	NA	CH2M
	10/01/2013	**2.0**	**1.9**	NA	CH2M
	11/07/2013	**1.5**	**1.7**	NA	CH2M
	12/10/2013	ND (1.0)	**0.53**	NA	CH2M
	01/07/2014	ND (1.0)	**0.26**	NA	CH2M
	02/05/2014	**1.0**	**0.41**	NA	CH2M
	03/19/2014	**1.9**	1.4 J	NA	CH2M
	03/19/2014*	**1.9**	1.9 J	NA	CH2M
	04/03/2014	**1.9**	**1.9**	NA	CH2M
	01/14/2015	ND (1.0)	**0.093**	NA	CH2M
No. of Samples:	63				
27-40	09/14/2006	**1.89**	**2.15**	NA	CH2M
	12/07/2006	**1.92**	**1.98**	NA	CH2M
	02/15/2007	**2.26**	**1.95**	NA	CH2M
	04/13/2007	**1.75**	**2.07**	NA	CH2M
	06/20/2007	**1.93**	**2.05**	NA	CH2M
	08/16/2007	**2.08**	**1.94**	NA	CH2M
	10/15/2007	**1.88**	**2.1**	NA	CH2M
	12/07/2007	**2.1**	**1.98**	NA	CH2M
	02/13/2008	**2.0**	**1.95**	NA	CH2M
	04/10/2008	**2.2**	**1.92**	NA	CH2M
	04/10/2008*	**2.17**	**1.91**	NA	CH2M
	06/12/2008	**1.84**	**1.81**	NA	CH2M
	08/06/2008	**1.64**	**1.84**	NA	CH2M
	11/06/2008	**1.19**	**1.8**	NA	CH2M
	02/05/2009	**1.69**	**1.61**	NA	CH2M
	05/14/2009	**1.78**	**1.61**	NA	CH2M
	08/06/2009	**1.84**	**1.66**	NA	CH2M
	11/12/2009	**1.7**	**1.28**	NA	CH2M
	02/11/2010	**1.04**	**1.36**	NA	CH2M
	05/13/2010	**2.0**	**1.9**	NA	CH2M
	08/05/2010	**1.7**	**2.0**	NA	CH2M
	10/28/2010	**1.9**	**2.1**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-40	01/21/2011	**1.9**	**1.7**	NA	CH2M
	02/07/2011	**1.6**	**1.5**	NA	CH2M
	03/08/2011	**1.9**	**1.9**	NA	CH2M
	04/07/2011	**2.2**	**1.9**	NA	CH2M
	05/11/2011	**2.5**	**2.0**	NA	CH2M
	06/07/2011	**2.0**	**2.0**	NA	CH2M
	07/07/2011	**1.7**	**2.0**	NA	CH2M
	08/17/2011	**1.8**	**1.8**	NA	CH2M
	09/13/2011	**2.0**	**2.0**	NA	CH2M
	10/04/2011	**2.2**	**1.8**	NA	CH2M
	11/14/2011	**1.9**	**1.9**	NA	CH2M
	01/03/2012	**1.6**	**1.6**	NA	CH2M
	02/24/2012	**1.7**	**2.0**	NA	CH2M
	03/28/2012	**1.9**	**2.0**	NA	CH2M
	04/16/2012	**1.7**	**1.9**	NA	CH2M
	05/16/2012	**1.7**	**1.9**	NA	CH2M
	06/14/2012	**1.8**	**2.0**	NA	CH2M
	07/12/2012	**1.7**	**1.9**	NA	CH2M
	08/09/2012	**1.5**	**2.1**	NA	CH2M
	09/06/2012	**1.8**	**2.1**	NA	CH2M
	10/02/2012	**1.9**	**2.0**	NA	CH2M
	11/08/2012	**2.0**	**2.0**	NA	CH2M
	12/04/2012	**2.1**	**1.9**	NA	CH2M
	01/08/2013	**1.9**	**2.0**	NA	CH2M
	02/20/2013	**1.6**	**2.0**	NA	CH2M
	03/12/2013	**2.2**	**2.0**	NA	CH2M
	04/02/2013	**1.7**	**2.0**	NA	CH2M
	05/07/2013	**1.9**	**2.0**	NA	CH2M
	06/04/2013	**1.4**	**1.9**	NA	CH2M
	07/02/2013	**1.8**	**1.9**	NA	CH2M
	08/01/2013	**2.0**	**2.2**	NA	CH2M
	09/13/2013	**1.8**	**1.9**	NA	CH2M
	10/01/2013	**2.0**	**2.0**	NA	CH2M
	11/07/2013	**1.6**	**1.9**	NA	CH2M
	12/10/2013	**1.4**	**1.5**	NA	CH2M
	01/07/2014	**1.6**	**1.7**	NA	CH2M
	01/07/2014*	**1.6**	**1.7**	NA	CH2M
	02/05/2014	**1.9**	**2.0**	NA	CH2M
	03/19/2014	**1.4**	**2.0**	NA	CH2M
	04/03/2014	**1.8**	**1.9**	NA	CH2M
	01/14/2015	**1.5**	**1.8**	NA	CH2M
No. of Samples:	63				
27-41	04/10/2008	**1.33**	**0.834**	NA	CH2M
No. of Samples:	1				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-42	02/19/2008	**1.5**	**0.355**	NA	CH2M
	03/03/2011	ND (1.0)	**0.38**	NA	CH2M
	04/04/2011	ND (1.0)	**0.28**	NA	CH2M
	07/07/2011	ND (1.0)	**0.59**	NA	CH2M
	10/06/2011	ND (1.0)	**0.6**	NA	CH2M
	01/04/2012	ND (1.0)	**0.55**	NA	CH2M
	04/04/2012	ND (1.0)	**0.46**	NA	CH2M
	07/10/2012	ND (1.0)	**0.53**	NA	CH2M
	10/03/2012	ND (1.0)	**0.55**	NA	CH2M
	01/17/2013	ND (1.0)	**0.43**	NA	CH2M
	04/02/2013	ND (1.0)	**0.22**	NA	CH2M
	07/03/2013	ND (1.0)	**0.072**	NA	CH2M
	10/02/2013	ND (1.0)	**0.24**	NA	CH2M
	10/02/2013*	ND (1.0)	**0.24**	NA	CH2M
	01/06/2014	ND (1.0)	**0.4**	NA	CH2M
	04/09/2014	ND (1.0)	**0.47**	NA	CH2M
	07/02/2014	ND (1.0)	**0.24**	NA	CH2M
	10/06/2014	ND (1.0)	**0.41**	NA	CH2M
	01/19/2015	ND (1.0)	**0.48**	NA	CH2M
	01/19/2015*	ND (1.0)	**0.42**	NA	CH2M
	04/13/2015	ND (1.0)	**0.33**	NA	CH2M
	07/13/2015	ND (1.0)	**0.25**	NA	CH2M
	10/12/2015	ND (1.0)	**0.28**	NA	Arcadis
	01/07/2016	ND (1.0)	**0.35**	NA	Arcadis
	04/04/2016	ND (1.0)	**0.22**	NA	Arcadis
	07/11/2016	ND (1.0)	**0.29**	NA	Arcadis
	10/07/2016	ND (1.0)	**0.24**	NA	Arcadis
	01/13/2017	ND (1.0)	**0.27**	NA	Arcadis
	04/07/2017	ND (1.0)	**0.22**	NA	Arcadis
	07/13/2017	ND (1.0)	**0.5**	NA	Arcadis
	10/16/2017	ND (1.0)	**0.68**	NA	Arcadis
	01/19/2018	ND (1.0)	**0.41**	NA	Arcadis
	04/09/2018	ND (1.0)	**0.45**	NA	Arcadis
	07/13/2018	ND (1.0)	**0.61**	NA	Arcadis
	10/15/2018	ND (1.0)	**0.49**	NA	Arcadis
	02/15/2019	ND (1.0)	**0.44**	NA	Arcadis
	04/04/2019	ND (1.0)	**0.51**	NA	Arcadis
	07/11/2019	ND (1.0)	**0.44**	NA	Arcadis
	10/11/2019	ND (1.0)	**0.39**	NA	Arcadis
	01/17/2020	ND (1.0)	**0.5**	NA	Arcadis
	04/10/2020	ND (1.0)	**0.43**	NA	Arcadis
No. of Samples:	41				
27-43	02/19/2008	**1.68**	**1.37**	NA	CH2M
	03/03/2011	**1.1**	**1.4**	NA	CH2M
	04/04/2011	**1.7**	**1.5**	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-43	07/07/2011	**1.2**	**1.4**	NA	CH2M
	10/06/2011	**1.4**	**1.5**	NA	CH2M
	01/09/2012	**1.1**	**1.3**	NA	CH2M
	04/04/2012	**1.2**	**1.3**	NA	CH2M
	07/10/2012	**1.2**	**1.3**	NA	CH2M
	10/03/2012	**1.4**	**1.4**	NA	CH2M
	04/02/2013	**1.2**	**1.4**	NA	CH2M
	04/02/2013*	**1.2**	**1.4**	NA	CH2M
	07/03/2013	**1.2**	**1.4**	NA	CH2M
	10/02/2013	**1.5**	**1.4**	NA	CH2M
	01/06/2014	**1.3**	**1.4**	NA	CH2M
	04/09/2014	**2.3**	**1.5**	NA	CH2M
	07/15/2014	**1.4**	**1.4**	NA	CH2M
	10/06/2014	**1.4**	**1.4**	NA	CH2M
	01/19/2015	**1.4**	**1.6**	NA	CH2M
	04/13/2015	**1.5**	**1.5**	NA	CH2M
	07/13/2015	**1.3**	**1.5**	NA	CH2M
	10/12/2015	**1.4**	**1.5**	NA	Arcadis
	01/07/2016	**1.6**	**1.6**	NA	Arcadis
	04/04/2016	**1.4**	**1.3**	NA	Arcadis
	07/11/2016	**1.4**	**1.5**	NA	Arcadis
	10/07/2016	**1.6**	**1.4**	NA	Arcadis
	01/13/2017	**1.5**	**1.4**	NA	Arcadis
	04/07/2017	**1.6**	**1.5**	NA	Arcadis
	07/13/2017	**1.2**	**1.5**	NA	Arcadis
	10/09/2017	**1.4**	**1.5**	NA	Arcadis
	01/19/2018	**1.5**	**1.5**	NA	Arcadis
	04/09/2018	**1.3**	**1.4**	NA	Arcadis
	07/13/2018	**1.3**	**1.3**	NA	Arcadis
	10/15/2018	**1.4**	**1.5**	NA	Arcadis
	10/15/2018*	**1.4**	**1.5**	NA	Arcadis
	02/15/2019	**1.2**	**1.3**	NA	Arcadis
	04/04/2019	**1.3**	**1.4**	NA	Arcadis
	07/11/2019	**1.4**	**1.6**	NA	Arcadis
	10/11/2019	**1.4**	**1.3**	NA	Arcadis
	01/17/2020	**1.5**	**1.6**	NA	Arcadis
	04/10/2020	**1.4**	**1.4**	NA	Arcadis
No. of Samples:	40				
27-46	11/01/2010	**2.1**	**1.3**	NA	CH2M
	01/24/2011	**1.7**	**1.4**	NA	CH2M
	04/05/2011	**1.9**	**1.5**	NA	CH2M
	07/07/2011	**1.5**	**1.5**	NA	CH2M
	10/07/2011	**1.5**	**1.4**	NA	CH2M
	01/04/2012	**1.6**	**1.5**	NA	CH2M
	04/11/2012	**1.1**	**1.3**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-46	07/12/2012	**1.8**	**1.5**	NA	CH2M
	10/08/2012	**1.6**	**1.5**	NA	CH2M
	01/08/2013	**1.6**	**1.5**	NA	CH2M
	04/04/2013	**1.4**	**1.2**	NA	CH2M
	07/08/2013	ND (1.0)	**0.43**	NA	CH2M
No. of Samples:	12				
27-48	03/09/2011	**1.5**	**1.2**	NA	CH2M
	04/04/2011	**1.4**	**1.3**	NA	CH2M
	07/08/2011	ND (1.0)	**1.1**	NA	CH2M
	10/06/2011	**1.3**	**1.0**	NA	CH2M
	01/17/2012	ND (1.0)	**0.75**	NA	CH2M
	05/09/2012	ND (1.0)	**0.68**	NA	CH2M
	07/10/2012	ND (1.0)	**0.59**	NA	CH2M
	07/10/2012*	ND (1.0)	**0.61**	NA	CH2M
	10/04/2012	ND (1.0)	**0.56**	NA	CH2M
	01/09/2013	ND (1.0)	**0.58**	NA	CH2M
	04/03/2013	ND (1.0)	**0.67**	NA	CH2M
	07/02/2013	ND (1.0)	**0.68**	NA	CH2M
	10/03/2013	ND (1.0)	**0.66**	NA	CH2M
	01/09/2014	ND (1.0)	**0.28**	NA	CH2M
	04/02/2014	ND (1.0)	**0.61**	NA	CH2M
	07/02/2014	ND (1.0)	**0.52**	NA	CH2M
	10/10/2014	ND (1.0)	**0.62**	NA	CH2M
	01/20/2015	ND (1.0)	**0.65**	NA	CH2M
	04/08/2015	ND (1.0)	**0.65**	NA	CH2M
	07/09/2015	ND (1.0)	**0.76**	NA	CH2M
	10/07/2015	ND (1.0)	**0.62**	NA	Arcadis
	01/07/2016	ND (1.0)	**0.63**	NA	Arcadis
	04/07/2016	ND (1.0)	**0.58**	NA	Arcadis
	07/11/2016	ND (1.0)	**0.68**	NA	Arcadis
	10/07/2016	ND (1.0)	**0.66**	NA	Arcadis
	01/13/2017	ND (1.0)	**0.5**	NA	Arcadis
	04/04/2017	ND (1.0)	**0.67**	NA	Arcadis
	07/14/2017	ND (1.0)	**0.69**	NA	Arcadis
	10/06/2017	ND (1.0)	**0.64**	NA	Arcadis
	01/19/2018	ND (1.0)	**0.63**	NA	Arcadis
	04/06/2018	ND (1.0)	**0.6**	NA	Arcadis
	07/13/2018	ND (1.0)	**0.58**	NA	Arcadis
	10/11/2018	ND (1.0)	**0.54**	NA	Arcadis
	02/15/2019	ND (1.0)	**0.56**	NA	Arcadis
	04/05/2019	ND (1.0)	0.6 J	NA	Arcadis
	04/05/2019*	**1.1**	1.3 J	NA	Arcadis
	07/12/2019	ND (1.0)	**0.52**	NA	Arcadis
	10/11/2019	ND (1.0)	**0.5**	NA	Arcadis
	01/17/2020	ND (1.0)	**0.54**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27-48	04/10/2020	ND (1.0)	**0.6**	NA	Arcadis
No. of Samples:	40				
27-49	03/09/2011	**2.0**	**2.0**	NA	CH2M
	04/04/2011	**2.1**	**1.9**	NA	CH2M
	07/08/2011	**1.5**	**1.7**	NA	CH2M
	07/08/2011*	**1.5**	**1.8**	NA	CH2M
	10/06/2011	**2.5**	**1.8**	NA	CH2M
	01/17/2012	**1.4**	**1.5**	NA	CH2M
	05/09/2012	**1.5**	**1.5**	NA	CH2M
	07/10/2012	**1.2**	**1.2**	NA	CH2M
	10/04/2012	**1.3**	**1.2**	NA	CH2M
	01/09/2013	ND (1.0)	**0.25**	NA	CH2M
	04/03/2013	**1.8**	**1.8**	NA	CH2M
	07/02/2013	**1.7**	**1.7**	NA	CH2M
	10/03/2013	**1.6**	**1.8**	NA	CH2M
	01/09/2014	**1.8**	**1.9**	NA	CH2M
	04/02/2014	**1.8**	**2.0**	NA	CH2M
	07/02/2014	**1.7**	**1.6**	NA	CH2M
	10/10/2014	**1.5**	**1.6**	NA	CH2M
	01/20/2015	**1.8**	**1.9**	NA	CH2M
	04/08/2015	**1.6**	**1.7**	NA	CH2M
	07/09/2015	**1.6**	**1.7**	NA	CH2M
	10/07/2015	**1.5**	**1.6**	NA	Arcadis
	01/07/2016	ND (1.0)	**0.83**	NA	Arcadis
	04/07/2016	**1.6**	**1.5**	NA	Arcadis
	07/11/2016	**1.8**	**1.8**	NA	Arcadis
	10/07/2016	**1.8**	**1.7**	NA	Arcadis
	01/13/2017	**1.9**	**1.8**	NA	Arcadis
	04/04/2017	**1.9**	**2.0**	NA	Arcadis
	07/14/2017	**2.0**	**2.2**	NA	Arcadis
	10/06/2017	**2.1**	**2.4**	NA	Arcadis
	01/19/2018	**2.4**	**2.4**	NA	Arcadis
	04/06/2018	**2.6**	**2.4**	NA	Arcadis
	07/13/2018	**2.5**	**2.6**	NA	Arcadis
	10/11/2018	**2.3**	**2.5**	NA	Arcadis
	02/15/2019	**2.3**	**2.3**	NA	Arcadis
	04/05/2019	**2.4**	**2.6**	NA	Arcadis
	07/12/2019	**2.6**	**2.8**	NA	Arcadis
	10/11/2019	**2.6**	**2.4**	NA	Arcadis
	01/17/2020	**1.9**	**2.0**	NA	Arcadis
	04/10/2020	**2.3**	**2.3**	NA	Arcadis
	04/10/2020*	**2.4**	**2.3**	NA	Arcadis
No. of Samples:	40				
27N-01	07/31/2012	**1.7**	**2.2**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
27N-01	02/20/2013	**1.8**	**2.2**	NA	CH2M
	04/03/2013	**2.1**	**2.1**	NA	CH2M
	07/01/2013	**1.9**	**2.2**	NA	CH2M
	10/03/2013	**1.9**	**2.1**	NA	CH2M
	01/14/2014	**1.9**	**2.1**	NA	CH2M
	04/02/2014	**2.0**	**2.2**	NA	CH2M
	07/14/2014	**2.0**	**2.0**	NA	CH2M
	10/08/2014	**2.0**	**2.2**	NA	CH2M
	10/08/2014*	**2.1**	**2.2**	NA	CH2M
	01/06/2015	**2.0**	**2.2**	NA	CH2M
	04/02/2015	**2.2**	**2.2**	NA	CH2M
	07/06/2015	**2.1**	**2.2**	NA	CH2M
	10/09/2015	**2.1**	**2.2**	NA	Arcadis
No. of Samples:	14				
27N-02	02/20/2013	**3.1**	**3.6**	NA	CH2M
	04/03/2013	**3.8**	**3.9**	NA	CH2M
	07/01/2013	**3.8**	**4.1**	NA	CH2M
No. of Samples:	3				
28-05	10/15/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2012*	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	2				
28-06	11/30/2011	**1.2**	**0.76**	NA	CH2M
	01/10/2012	ND (1.0)	**0.84**	NA	CH2M
	04/12/2012	ND (1.0)	**0.27**	NA	CH2M
	07/13/2012	**1.1**	**1.0**	NA	CH2M
	10/12/2012	**1.5**	**0.96**	NA	CH2M
	01/09/2013	ND (1.0)	**0.55**	NA	CH2M
	04/04/2013	ND (1.0)	**0.68**	NA	CH2M
	04/04/2013*	ND (1.0)	**0.69**	NA	CH2M
	07/09/2013	ND (1.0)	**0.07**	NA	CH2M
	01/13/2014	ND (1.0)	**0.4**	NA	CH2M
No. of Samples:	10				
28-08	12/02/2011	**3.5**	**2.5**	NA	CH2M
	01/20/2012	**2.0**	**2.0**	NA	CH2M
	04/11/2012	**2.0**	**2.5**	NA	CH2M
	04/11/2012*	**2.0**	**2.5**	NA	CH2M
	07/10/2012	**1.8**	**2.3**	NA	CH2M
	10/04/2012	**2.1**	**2.3**	NA	CH2M
	10/04/2012*	**2.2**	**2.3**	NA	CH2M
	01/18/2013	**2.1**	**2.2**	NA	CH2M
	07/11/2013	**2.0**	**2.3**	NA	CH2M
	07/11/2013*	**2.0**	**2.4**	NA	CH2M
	10/03/2013	**2.6**	**2.5**	NA	CH2M
No. of Samples:	11				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-09	11/11/2011	**2.2**	**1.9**	NA	CH2M
	01/10/2012	**1.7**	**1.7**	NA	CH2M
	04/11/2012	**1.5**	**1.5**	NA	CH2M
	07/12/2012	**2.0**	**2.1**	NA	CH2M
	12/26/2012	**1.8**	**1.9**	NA	CH2M
	03/12/2013	**2.5**	**2.0**	NA	CH2M
	04/09/2013	**3.0**	**3.1**	NA	CH2M
	07/09/2013	**2.0**	**2.3**	NA	CH2M
	10/03/2013	**1.3**	**1.1**	NA	CH2M
	10/03/2013*	**1.4**	**1.3**	NA	CH2M
	01/14/2014	**2.2**	**2.2**	NA	CH2M
	04/02/2014	**2.0**	**2.2**	NA	CH2M
	07/14/2014	**2.0**	**2.1**	NA	CH2M
	07/14/2014*	**2.0**	**2.1**	NA	CH2M
	10/14/2014	**1.5**	**1.5**	NA	CH2M
	07/07/2015	**1.4**	**1.6**	NA	CH2M
	10/21/2015	**1.4**	**1.6**	NA	Arcadis
	04/06/2016	**2.1**	**2.0**	NA	Arcadis
	07/07/2016	**1.4**	**1.3**	NA	Arcadis
	10/05/2016	**2.2**	**2.0**	NA	Arcadis
No. of Samples:	20				
28-10	07/09/2012	**1.1**	**0.93**	NA	CH2M
	10/05/2012	**1.9**	**2.1**	NA	CH2M
	01/09/2013	**1.5**	**1.5**	NA	CH2M
No. of Samples:	3				
28-16	11/30/2011	**1.0**	**0.62**	NA	CH2M
	01/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	**0.37**	NA	CH2M
	01/09/2013	ND (1.0)	**0.3**	NA	CH2M
	01/09/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2013	ND (1.0)	**0.23**	NA	CH2M
	07/10/2013	ND (1.0)	**0.57**	NA	CH2M
	10/02/2013	ND (1.0)	**0.45**	NA	CH2M
	01/09/2014	ND (1.0)	**0.23**	NA	CH2M
	04/03/2014	ND (1.0)	**0.13**	NA	CH2M
	04/03/2014*	ND (1.0)	**0.12**	NA	CH2M
	07/02/2014	**1.2**	**0.8**	NA	CH2M
	01/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2015	ND (1.0)	**0.11**	NA	CH2M
	07/10/2015	**1.1**	**1.1**	NA	CH2M
	10/14/2015	**1.1**	**0.52**	NA	Arcadis
	01/06/2016	ND (1.0)	ND (0.06)	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-16	04/06/2016	ND (1.0)	**0.57**	NA	Arcadis
	07/07/2016	**1.0**	**0.77**	NA	Arcadis
	10/05/2016	**1.2**	**0.61**	NA	Arcadis
	04/05/2017	ND (1.0)	**0.43**	NA	Arcadis
	10/05/2017	ND (1.0)	**0.81**	NA	Arcadis
	01/25/2018	ND (1.0)	**0.27**	NA	Arcadis
No. of Samples:	25				
28-17	03/09/2011	ND (1.0)	**0.68**	NA	CH2M
	04/04/2011	ND (1.0)	**0.69**	NA	CH2M
	08/17/2011	ND (1.0)	**0.62**	NA	CH2M
	10/05/2011	ND (1.0)	**0.57**	NA	CH2M
	01/25/2012	ND (1.0)	**0.54**	NA	CH2M
	05/09/2012	ND (1.0)	**0.59**	NA	CH2M
	07/10/2012	ND (1.0)	**0.56**	NA	CH2M
	10/01/2012	ND (1.0)	**0.57**	NA	CH2M
	01/15/2013	**1.1**	**0.57**	NA	CH2M
	04/03/2013	ND (1.0)	**0.47**	NA	CH2M
	07/08/2013	ND (1.0)	**0.6**	NA	CH2M
	10/03/2013	ND (1.0)	**0.45**	NA	CH2M
	01/09/2014	ND (1.0)	**0.64**	NA	CH2M
	01/09/2014*	ND (1.0)	**0.66**	NA	CH2M
	04/02/2014	ND (1.0)	**0.62**	NA	CH2M
	07/02/2014	ND (1.0)	**0.44**	NA	CH2M
No. of Samples:	16				
28-18	12/02/2011	**1.5**	**1.0**	NA	CH2M
No. of Samples:	1				
28-19	12/15/2011	ND (1.0)	ND (0.06)	NA	CH2M
	06/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	05/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	6				
28-20	08/10/2006	**1.06**	**1.09**	NA	CH2M
	01/06/2011	**1.8**	**1.3**	NA	CH2M
	12/01/2011	**1.2**	**1.3**	NA	CH2M
	01/13/2012	**1.1**	**1.1**	NA	CH2M
	04/24/2012	**1.0**	**1.2**	NA	CH2M
	07/18/2012	ND (1.0)	**0.48**	NA	CH2M
	10/08/2012	**1.1**	**1.2**	NA	CH2M
	01/10/2013	**1.1**	**1.2**	NA	CH2M
	04/10/2013	**1.3**	**1.3**	NA	CH2M
	07/03/2013	**1.1**	**1.3**	NA	CH2M
	10/03/2013	**1.3**	**1.2**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-20	01/06/2014	**1.2**	**1.2**	NA	CH2M
	04/02/2014	**1.2**	**1.2**	NA	CH2M
	07/15/2014	**1.0**	**0.74**	NA	CH2M
	10/21/2014	**1.1**	**1.2**	NA	CH2M
	01/06/2015	**1.2**	**1.3**	NA	CH2M
	04/01/2015	**1.2**	**1.2**	NA	CH2M
	04/01/2015*	**1.3**	**1.2**	NA	CH2M
	07/15/2015	ND (1.0)	**0.73**	NA	CH2M
	10/14/2015	ND (1.0)	**0.85**	NA	Arcadis
	01/06/2016	**1.3**	**1.2**	NA	Arcadis
	04/06/2016	**1.2**	**1.2**	NA	Arcadis
	07/12/2016	ND (1.0)	**0.75**	NA	Arcadis
	10/05/2016	**1.3**	**1.2**	NA	Arcadis
	01/11/2017	ND (1.0)	**0.69**	NA	Arcadis
	04/05/2017	**1.2**	**1.3**	NA	Arcadis
	07/12/2017	ND (1.0)	**1.3**	NA	Arcadis
	10/04/2017	**1.1**	**0.91**	NA	Arcadis
	01/17/2018	**1.3**	**1.3**	NA	Arcadis
	04/09/2018	**1.1**	**1.3**	NA	Arcadis
	07/11/2018	**1.3**	**1.3**	NA	Arcadis
	10/10/2018	**1.2**	**1.3**	NA	Arcadis
	01/16/2019	**1.2**	**1.2**	NA	Arcadis
	01/16/2019*	**1.1**	**1.2**	NA	Arcadis
	04/03/2019	**1.2**	**1.3**	NA	Arcadis
	07/10/2019	**1.3**	**1.4**	NA	Arcadis
	10/09/2019	ND (1.0)	**1.2**	NA	Arcadis
	01/17/2020	**1.3**	**1.3**	NA	Arcadis
	04/08/2020	**1.3**	**1.2**	NA	Arcadis
No. of Samples:	39				
28-21	04/11/2007	**6.83**	**5.61**	NA	CH2M
	11/03/2011	**2.7**	**2.7**	NA	CH2M
	01/10/2012	**2.8**	**2.9**	NA	CH2M
	04/11/2012	ND (1.0)	**0.53**	NA	CH2M
	07/18/2012	**1.6**	**1.8**	NA	CH2M
	07/18/2012*	**1.7**	**1.8**	NA	CH2M
	10/01/2012	**2.5**	**2.5**	NA	CH2M
	01/07/2013	**8.0**	**8.6**	NA	CH2M
	04/10/2013	**5.6**	**6.1**	NA	CH2M
	07/01/2013	**3.4**	**4.0**	NA	CH2M
	01/14/2014	ND (1.0)	**0.74**	NA	CH2M
	04/09/2014	**1.8**	**1.8**	NA	CH2M
	07/10/2014	**2.9**	**3.1**	NA	CH2M
	10/16/2014	**4.7**	**5.3**	NA	CH2M
	01/06/2015	**3.5**	**3.8**	NA	CH2M
	07/06/2015	**4.6**	**4.9**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-21	01/06/2016	**2.1**	**2.2**	NA	Arcadis
	04/07/2016	**2.1**	**2.1**	NA	Arcadis
	07/07/2016	**2.5**	**2.7**	NA	Arcadis
	10/05/2016	**5.0**	**4.0**	NA	Arcadis
	01/11/2017	**5.0**	**1.3**	NA	Arcadis
	04/05/2017	**1.8**	**1.9**	NA	Arcadis
	07/12/2017	**2.2**	**2.6**	NA	Arcadis
	04/04/2018	**1.7**	**2.0**	NA	Arcadis
No. of Samples:	24				
28-22	04/11/2007	**1.66**	**0.948**	NA	CH2M
	11/03/2011	**1.4**	**1.2**	NA	CH2M
	10/12/2017	ND (1.0)	**1.1**	NA	Arcadis
	07/19/2018	ND (1.0)	**1.2**	NA	Arcadis
	10/10/2018	ND (1.0)	**1.1**	NA	Arcadis
	01/16/2019	ND (1.0)	**1.0**	NA	Arcadis
	04/03/2019	ND (1.0)	**1.2**	NA	Arcadis
	07/10/2019	ND (1.0)	**1.1**	NA	Arcadis
	10/09/2019	ND (1.0)	**1.0**	NA	Arcadis
	10/09/2019*	ND (1.0)	**1.0**	NA	Arcadis
	01/15/2020	**1.2**	**1.2**	NA	Arcadis
	04/08/2020	**1.0**	**1.0**	NA	Arcadis
No. of Samples:	12				
28-23	04/11/2007	**2.16**	**1.82**	NA	CH2M
	11/10/2011	**1.4**	**1.4**	NA	CH2M
	01/06/2012	ND (1.0)	**0.97**	NA	CH2M
	04/02/2012	ND (1.0)	**0.75**	NA	CH2M
	07/11/2012	**1.5**	**1.7**	NA	CH2M
	10/04/2012	**1.2**	**1.3**	NA	CH2M
	01/09/2013	**1.0**	**0.96**	NA	CH2M
	04/02/2013	**1.2**	**1.3**	NA	CH2M
	07/01/2013	ND (1.0)	**1.1**	NA	CH2M
No. of Samples:	9				
28-25	12/21/2010	**2.7**	**2.3**	NA	CH2M
	07/13/2011	**2.2**	**2.2**	NA	CH2M
	10/06/2011	**2.2**	**2.2**	NA	CH2M
	01/04/2012	**1.6**	**1.7**	NA	CH2M
	04/05/2012	**1.9**	**2.0**	NA	CH2M
	07/13/2012	**2.0**	**2.1**	NA	CH2M
	10/02/2012	**2.0**	**2.0**	NA	CH2M
	01/07/2013	**1.8**	**2.0**	NA	CH2M
	04/08/2013	**2.0**	**2.0**	NA	CH2M
	04/08/2013*	**1.9**	**2.0**	NA	CH2M
	07/01/2013	**1.8**	**2.0**	NA	CH2M
	10/04/2013	**2.0**	**1.9**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-25	01/07/2014	**1.9**	**2.0**	NA	CH2M
	04/03/2014	**2.0**	**2.0**	NA	CH2M
	07/01/2014	**1.9**	**1.8**	NA	CH2M
	10/06/2014	**2.0**	**2.1**	NA	CH2M
	01/13/2015	**1.8**	**1.9**	NA	CH2M
	04/02/2015	**1.8**	**1.7**	NA	CH2M
No. of Samples:	18				
28-26	01/06/2011	**1.3**	**0.7**	NA	CH2M
	12/01/2011	ND (1.0)	**0.81**	NA	CH2M
	01/19/2012	ND (1.0)	**0.68**	NA	CH2M
	05/09/2012	ND (1.0)	**0.66**	NA	CH2M
	05/09/2012*	ND (1.0)	**0.66**	NA	CH2M
	07/17/2012	ND (1.0)	**0.78**	NA	CH2M
	03/13/2013	**1.1**	**0.83**	NA	CH2M
	10/04/2013	ND (1.0)	**0.7**	NA	CH2M
No. of Samples:	8				
28-27	01/27/2011	ND (1.0)	**0.77**	NA	CH2M
	02/03/2012	ND (1.0)	**0.6**	NA	CH2M
	05/09/2012	ND (1.0)	**0.79**	NA	CH2M
	07/11/2012	ND (1.0)	**0.49**	NA	CH2M
No. of Samples:	4				
28-28	03/08/2011	**1.2**	**1.2**	NA	CH2M
	04/04/2011	**1.4**	**1.2**	NA	CH2M
	08/16/2011	**1.1**	**1.1**	NA	CH2M
	10/06/2011	**1.3**	**1.0**	NA	CH2M
	10/06/2011*	**1.3**	**1.0**	NA	CH2M
	01/04/2012	ND (1.0)	**0.81**	NA	CH2M
	05/09/2012	**1.0**	**0.63**	NA	CH2M
	07/10/2012	ND (1.0)	**0.96**	NA	CH2M
	10/01/2012	**1.2**	**1.1**	NA	CH2M
	01/15/2013	**1.1**	**0.89**	NA	CH2M
	04/03/2013	ND (1.0)	**0.59**	NA	CH2M
	07/08/2013	ND (1.0)	**0.79**	NA	CH2M
	10/03/2013	**1.0**	**0.89**	NA	CH2M
	10/03/2013*	**1.0**	**0.89**	NA	CH2M
	01/09/2014	**1.1**	**1.2**	NA	CH2M
	04/02/2014	**1.0**	**0.95**	NA	CH2M
No. of Samples:	16				
28-30	06/21/2011	ND (1.0)	**0.59**	NA	CH2M
	10/05/2012	ND (1.0)	**0.48**	NA	CH2M
No. of Samples:	2				
28-31	06/21/2011	ND (1.0)	**0.36**	NA	CH2M
No. of Samples:	1				
28-32	06/21/2011	ND (1.0)	**0.57**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-32	12/16/2011	ND (1.0)	**0.38**	NA	CH2M
	01/13/2012	ND (1.0)	**0.25**	NA	CH2M
	05/09/2012	ND (1.0)	**0.53**	NA	CH2M
	07/11/2012	ND (1.0)	**0.4**	NA	CH2M
	10/09/2012	ND (1.0)	**0.44**	NA	CH2M
	01/18/2013	ND (1.0)	**0.57**	NA	CH2M
	04/04/2013	ND (1.0)	**0.46**	NA	CH2M
	07/11/2013	ND (1.0)	**0.43**	NA	CH2M
No. of Samples:	9				
28-33	11/22/2011	ND (1.0)	**0.2**	NA	CH2M
	01/13/2012	**1.0**	**1.4**	NA	CH2M
	04/25/2012	ND (1.0)	**0.92**	NA	CH2M
	07/12/2012	ND (1.0)	**0.43**	NA	CH2M
	10/04/2012	ND (1.0)	**0.34**	NA	CH2M
	01/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2013	ND (1.0)	**0.61**	NA	CH2M
No. of Samples:	7				
28-34	04/25/2012	ND (1.0)	**0.35**	NA	CH2M
	07/19/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/19/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2012	ND (1.0)	**0.81**	NA	CH2M
No. of Samples:	4				
28-35	08/18/2011	**1.5**	**0.95**	NA	CH2M
	02/20/2013	**1.1**	**0.67**	NA	CH2M
	04/04/2013	ND (1.0)	**0.38**	NA	CH2M
	04/04/2013*	ND (1.0)	**0.39**	NA	CH2M
	07/08/2013	**1.5**	**1.5**	NA	CH2M
No. of Samples:	5				
28-36	07/13/2011	**2.2**	**1.0**	NA	CH2M
	11/11/2011	**3.0**	**0.81**	NA	CH2M
	01/20/2012	**2.3**	**0.76**	NA	CH2M
	04/25/2012	**2.5**	**0.65**	NA	CH2M
	07/10/2012	**2.7**	**2.3**	NA	CH2M
	10/04/2012	**2.9**	**1.7**	NA	CH2M
	01/09/2013	**2.2**	**0.24**	NA	CH2M
	04/04/2013	**3.2**	**2.1**	NA	CH2M
	07/01/2013	**2.8**	**1.7**	NA	CH2M
	10/03/2013	**2.8**	**2.1**	NA	CH2M
	01/14/2014	**2.3**	**0.8**	NA	CH2M
	04/02/2014	**2.4**	**0.99**	NA	CH2M
	04/02/2014*	**2.4**	**0.96**	NA	CH2M
	07/15/2014	**2.7**	**1.2**	NA	CH2M
	10/16/2014	**2.4**	**1.8**	NA	CH2M
	01/13/2015	**2.3**	**1.2**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-36	04/01/2015	**2.8**	**0.96**	NA	CH2M
	07/15/2015	**2.4**	**1.6**	NA	CH2M
	10/14/2015	**2.8**	**2.0**	NA	Arcadis
	01/06/2016	**2.8**	**1.1**	NA	Arcadis
	04/06/2016	**2.4**	**0.68**	NA	Arcadis
	07/07/2016	**2.6**	**1.5**	NA	Arcadis
	10/05/2016	**2.7**	**1.2**	NA	Arcadis
	01/11/2017	**2.4**	**0.74**	NA	Arcadis
	04/05/2017	**2.3**	**1.0**	NA	Arcadis
	07/12/2017	**2.1**	**2.1**	NA	Arcadis
	10/04/2017	**2.3**	**1.6**	NA	Arcadis
	01/17/2018	**2.3**	**0.74**	NA	Arcadis
	04/04/2018	**2.1**	**0.22**	NA	Arcadis
	07/11/2018	**2.6**	**1.9**	NA	Arcadis
	07/11/2018*	**2.7**	**1.9**	NA	Arcadis
	10/10/2018	**2.2**	**1.2**	NA	Arcadis
	01/16/2019	**1.5**	**0.1**	NA	Arcadis
	03/06/2019	**1.7**	**0.33**	NA	Arcadis
	04/03/2019	**2.1**	**0.57**	NA	Arcadis
	05/09/2019	**1.9**	**0.96**	NA	Arcadis
	07/10/2019	**2.6**	**1.7**	NA	Arcadis
	07/10/2019*	**2.6**	**1.7**	NA	Arcadis
	10/09/2019	**2.3**	**1.2**	NA	Arcadis
	11/05/2019	**2.3**	**0.93**	NA	Arcadis
	01/16/2020	**2.2**	0.72 J	NA	Arcadis
	02/04/2020	**1.8**	**0.26**	NA	Arcadis
	04/09/2020	**2.4**	**0.86**	NA	Arcadis
	05/07/2020	**2.3**	**0.61**	NA	Arcadis
No. of Samples:	44				
28-37	07/14/2011	**2.5**	**3.0**	NA	CH2M
	12/16/2011	**2.9**	**3.4**	NA	CH2M
	01/18/2012	**2.8**	**2.9**	NA	CH2M
	01/18/2012*	**2.7**	**2.9**	NA	CH2M
	04/23/2012	**2.7**	**2.9**	NA	CH2M
	08/27/2013	**3.2**	**2.9**	NA	CH2M
	08/27/2013*	**3.2**	**2.9**	NA	CH2M
	10/01/2013	**3.5**	**3.2**	NA	CH2M
	01/06/2014	**3.2**	**3.0**	NA	CH2M
	04/03/2014	**3.2**	**3.1**	NA	CH2M
	07/01/2014	**3.0**	**3.1**	NA	CH2M
	10/06/2014	**2.9**	**3.1**	NA	CH2M
	01/05/2015	**3.0**	**3.3**	NA	CH2M
	01/05/2015*	**3.1**	**3.2**	NA	CH2M
	04/01/2015	**3.3**	**3.1**	NA	CH2M
	07/06/2015	**3.0**	**3.1**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-37	10/21/2015	**2.9**	**3.1**	NA	Arcadis
	01/08/2016	**3.0**	**3.1**	NA	Arcadis
	04/06/2016	**3.2**	**2.9**	NA	Arcadis
	07/07/2016	**3.1**	**3.1**	NA	Arcadis
	10/04/2016	**3.0**	**3.0**	NA	Arcadis
	01/11/2017	**3.3**	**3.0**	NA	Arcadis
	04/05/2017	**3.1**	**3.1**	NA	Arcadis
No. of Samples:	23				
28-38	07/13/2011	**2.8**	**3.1**	NA	CH2M
	11/11/2011	**3.3**	**3.1**	NA	CH2M
	01/23/2012	**2.9**	**3.0**	NA	CH2M
	09/10/2012	**3.0**	**3.2**	NA	CH2M
	09/13/2013	ND (1.0)	**0.3**	NA	CH2M
	10/01/2013	ND (1.0)	**0.76**	NA	CH2M
	01/06/2014	ND (1.0)	**0.6**	NA	CH2M
	04/03/2014	**2.4**	**2.4**	NA	CH2M
	07/01/2014	**2.8**	**2.9**	NA	CH2M
	07/01/2014*	**2.8**	**2.8**	NA	CH2M
	10/06/2014	**2.7**	**3.0**	NA	CH2M
	01/05/2015	**3.1**	**3.3**	NA	CH2M
	04/01/2015	**3.4**	**3.1**	NA	CH2M
	07/06/2015	**3.1**	**3.1**	NA	CH2M
	10/21/2015	**3.7**	**3.4**	NA	Arcadis
	01/08/2016	**3.1**	**3.2**	NA	Arcadis
	04/06/2016	**3.3**	**3.1**	NA	Arcadis
	07/12/2016	**3.1**	**3.2**	NA	Arcadis
	10/05/2016	**3.4**	**3.2**	NA	Arcadis
	01/11/2017	**3.4**	**3.1**	NA	Arcadis
	04/05/2017	**3.4**	**3.3**	NA	Arcadis
No. of Samples:	21				
28-39	09/07/2011	**3.1**	**3.1**	NA	CH2M
	01/20/2012	**2.8**	**3.0**	NA	CH2M
	02/19/2013	**2.7**	**3.1**	NA	CH2M
	04/09/2013	**2.0**	**2.0**	NA	CH2M
	07/10/2013	**2.4**	**3.0**	NA	CH2M
No. of Samples:	5				
28-40	11/03/2011	**1.1**	**1.2**	NA	CH2M
	01/04/2012	**1.1**	**1.1**	NA	CH2M
	04/05/2012	**1.0**	**1.2**	NA	CH2M
	07/10/2012	ND (1.0)	**1.0**	NA	CH2M
	10/02/2012	**1.1**	**1.2**	NA	CH2M
	10/02/2012*	**1.2**	**1.3**	NA	CH2M
	01/07/2013	**1.1**	**1.2**	NA	CH2M
	04/02/2013	**1.1**	**1.3**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-40	07/01/2013	ND (1.0)	**1.1**	NA	CH2M
	10/04/2013	**1.1**	**1.2**	NA	CH2M
	10/04/2013*	**1.1**	**1.1**	NA	CH2M
	01/07/2014	**1.2**	**1.2**	NA	CH2M
	04/02/2014	**1.1**	**1.2**	NA	CH2M
	07/01/2014	**1.2**	**1.1**	NA	CH2M
	10/07/2014	**1.0**	**1.2**	NA	CH2M
	01/15/2015	**1.1**	**1.2**	NA	CH2M
	04/06/2015	**1.1**	**1.1**	NA	CH2M
	07/07/2015	**1.0**	**1.1**	NA	CH2M
	10/19/2015	**1.0**	**1.2**	NA	Arcadis
	10/14/2016	**1.1**	**1.1**	NA	Arcadis
	04/04/2018	**1.0**	**1.1**	NA	Arcadis
	01/16/2019	**1.0**	**1.0**	NA	Arcadis
	04/18/2019	**1.1**	**1.2**	NA	Arcadis
	07/10/2019	**1.1**	**1.2**	NA	Arcadis
	10/11/2019	**1.1**	**1.1**	NA	Arcadis
	01/17/2020	**1.1**	**1.2**	NA	Arcadis
	04/09/2020	**1.2**	**1.2**	NA	Arcadis
No. of Samples:	27				
28-41	11/15/2011	**3.0**	**0.34**	NA	CH2M
	01/16/2012	**1.9**	**1.5**	NA	CH2M
	05/09/2012	**2.6**	**1.8**	NA	CH2M
	05/09/2012*	**2.7**	**1.8**	NA	CH2M
	07/10/2012	**2.3**	**2.1**	NA	CH2M
	10/04/2012	**2.4**	**2.1**	NA	CH2M
	01/09/2013	**2.1**	**1.2**	NA	CH2M
	04/04/2013	**2.7**	**1.6**	NA	CH2M
	07/09/2013	**2.4**	**2.1**	NA	CH2M
	10/04/2013	**1.7**	**0.66**	NA	CH2M
No. of Samples:	10				
28-42	12/02/2011	**1.4**	**1.3**	NA	CH2M
	01/06/2012	ND (1.0)	**1.3**	NA	CH2M
	05/10/2012	ND (1.0)	**1.1**	NA	CH2M
No. of Samples:	3				
28-43	11/30/2011	**1.8**	**1.4**	NA	CH2M
	01/06/2012	ND (1.0)	**1.1**	NA	CH2M
	05/09/2012	**1.0**	**1.3**	NA	CH2M
No. of Samples:	3				
28-45	11/30/2011	**3.1**	**0.32**	NA	CH2M
	01/06/2012	ND (1.0)	**0.16**	NA	CH2M
	04/03/2012	**1.5**	**1.5**	NA	CH2M
No. of Samples:	3				
28-46	11/30/2011	**1.9**	**0.29**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-46	01/06/2012	**2.0**	**0.32**	NA	CH2M
	04/02/2012	**1.1**	**0.33**	NA	CH2M
	07/10/2012	**1.5**	**0.73**	NA	CH2M
	10/08/2012	**1.7**	**0.88**	NA	CH2M
	01/09/2013	ND (1.0)	**0.22**	NA	CH2M
	04/02/2013	ND (1.0)	**0.1**	NA	CH2M
No. of Samples:	7				
28-47	11/30/2011	**2.4**	**2.2**	NA	CH2M
	03/28/2012	**2.1**	**2.1**	NA	CH2M
	07/11/2012	**1.9**	**2.2**	NA	CH2M
	07/11/2012*	**1.8**	**2.2**	NA	CH2M
	10/09/2012	**2.2**	**2.1**	NA	CH2M
	05/08/2013	**2.1**	**2.1**	NA	CH2M
	05/08/2013*	**2.0**	**2.1**	NA	CH2M
No. of Samples:	7				
28-48	11/30/2011	ND (1.0)	**0.2**	NA	CH2M
	01/06/2012	ND (1.0)	**0.081**	NA	CH2M
	10/04/2012	ND (1.0)	**0.097**	NA	CH2M
No. of Samples:	3				
28-51	12/02/2011	ND (1.0)	ND (0.06)	NA	CH2M
	12/02/2011*	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2012	ND (1.0)	**0.099**	NA	CH2M
	03/13/2013	ND (1.0)	**0.13**	NA	CH2M
	05/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	**0.064**	NA	CH2M
	10/03/2013	ND (1.0)	**0.28**	NA	CH2M
	01/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2014	ND (1.0)	**0.098**	NA	CH2M
	10/16/2014	ND (1.0)	**0.25**	NA	CH2M
	10/16/2014*	ND (1.0)	**0.25**	NA	CH2M
	01/06/2015	ND (1.0)	**0.12**	NA	CH2M
	04/01/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015	ND (1.0)	**0.22**	NA	CH2M
	10/20/2015	ND (1.0)	**0.091**	NA	Arcadis
	01/06/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2016	**1.4**	ND (0.06)	NA	Arcadis
	07/07/2016	ND (1.0)	**0.08**	NA	Arcadis
	10/05/2016	ND (1.0)	**0.16**	NA	Arcadis
	01/11/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/05/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/12/2017	ND (1.0)	**0.17**	NA	Arcadis
	10/04/2017	ND (1.0)	**0.24**	NA	Arcadis
	01/17/2018	ND (1.0)	**0.13**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-51	04/04/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	10/10/2018	ND (1.0)	**0.23**	NA	Arcadis
	01/16/2019	ND (1.0)	**0.07**	NA	Arcadis
	04/03/2019	ND (1.0)	**0.08**	NA	Arcadis
	07/10/2019	ND (1.0)	**0.14**	NA	Arcadis
	10/09/2019	ND (1.0)	**0.13**	NA	Arcadis
	04/08/2020	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	32				
28-52	12/06/2011	**2.7**	**2.7**	NA	CH2M
	01/13/2012	**2.2**	**2.3**	NA	CH2M
	05/02/2012	**2.3**	**2.6**	NA	CH2M
	07/12/2012	**2.6**	**2.7**	NA	CH2M
	10/08/2012	**2.5**	**2.7**	NA	CH2M
	08/27/2013	**2.5**	**2.0**	NA	CH2M
	10/01/2013	**3.2**	**2.7**	NA	CH2M
	01/06/2014	**2.6**	**2.5**	NA	CH2M
	04/04/2014	**2.8**	**2.5**	NA	CH2M
	07/01/2014	**2.2**	**2.3**	NA	CH2M
	10/06/2014	**2.1**	**2.3**	NA	CH2M
	01/05/2015	**2.7**	**2.4**	NA	CH2M
	04/01/2015	**2.5**	**2.4**	NA	CH2M
	07/06/2015	**2.3**	**2.3**	NA	CH2M
	10/21/2015	**2.5**	**2.4**	NA	Arcadis
	01/11/2016	**2.7**	**2.4**	NA	Arcadis
	04/06/2016	**2.6**	**2.3**	NA	Arcadis
	07/07/2016	**2.5**	**2.4**	NA	Arcadis
	10/04/2016	**2.5**	**2.4**	NA	Arcadis
	01/11/2017	**2.7**	**2.3**	NA	Arcadis
	04/05/2017	**2.6**	**2.4**	NA	Arcadis
No. of Samples:	21				
28-53	12/01/2011	**1.7**	**1.4**	NA	CH2M
	01/19/2012	ND (1.0)	**0.46**	NA	CH2M
	05/02/2012	ND (1.0)	**0.66**	NA	CH2M
	07/12/2012	**1.8**	**1.6**	NA	CH2M
	10/04/2012	ND (1.0)	**0.51**	NA	CH2M
	01/25/2013	ND (1.0)	**0.64**	NA	CH2M
	04/04/2013	ND (1.0)	**0.67**	NA	CH2M
	07/09/2013	ND (1.0)	**0.62**	NA	CH2M
	10/03/2013	**1.1**	**0.96**	NA	CH2M
	04/03/2014	ND (1.0)	**0.89**	NA	CH2M
No. of Samples:	10				
28-54	12/01/2011	**1.3**	**1.0**	NA	CH2M
	01/19/2012	ND (1.0)	**0.98**	NA	CH2M
	05/16/2012	ND (1.0)	**1.0**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	3				
28-55	12/06/2011	**1.2**	**0.95**	NA	CH2M
	06/27/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	2				
28-57	12/02/2011	**1.3**	**0.7**	NA	CH2M
	01/17/2012	ND (1.0)	**0.65**	NA	CH2M
	04/02/2012	ND (1.0)	**0.64**	NA	CH2M
	04/02/2012*	ND (1.0)	**0.63**	NA	CH2M
	07/20/2012	ND (1.0)	**0.73**	NA	CH2M
	10/04/2012	ND (1.0)	**0.62**	NA	CH2M
No. of Samples:	6				
28-58	12/02/2011	**1.6**	**1.2**	NA	CH2M
No. of Samples:	1				
28-61	12/01/2011	ND (1.0)	**0.44**	NA	CH2M
	12/01/2011*	ND (1.0)	**0.5**	NA	CH2M
	01/18/2012	ND (1.0)	**0.28**	NA	CH2M
	04/02/2012	ND (1.0)	**0.3**	NA	CH2M
	07/13/2012	ND (1.0)	**0.29**	NA	CH2M
	10/04/2012	ND (1.0)	**0.28**	NA	CH2M
	10/04/2012*	ND (1.0)	**0.27**	NA	CH2M
	01/17/2013	ND (1.0)	**0.42**	NA	CH2M
No. of Samples:	8				
28-62	12/01/2011	ND (1.0)	**0.22**	NA	CH2M
	01/20/2012	ND (1.0)	**0.42**	NA	CH2M
	01/09/2013	ND (1.0)	**0.11**	NA	CH2M
	04/10/2013	ND (1.0)	**0.25**	NA	CH2M
	07/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2013	ND (1.0)	**0.35**	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2015	ND (1.0)	**0.55**	NA	CH2M
	04/01/2015	ND (1.0)	**0.23**	NA	CH2M
	07/07/2015	ND (1.0)	**0.26**	NA	CH2M
	07/07/2015*	ND (1.0)	**0.23**	NA	CH2M
	10/14/2015	ND (1.0)	**0.26**	NA	Arcadis
	01/06/2016	ND (1.0)	**0.58**	NA	Arcadis
	04/06/2016	ND (1.0)	**0.52**	NA	Arcadis
	07/07/2016	ND (1.0)	**0.44**	NA	Arcadis
	10/05/2016	ND (1.0)	**0.26**	NA	Arcadis
No. of Samples:	16				
28-63	12/15/2011	**1.3**	**1.0**	NA	CH2M
	06/13/2012	**1.3**	**1.0**	NA	CH2M
	10/04/2012	**1.3**	**1.1**	NA	CH2M
	10/04/2012*	**1.2**	**0.95**	NA	CH2M
No. of Samples:	4				

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-65	01/11/2012	**3.0**	**3.0**	NA	CH2M
	06/05/2012	**2.0**	**0.074**	NA	CH2M
	02/19/2013	**3.8**	**2.7**	NA	CH2M
	04/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	**1.6**	**1.8**	NA	CH2M
	01/13/2014	**4.6**	**5.1**	NA	CH2M
	04/09/2014	**4.5**	**4.8**	NA	CH2M
No. of Samples:	7				
28-66	01/11/2012	**3.5**	**3.9**	NA	CH2M
	01/31/2012	**3.3**	**3.6**	NA	CH2M
	07/16/2012	**3.1**	**3.5**	NA	CH2M
	08/27/2013	**1.8**	**1.7**	NA	CH2M
	10/01/2013	**2.4**	**2.0**	NA	CH2M
	01/06/2014	**2.3**	**2.3**	NA	CH2M
	01/06/2014*	**2.2**	**2.3**	NA	CH2M
	04/04/2014	**3.1**	**2.6**	NA	CH2M
	07/02/2014	**2.7**	**2.6**	NA	CH2M
	10/07/2014	**2.8**	**3.0**	NA	CH2M
	01/05/2015	**3.1**	**3.1**	NA	CH2M
	04/01/2015	**3.4**	**3.0**	NA	CH2M
	07/06/2015	**3.3**	**3.6**	NA	CH2M
	10/20/2015	**3.0**	**3.5**	NA	Arcadis
	01/11/2016	**4.1**	**3.9**	NA	Arcadis
	04/07/2016	**3.8**	**3.9**	NA	Arcadis
	07/12/2016	**4.0**	**4.1**	NA	Arcadis
	10/05/2016	**3.9**	**3.5**	NA	Arcadis
	01/16/2017	**4.0**	**3.9**	NA	Arcadis
	04/06/2017	**3.7**	**3.9**	NA	Arcadis
No. of Samples:	20				
28-67	01/11/2012	ND (1.0)	**0.14**	NA	CH2M
	09/06/2012	ND (1.0)	**0.23**	NA	CH2M
	03/12/2013	ND (1.0)	**0.074**	NA	CH2M
	04/03/2013	ND (1.0)	**0.091**	NA	CH2M
No. of Samples:	4				
28-68	01/18/2012	**1.6**	**1.8**	NA	CH2M
	10/17/2012	**1.5**	**1.6**	NA	CH2M
No. of Samples:	2				
28-70	08/09/2012	ND (1.0)	**1.1**	NA	CH2M
No. of Samples:	1				
28-71	07/18/2012	ND (1.0)	**0.96**	NA	CH2M
	02/19/2013	ND (1.0)	**0.93**	NA	CH2M
No. of Samples:	2				
28-72	07/17/2012	ND (1.0)	ND (0.06 J)	NA	CH2M
	10/02/2012	ND (1.0)	**0.07**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-72	01/10/2013	ND (1.0)	**0.29**	NA	CH2M
	04/11/2013	ND (1.0)	**0.11**	NA	CH2M
	04/11/2013*	ND (1.0)	**0.12**	NA	CH2M
	07/10/2013	ND (1.0)	**0.2**	NA	CH2M
	01/15/2014	ND (1.0)	**0.2**	NA	CH2M
	07/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	8				
28-73	07/18/2012	**2.8**	**3.0**	NA	CH2M
	02/19/2013	**2.7**	**3.1**	NA	CH2M
	04/08/2013	**3.0**	**3.0**	NA	CH2M
No. of Samples:	3				
28-74	07/18/2012	**2.9**	**2.9**	NA	CH2M
	02/19/2013	**2.6**	**3.0**	NA	CH2M
	04/08/2013	**3.0**	**3.0**	NA	CH2M
	07/03/2013	**2.7**	**3.0**	NA	CH2M
	10/03/2013	**2.8**	**3.0**	NA	CH2M
	10/03/2013*	**3.1**	**3.0**	NA	CH2M
	01/13/2014	**2.8**	**2.9**	NA	CH2M
	04/02/2014	**2.6**	**3.0**	NA	CH2M
	07/09/2014	**3.0**	**2.9**	NA	CH2M
No. of Samples:	9				
28-75	10/11/2012	ND (1.0)	**0.32**	NA	CH2M
	01/10/2013	**1.6**	**1.5**	NA	CH2M
	04/04/2013	**1.8**	**1.7**	NA	CH2M
	07/10/2013	**1.1**	**1.3**	NA	CH2M
No. of Samples:	4				
28-76	10/09/2012	ND (1.0)	**0.91**	NA	CH2M
	10/10/2018	ND (1.0)	**1.2**	NA	Arcadis
	10/10/2018*	ND (1.0)	**1.1**	NA	Arcadis
	07/09/2019	ND (1.0)	**0.77**	NA	Arcadis
No. of Samples:	4				
28-77	02/19/2013	ND (1.0)	**0.46**	NA	CH2M
	04/03/2013	ND (1.0)	**0.33**	NA	CH2M
	07/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	3				
28-78	03/11/2013	**1.4**	**1.5**	NA	CH2M
	07/15/2013	**1.4**	**1.5**	NA	CH2M
	10/15/2013	**1.2**	**1.5**	NA	CH2M
	01/16/2014	**1.3**	**1.5**	NA	CH2M
	04/11/2014	**1.5**	**1.6**	NA	CH2M
	07/10/2014	**1.4**	**1.4**	NA	CH2M
	07/10/2014*	**1.4**	**1.5**	NA	CH2M
No. of Samples:	7				
28-79	03/13/2013	**1.4**	**1.2**	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-79	04/04/2013	ND (1.0)	**0.78**	NA	CH2M
	07/10/2013	ND (1.0)	**0.99**	NA	CH2M
	10/03/2013	**1.2**	**1.1**	NA	CH2M
	01/13/2014	ND (1.0)	**1.1**	NA	CH2M
No. of Samples:	5				
28-80	10/08/2012	ND (1.0)	**0.41**	NA	CH2M
	01/14/2013	ND (1.0)	**0.39**	NA	CH2M
	04/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	3				
28-81	03/05/2013	**1.7**	**1.6**	NA	CH2M
	05/08/2013	**1.6**	**1.6**	NA	CH2M
	07/18/2013	**2.0**	**2.2**	NA	CH2M
	07/18/2013*	**2.0**	**2.2**	NA	CH2M
No. of Samples:	4				
28-82	03/05/2013	**1.3**	**1.6**	NA	CH2M
	04/08/2013	**1.5**	**1.7**	NA	CH2M
	07/01/2013	**1.3**	**1.6**	NA	CH2M
	10/07/2013	**1.7**	**1.8**	NA	CH2M
	10/09/2019	**1.1**	**1.4**	NA	Arcadis
	01/15/2020	**1.6**	**1.6**	NA	Arcadis
	01/15/2020*	**1.6**	**1.7**	NA	Arcadis
	04/08/2020	**1.3**	**1.3**	NA	Arcadis
No. of Samples:	8				
28-83	05/02/2013	ND (1.0)	**0.37**	NA	CH2M
	07/08/2013	ND (1.0)	**0.59**	NA	CH2M
	10/04/2013	**1.9**	**2.0**	NA	CH2M
	01/14/2014	**2.0**	**2.2**	NA	CH2M
	04/04/2014	**2.2**	**2.2**	NA	CH2M
No. of Samples:	5				
28-85	07/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	**0.59**	NA	CH2M
No. of Samples:	2				
28-86	04/11/2013	ND (1.0)	**0.67**	NA	CH2M
	07/02/2013	ND (1.0)	**0.62**	NA	CH2M
	10/03/2013	**1.2**	**1.1**	NA	CH2M
	01/13/2014	ND (1.0)	**0.48**	NA	CH2M
	04/03/2014	ND (1.0)	**0.48**	NA	CH2M
No. of Samples:	5				
28-87	05/07/2013	**1.0**	**0.95**	NA	CH2M
	07/12/2013	ND (1.0)	**1.1**	NA	CH2M
	10/03/2013	**1.1**	**1.0**	NA	CH2M
	10/03/2013*	**1.0**	**1.0**	NA	CH2M
	04/03/2014	ND (1.0)	**0.98**	NA	CH2M
No. of Samples:	5				

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28-88	08/08/2013	**2.3**	**2.5**	NA	CH2M
	10/03/2013	**2.5**	**2.4**	NA	CH2M
	01/13/2014	**2.2**	**2.4**	NA	CH2M
	04/02/2014	**2.1**	**2.4**	NA	CH2M
	07/09/2014	**2.3**	**2.3**	NA	CH2M
	10/14/2014	**2.1**	**2.3**	NA	CH2M
	04/01/2015	**2.4**	**2.3**	NA	CH2M
No. of Samples:	7				
28-89	08/08/2013	**2.8**	**3.0**	NA	CH2M
	01/06/2014	**2.9**	**2.9**	NA	CH2M
No. of Samples:	2				
28-90	08/08/2013	ND (1.0)	**0.62**	NA	CH2M
	01/06/2014	ND (1.0)	**0.22**	NA	CH2M
No. of Samples:	2				
28N-01	07/31/2012	**3.7**	**3.8**	NA	CH2M
	07/31/2012*	**3.6**	**3.8**	NA	CH2M
No. of Samples:	2				
28N-02	07/31/2012	**3.9**	**4.1**	NA	CH2M
No. of Samples:	1				
28N-03	07/31/2012	**3.7**	**4.1**	NA	CH2M
No. of Samples:	1				
28N-04	07/31/2012	**4.0**	**4.3**	NA	CH2M
	02/20/2013	**2.2**	**2.1**	NA	CH2M
	04/03/2013	**3.7**	**3.2**	NA	CH2M
	07/01/2013	**3.9**	**4.3**	NA	CH2M
	01/16/2014	**4.0**	**4.3**	NA	CH2M
	04/03/2014	**2.8**	ND (0.06)	NA	CH2M
	07/02/2014	**3.9**	**4.0**	NA	CH2M
	10/12/2015	**3.6**	**3.9**	NA	Arcadis
	04/10/2017	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	9				
28N-05	07/31/2012	**3.9**	**4.1**	NA	CH2M
	02/20/2013	**3.2**	**3.8**	NA	CH2M
	04/03/2013	**3.7**	**3.7**	NA	CH2M
	07/01/2013	**3.9**	**4.1**	NA	CH2M
	10/01/2013	**4.1**	**4.3**	NA	CH2M
	01/16/2014	**3.5**	**3.7**	NA	CH2M
	04/03/2014	**3.6**	**3.7**	NA	CH2M
	07/02/2014	**3.6**	**3.9**	NA	CH2M
	04/13/2015	**3.6**	**3.6**	NA	CH2M
	04/13/2015*	**3.5**	**3.6**	NA	CH2M
	07/06/2015	**3.9**	**4.2**	NA	CH2M
	10/12/2015	**3.5**	**3.6**	NA	Arcadis
	04/11/2016	**3.2**	**3.4**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
28N-05	10/07/2016	**4.2**	**4.0**	NA	Arcadis
	04/10/2017	**3.2**	**3.5**	NA	Arcadis
	10/09/2017	**3.8**	**4.1**	NA	Arcadis
	04/09/2018	**3.1**	**3.5**	NA	Arcadis
	10/15/2018	**3.5**	**3.7**	NA	Arcadis
	04/08/2019	**3.5**	**3.6**	NA	Arcadis
	10/14/2019	**4.1**	**4.1**	NA	Arcadis
	04/13/2020	**3.3**	**3.4**	NA	Arcadis
No. of Samples:	21				
28N-06	08/02/2012	**3.4**	**3.7**	NA	CH2M
No. of Samples:	1				
28N-07	09/05/2012	**3.8**	**4.0**	NA	CH2M
	02/19/2013	**3.3**	**4.0**	NA	CH2M
	04/09/2013	**4.0**	**4.0**	NA	CH2M
	04/09/2013*	**4.0**	**4.0**	NA	CH2M
	07/01/2013	**3.5**	**3.9**	NA	CH2M
No. of Samples:	5				
30E-01	10/19/2006	**1.16**	**1.22**	NA	CH2M
	08/27/2009	**1.49**	**1.48**	NA	CH2M
	12/07/2010	**2.0**	**1.7**	NA	CH2M
	03/10/2011	**1.8**	**1.9**	NA	CH2M
	09/06/2011	**2.1**	**1.8**	NA	CH2M
	11/18/2011	**1.9**	**1.9**	NA	CH2M
	01/03/2012	**2.0**	**2.0**	NA	CH2M
	04/03/2012	**1.6**	**1.7**	NA	CH2M
	07/12/2012	**1.7**	**1.6**	NA	CH2M
	10/02/2012	**1.6**	**1.7**	NA	CH2M
	01/09/2013	**1.5**	**2.0**	NA	CH2M
	01/09/2013*	**1.5**	**2.0**	NA	CH2M
	04/02/2013	**1.3**	**1.6**	NA	CH2M
	07/08/2013	**1.6**	**1.8**	NA	CH2M
	10/02/2013	**1.3**	**1.3**	NA	CH2M
	01/10/2014	**1.7**	**1.7**	NA	CH2M
	01/10/2014*	**1.7**	**1.7**	NA	CH2M
	04/02/2014	**1.3**	**1.5**	NA	CH2M
	07/08/2014	**1.8**	**1.8**	NA	CH2M
	10/15/2014	**1.5**	**1.6**	NA	CH2M
	01/14/2015	**1.6**	**2.1**	NA	CH2M
	04/09/2015	**1.2**	**1.2**	NA	CH2M
	07/10/2015	**1.2**	**1.3**	NA	CH2M
	10/13/2015	**1.7**	**1.7**	NA	Arcadis
	01/05/2016	**1.5**	**1.6**	NA	Arcadis
	04/05/2016	**1.8**	**1.7**	NA	Arcadis
	07/06/2016	**1.8**	**1.7**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
30E-01	10/04/2016	**1.8**	**1.8**	NA	Arcadis
	01/10/2017	**1.9**	**1.8**	NA	Arcadis
	04/04/2017	**1.7**	**1.8**	NA	Arcadis
	07/11/2017	**1.4**	**1.7**	NA	Arcadis
	10/03/2017	**1.7**	**1.9**	NA	Arcadis
	01/16/2018	**1.6**	**1.7**	NA	Arcadis
	04/04/2018	**1.4**	**1.5**	NA	Arcadis
	07/10/2018	**1.5**	**1.6**	NA	Arcadis
	10/09/2018	**1.2**	**1.2**	NA	Arcadis
	01/15/2019	**1.8**	**1.7**	NA	Arcadis
	04/02/2019	**1.7**	**1.7**	NA	Arcadis
	07/09/2019	**1.6**	**1.7**	NA	Arcadis
	10/08/2019	**1.6**	**1.8**	NA	Arcadis
	01/14/2020	**1.8**	**2.0**	NA	Arcadis
	04/07/2020	**1.7**	**2.3**	NA	Arcadis
No. of Samples:	42				
30E-02	04/10/2007	ND (1.0)	**0.934**	NA	CH2M
	10/27/2011	**2.3**	**2.2**	NA	CH2M
	01/03/2012	**2.1**	**2.1**	NA	CH2M
	05/03/2012	**3.8**	**3.9**	NA	CH2M
	07/13/2012	**2.0**	**1.7**	NA	CH2M
	10/02/2012	**2.1**	**2.1**	NA	CH2M
No. of Samples:	6				
30E-03	11/15/2011	**2.0**	**1.8**	NA	CH2M
	01/03/2012	**1.6**	**1.6**	NA	CH2M
	04/26/2012	**1.5**	**1.8**	NA	CH2M
	07/16/2012	**1.4**	**1.7**	NA	CH2M
	10/05/2012	**1.7**	**1.6**	NA	CH2M
	01/09/2013	**1.8**	**1.9**	NA	CH2M
No. of Samples:	6				
30E-05	10/20/2011	**2.4**	**2.2**	NA	CH2M
	01/04/2012	**1.9**	**1.7**	NA	CH2M
	05/02/2012	**1.7**	**1.8**	NA	CH2M
	07/12/2012	**2.0**	**1.6**	NA	CH2M
	07/12/2012*	**2.1**	**1.6**	NA	CH2M
	10/18/2012	**1.7**	**1.7**	NA	CH2M
	04/02/2013	**1.6**	**1.7**	NA	CH2M
	10/03/2013	**1.7**	**1.6**	NA	CH2M
	01/14/2014	**1.8**	**1.9**	NA	CH2M
	04/02/2014	**1.7**	**1.6**	NA	CH2M
	07/10/2014	**1.9**	**1.9**	NA	CH2M
	10/16/2014	**1.7**	**1.7**	NA	CH2M
	10/16/2014*	**1.8**	**1.7**	NA	CH2M
No. of Samples:	13				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
30E-06	11/16/2011	**2.1**	**2.2**	NA	CH2M
	01/03/2012	**2.0**	**2.1**	NA	CH2M
	01/03/2012*	**2.0**	**2.1**	NA	CH2M
	07/18/2012	**2.1**	**2.3**	NA	CH2M
	10/03/2012	**2.1**	**1.9**	NA	CH2M
	04/11/2013	**2.3**	**2.3**	NA	CH2M
	07/02/2013	**2.3**	**2.1**	NA	CH2M
No. of Samples:	7				
30E-08	11/08/2012	**1.5**	**1.3**	NA	CH2M
	01/10/2013	**1.9**	**1.9**	NA	CH2M
No. of Samples:	2				
30E-09	07/09/2012	**1.9**	**2.0**	NA	CH2M
	10/02/2012	**2.2**	**2.2**	NA	CH2M
	10/02/2012*	**2.2**	**2.0**	NA	CH2M
No. of Samples:	3				
30E-11	02/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	1				
30E-12	10/17/2012	**2.1**	**2.1**	NA	CH2M
	01/10/2013	**1.7**	**1.5**	NA	CH2M
	05/02/2013	**1.8**	**2.0**	NA	CH2M
	06/04/2013	**1.8**	**1.8**	NA	CH2M
	07/11/2013	**2.1**	**2.3**	NA	CH2M
	08/06/2013	**2.1**	**2.1**	NA	CH2M
	09/13/2013	**2.0**	**1.9**	NA	CH2M
	10/03/2013	**2.1**	**2.1**	NA	CH2M
	10/03/2013*	**1.9**	**2.1**	NA	CH2M
	01/09/2014	**2.0**	**2.0**	NA	CH2M
	04/02/2014	**1.9**	**1.9**	NA	CH2M
	07/10/2014	**1.7**	**1.6**	NA	CH2M
	10/16/2014	**2.1**	**2.1**	NA	CH2M
	01/14/2015	**1.5**	**1.5**	NA	CH2M
	01/14/2015*	**1.4**	**1.4**	NA	CH2M
	04/09/2015	**1.6**	**1.4**	NA	CH2M
	07/13/2015	**1.9**	**2.1**	NA	CH2M
	10/14/2015	**2.0**	**1.9**	NA	Arcadis
	07/17/2017	**1.7**	**1.8**	NA	Arcadis
	01/16/2018	**1.7**	**0.88**	NA	Arcadis
	04/03/2018	**1.8**	**1.6**	NA	Arcadis
	07/10/2018	**1.9**	**1.8**	NA	Arcadis
	10/09/2018	**2.1**	**2.0**	NA	Arcadis
	01/15/2019	**2.0**	**1.6**	NA	Arcadis
	04/02/2019	**1.9**	**2.0**	NA	Arcadis
	07/09/2019	**1.6**	**1.7**	NA	Arcadis
	10/08/2019	**2.2**	**2.0**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
30E-12	01/14/2020	**1.8**	**1.7**	NA	Arcadis
	04/07/2020	**1.2**	**1.1**	NA	Arcadis
No. of Samples:	29				
31E-03	11/15/2011	**2.0**	**2.0**	NA	CH2M
	01/04/2012	**1.1**	**1.1**	NA	CH2M
	07/18/2012	ND (1.0)	**0.9**	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2013	ND (1.0)	ND (0.06 J)	NA	CH2M
	04/02/2013	ND (1.0)	**0.31**	NA	CH2M
No. of Samples:	6				
31E-06	02/10/2012	ND (1.0)	**0.44**	NA	CH2M
No. of Samples:	1				
31E-07	07/18/2012	**1.5**	**1.5**	NA	CH2M
	10/02/2012	**1.0**	**0.87**	NA	CH2M
	01/09/2013	ND (1.0)	**0.98**	NA	CH2M
	04/02/2013	**1.3**	**1.4**	NA	CH2M
	07/02/2013	**1.4**	**1.4**	NA	CH2M
	10/03/2013	**1.4**	**1.5**	NA	CH2M
	01/07/2014	**1.2**	**1.2**	NA	CH2M
	04/02/2014	ND (1.0)	**0.88**	NA	CH2M
	07/07/2014	**1.2**	**1.3**	NA	CH2M
	07/07/2014*	**1.2**	**1.3**	NA	CH2M
	10/09/2014	**1.2**	**1.4**	NA	CH2M
	01/13/2015	**1.2**	**1.4**	NA	CH2M
	04/09/2015	**1.4**	**1.4**	NA	CH2M
	07/10/2015	**1.3**	**1.3**	NA	CH2M
	10/08/2015	**1.3**	**1.3**	NA	Arcadis
	01/15/2019	**2.0**	**1.8**	NA	Arcadis
	07/09/2019	**2.5**	**2.7**	NA	Arcadis
	10/08/2019	**1.9**	**1.9**	NA	Arcadis
	01/22/2020	**1.8**	**2.0**	NA	Arcadis
	04/07/2020	**1.9**	**2.0**	NA	Arcadis
No. of Samples:	20				
33-02	01/04/2011	**1.3**	**0.6**	NA	CH2M
	11/29/2011	**1.8**	**0.48**	NA	CH2M
	01/18/2012	ND (1.0)	**0.21**	NA	CH2M
	05/02/2012	ND (1.0)	**0.33**	NA	CH2M
	07/12/2012	ND (1.0)	**0.52**	NA	CH2M
	10/08/2012	ND (1.0)	**0.5**	NA	CH2M
	01/14/2013	ND (1.0)	**0.13**	NA	CH2M
No. of Samples:	7				
33-03	12/15/2011	ND (1.0)	**0.099**	NA	CH2M
	01/19/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2012	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
33-03	07/12/2012	ND (1.0)	**0.2**	NA	CH2M
	10/04/2012	ND (1.0)	**0.17**	NA	CH2M
	01/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/11/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	**0.13**	NA	CH2M
	10/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/10/2014	ND (1.0)	**0.13**	NA	CH2M
	04/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	15				
33-09	04/20/2012	ND (1.0)	**0.49**	NA	CH2M
	04/10/2013	ND (1.0)	**0.52**	NA	CH2M
	07/09/2013	ND (1.0)	**0.62**	NA	CH2M
	10/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/06/2014	ND (1.0)	**0.5**	NA	CH2M
	04/01/2014	ND (1.0)	**0.71**	NA	CH2M
	07/15/2014	ND (1.0)	**0.47**	NA	CH2M
	10/14/2014	ND (1.0)	**0.41**	NA	CH2M
	01/14/2015	ND (1.0)	**0.42**	NA	CH2M
	05/06/2015	ND (1.0)	**0.45**	NA	CH2M
	07/15/2015	ND (1.0)	**0.49**	NA	CH2M
	07/15/2015*	ND (1.0)	**0.55**	NA	CH2M
	10/07/2015	ND (1.0)	**0.56**	NA	Arcadis
No. of Samples:	13				
33-10	04/19/2012	ND (1.0)	**0.7**	NA	CH2M
	04/08/2013	ND (1.0)	**0.77**	NA	CH2M
	07/03/2013	ND (1.0)	**0.8**	NA	CH2M
	10/09/2013	ND (1.0)	**0.64**	NA	CH2M
	01/15/2014	ND (1.0)	**0.69**	NA	CH2M
	01/15/2014*	ND (1.0)	**0.7**	NA	CH2M
	04/01/2014	ND (1.0)	**0.73**	NA	CH2M
	07/14/2014	ND (1.0)	**0.66**	NA	CH2M
	10/16/2014	ND (1.0)	**0.72**	NA	CH2M
	01/14/2015	ND (1.0)	**0.68**	NA	CH2M
	06/23/2015	ND (1.0)	**0.68**	NA	CH2M
	07/14/2015	ND (1.0)	**0.8**	NA	CH2M
	10/15/2015	ND (1.0)	**0.73**	NA	Arcadis
No. of Samples:	13				
33-11	12/15/2011	**5.0**	**4.6**	NA	CH2M
	12/15/2011*	**5.1**	**4.6**	NA	CH2M
	01/19/2012	**4.8**	**3.6**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
33-11	05/03/2012	**5.0**	**4.0**	NA	CH2M
	07/16/2012	**5.1**	**5.0**	NA	CH2M
	10/01/2012	**6.1**	**5.3**	NA	CH2M
	01/07/2013	**3.7**	**1.7**	NA	CH2M
	04/04/2013	**3.9**	**1.5**	NA	CH2M
	07/09/2013	**4.5**	**3.0**	NA	CH2M
	10/10/2013	**4.3**	**2.6**	NA	CH2M
	01/13/2014	**2.0**	**0.64**	NA	CH2M
	04/01/2014	**2.6**	**1.1**	NA	CH2M
	07/16/2014	**5.4**	**5.0**	NA	CH2M
	10/14/2014	**4.3**	**2.2**	NA	CH2M
No. of Samples:	14				
33-18	07/07/2011	ND (1.0)	**0.52**	NA	CH2M
	11/29/2011	ND (1.0)	**0.11**	NA	CH2M
	01/11/2012	ND (1.0)	**0.16**	NA	CH2M
	04/03/2012	ND (1.0)	**0.16**	NA	CH2M
	07/13/2012	ND (1.0)	**0.31**	NA	CH2M
	10/05/2012	ND (1.0)	**0.44**	NA	CH2M
No. of Samples:	6				
33-19	11/03/2011	ND (1.0)	**0.25**	NA	CH2M
	01/19/2012	ND (1.0)	**0.18**	NA	CH2M
	05/09/2012	ND (1.0)	**0.2**	NA	CH2M
	07/10/2012	ND (1.0)	**0.18**	NA	CH2M
	07/10/2012*	ND (1.0)	**0.19**	NA	CH2M
	10/05/2012	ND (1.0)	**0.15**	NA	CH2M
	01/09/2013	ND (1.0)	**0.13**	NA	CH2M
	04/01/2013	ND (1.0)	**0.18**	NA	CH2M
	07/09/2013	ND (1.0)	**0.24**	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	11				
33-20	11/03/2011	**1.1**	**1.1**	NA	CH2M
	01/17/2012	ND (1.0)	**0.1**	NA	CH2M
	05/09/2012	ND (1.0)	**0.42**	NA	CH2M
	05/09/2012*	ND (1.0)	**0.41**	NA	CH2M
	07/10/2012	ND (1.0)	**0.65**	NA	CH2M
	10/05/2012	ND (1.0)	**0.12**	NA	CH2M
	10/05/2012*	ND (1.0)	**0.12**	NA	CH2M
	01/10/2013	ND (1.0)	**0.86**	NA	CH2M
	04/01/2013	ND (1.0)	**0.72**	NA	CH2M
	07/09/2013	ND (1.0)	**0.47**	NA	CH2M
	10/02/2013	ND (1.0)	**0.94**	NA	CH2M
	01/07/2014	ND (1.0)	**0.9**	NA	CH2M
No. of Samples:	12				

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
33-21	12/15/2011	ND (1.0)	**0.08**	NA	CH2M
	01/19/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	**1.5**	**1.6**	NA	CH2M
	10/01/2012	**1.1**	**0.75**	NA	CH2M
	01/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	**0.7**	NA	CH2M
	10/02/2013	ND (1.0)	**0.069**	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2014	ND (1.0)	**0.21**	NA	CH2M
	07/07/2014	**1.0**	**1.1**	NA	CH2M
	10/14/2014	ND (1.0)	**0.24**	NA	CH2M
No. of Samples:	13				
33-22	03/09/2012	**1.4**	**1.5**	NA	CH2M
No. of Samples:	1				
33-23	05/04/2012	ND (1.0)	**0.25**	NA	CH2M
	07/10/2012	**5.0**	**0.074**	NA	CH2M
	07/24/2012	ND (1.0)	**0.73**	NA	CH2M
	10/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2013	ND (1.0)	**0.44**	NA	CH2M
No. of Samples:	5				
33-24	07/19/2012	**1.3**	**1.2**	NA	CH2M
	10/01/2012	**1.0**	**0.93**	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	3				
33-25	07/19/2012	**2.1**	**2.3**	NA	CH2M
	10/01/2012	**2.6**	**2.3**	NA	CH2M
	01/15/2013	**2.6**	**2.4**	NA	CH2M
	04/04/2013	**2.7**	**2.4**	NA	CH2M
	07/08/2013	**2.4**	**2.5**	NA	CH2M
	10/03/2013	**2.5**	**2.5**	NA	CH2M
	01/09/2014	**2.0**	**2.1**	NA	CH2M
	07/02/2014	**2.1**	**0.67**	NA	CH2M
No. of Samples:	8				
33-26	07/19/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2013	**2.2**	**2.2**	NA	CH2M
	04/04/2013	**3.0**	**2.4**	NA	CH2M
	07/08/2013	**2.8**	**2.9**	NA	CH2M
	10/03/2013	**3.7**	**3.6**	NA	CH2M
	10/03/2013*	**4.1**	**3.6**	NA	CH2M
	01/09/2014	**3.2**	**2.5**	NA	CH2M
	04/02/2014	**2.2**	**1.6**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
33-26	07/02/2014	ND (1.0)	**0.28**	NA	CH2M
	09/05/2018	**4.0**	**2.4**	NA	Arcadis
No. of Samples:	11				
33-27	09/05/2012	**1.7**	**1.8**	NA	CH2M
	10/01/2012	**1.9**	**1.8**	NA	CH2M
	01/08/2013	**1.9**	**1.9**	NA	CH2M
	04/01/2013	**1.5**	**1.7**	NA	CH2M
	07/09/2013	**1.7**	**1.9**	NA	CH2M
	10/02/2013	**1.9**	**1.8**	NA	CH2M
	01/09/2014	**1.8**	**1.8**	NA	CH2M
	04/03/2014	**2.0**	**1.7**	NA	CH2M
	04/03/2014*	**1.8**	**1.5**	NA	CH2M
	07/02/2014	**1.5**	**1.5**	NA	CH2M
	10/09/2014	**1.7**	**1.8**	NA	CH2M
	06/24/2015	**1.6**	**1.6**	NA	CH2M
	07/15/2015	**1.3**	**1.7**	NA	CH2M
	10/19/2015	**1.5**	**1.6**	NA	Arcadis
No. of Samples:	14				
33-28	03/05/2013	ND (1.0)	**0.83**	NA	CH2M
	04/10/2013	**1.0**	NA	NA	CH2M
	07/09/2013	ND (1.0)	**1.0**	NA	CH2M
	07/09/2013*	ND (1.0)	**0.99**	NA	CH2M
	10/07/2013	ND (1.0)	**0.67**	NA	CH2M
	01/06/2014	ND (1.0)	**0.77**	NA	CH2M
	04/01/2014	ND (1.0)	**0.8**	NA	CH2M
	07/15/2014	ND (1.0)	**0.75**	NA	CH2M
	10/14/2014	ND (1.0)	**0.8**	NA	CH2M
	01/14/2015	ND (1.0)	**0.82**	NA	CH2M
	05/06/2015	ND (1.0)	**0.77**	NA	CH2M
	07/15/2015	ND (1.0)	**0.93**	NA	CH2M
	10/19/2015	ND (1.0)	**0.88**	NA	Arcadis
No. of Samples:	13				
33-30	03/05/2013	ND (1.0)	**0.78**	NA	CH2M
	04/09/2013	ND (1.0)	**0.7**	NA	CH2M
	07/09/2013	ND (1.0)	**0.9**	NA	CH2M
	10/07/2013	ND (1.0)	**0.7**	NA	CH2M
	01/15/2014	ND (1.0)	**0.78**	NA	CH2M
	01/15/2014*	ND (1.0)	**0.77**	NA	CH2M
	04/02/2014	ND (1.0)	**0.61**	NA	CH2M
	07/02/2014	ND (1.0)	**0.74**	NA	CH2M
	10/09/2014	ND (1.0)	**0.59**	NA	CH2M
	01/19/2015	ND (1.0)	**0.58**	NA	CH2M
No. of Samples:	10				
33-31	03/05/2013	ND (1.0)	ND (0.06)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
33-31	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	2				
33-32	02/19/2013	**1.7**	**1.9**	NA	CH2M
	04/10/2013	**1.3**	**0.73**	NA	CH2M
No. of Samples:	2				
33E-01	02/13/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	1				
33N-01	12/04/2012	**3.1**	**2.8**	NA	CH2M
	01/10/2013	**3.0**	**3.1**	NA	CH2M
	04/03/2013	**3.0**	**3.0**	NA	CH2M
	04/03/2013*	**3.0**	**3.1**	NA	CH2M
	07/09/2013	**2.5**	**2.5**	NA	CH2M
	10/03/2013	**2.4**	**2.4**	NA	CH2M
	01/14/2014	**2.8**	**3.0**	NA	CH2M
	04/02/2014	**2.7**	**2.4**	NA	CH2M
	10/14/2014	**2.3**	**2.1**	NA	CH2M
	01/06/2015	**3.1**	**2.8**	NA	CH2M
	04/07/2015	**2.7**	**2.7**	NA	CH2M
	07/06/2015	**2.7**	**2.8**	NA	CH2M
	10/16/2015	**2.0**	**1.9**	NA	Arcadis
No. of Samples:	13				
33N-02	02/20/2013	**3.6**	**3.7**	NA	CH2M
	04/03/2013	**3.4**	**3.7**	NA	CH2M
	07/01/2013	**3.2**	**3.3**	NA	CH2M
	10/03/2013	**3.3**	**3.6**	NA	CH2M
	01/09/2014	**3.6**	**3.7**	NA	CH2M
	07/02/2014	**3.4**	**3.5**	NA	CH2M
No. of Samples:	6				
34-01	01/26/2004	**1.3**	ND (0.2)	NA	CH2M
	08/25/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/18/2006	ND (1.0)	ND (0.2)	NA	CH2M
	06/13/2006	**1.11**	ND (0.2)	NA	CH2M
	08/10/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/17/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/07/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/12/2007	ND (1.0)	ND (0.2)	NA	CH2M
	06/19/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/16/2007	**2.24**	ND (0.2)	NA	CH2M
	10/17/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/06/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2008	ND (1.0)	ND (0.2)	NA	CH2M
	04/08/2008	ND (1.0)	ND (0.2)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-01	06/09/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2008*	ND (1.0 J)	ND (0.2)	NA	CH2M
	12/17/2009	ND (1.0)	ND (0.2)	NA	CH2M
	03/25/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	**0.31**	NA	CH2M
	08/03/2010	ND (1.0)	**0.54**	NA	CH2M
	10/26/2010	ND (1.0)	**0.32**	NA	CH2M
	01/24/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/07/2011	ND (1.0)	**0.29**	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/10/2011	ND (1.0)	**0.098**	NA	CH2M
	01/09/2012	ND (1.0)	**0.072**	NA	CH2M
	04/05/2012	ND (1.0)	**0.42**	NA	CH2M
	07/24/2012	ND (1.0)	**0.49**	NA	CH2M
No. of Samples:	32				
34-02	06/16/2004	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	2				
34-03	05/24/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	07/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	08/16/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	09/27/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	10/24/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	11/19/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/13/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	01/23/2002	**1.4**	ND (0.2)	NA	CH2M
	02/19/2002	**2.3**	ND (0.2)	NA	CH2M
	03/27/2002	**1.6**	ND (0.2)	NA	CH2M
	04/24/2002	**2.4**	ND (0.2)	NA	CH2M
	05/21/2002	**1.8**	ND (0.2)	NA	CH2M
	06/26/2002	ND (1.0)	ND (0.2 J)	NA	CH2M
	07/23/2002	ND (1.0)	ND (0.2)	NA	CH2M
	08/20/2002	**1.6**	ND (0.2)	NA	CH2M
	10/16/2002	**1.5**	ND (0.2)	NA	CH2M
	11/13/2002	ND (1.0)	ND (0.2)	NA	CH2M
	06/06/2006	**2.92**	ND (0.2)	NA	CH2M
No. of Samples:	18				
34-05	05/30/2006	ND (1.0)	ND (0.2)	NA	CH2M
	03/08/2011	ND (1.0)	ND (0.2 J)	NA	CH2M
	03/08/2011*	**1.5**	1.1 J	NA	CH2M
No. of Samples:	3				
34-06	01/17/2006	ND (1.0)	ND (0.2)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-06	01/17/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	12/06/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/21/2010	ND (1.0)	ND (0.2)	NA	CH2M
	03/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/17/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/29/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/17/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	20				
34-08	05/30/2006	**1.8**	ND (0.2)	NA	CH2M
	12/06/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/09/2010	ND (1.0)	ND (0.2)	NA	CH2M
	03/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	5				
34-10	12/06/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	1				
34-11A	12/08/2010	**1.4**	**1.0**	NA	CH2M
	11/28/2011	**1.1**	**1.0**	NA	CH2M
	01/19/2012	**1.0**	**0.9**	NA	CH2M
	01/19/2012*	**1.1**	**0.98**	NA	CH2M
	04/30/2012	ND (1.0)	**1.1**	NA	CH2M
	07/12/2012	ND (1.0)	**0.98**	NA	CH2M
No. of Samples:	6				
34-12	09/14/2006	ND (1.0)	**1.08**	NA	CH2M
	12/08/2010	ND (1.0)	ND (0.2)	NA	CH2M
	09/07/2011	**1.3**	**0.9**	NA	CH2M
	11/28/2011	**1.4**	**1.1**	NA	CH2M
	01/10/2012	**1.7**	**1.6**	NA	CH2M
	05/09/2012	**1.8**	**1.8**	NA	CH2M
	07/16/2012	**1.6**	**1.7**	NA	CH2M
	10/05/2012	**1.8**	**1.7**	NA	CH2M
	01/11/2013	**1.4**	**1.3**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-12	04/04/2013	**1.8**	**1.3**	NA	CH2M
	07/09/2013	**1.6**	**1.9**	NA	CH2M
	10/07/2013	**1.7**	**1.6**	NA	CH2M
	01/09/2014	**1.7**	**1.7**	NA	CH2M
	01/09/2014*	**1.7**	**1.7**	NA	CH2M
	06/02/2014	**1.6**	**1.7**	NA	CH2M
	07/10/2014	**2.0**	**1.7**	NA	CH2M
	10/14/2014	**1.8**	**1.7**	NA	CH2M
	01/09/2015	**1.8**	**1.9**	NA	CH2M
	04/08/2015	**1.8**	**1.7**	NA	CH2M
	07/07/2015	**1.8**	**1.8**	NA	CH2M
	10/08/2015	**1.8**	**1.6**	NA	Arcadis
No. of Samples:	21				
34-13	06/22/2011	ND (1.0)	ND (0.2)	NA	CH2M
	12/01/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2012	ND (1.0)	**0.25**	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2013	ND (1.0)	**0.12**	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2013	ND (1.0)	**0.21**	NA	CH2M
	10/03/2013	ND (1.0)	**0.3**	NA	CH2M
	01/09/2014	ND (1.0)	**0.34**	NA	CH2M
	06/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/03/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2014	ND (1.0)	**0.46**	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	ND (0.19)	NA	CH2M
	10/07/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	19				
34-14	06/16/2004	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	2				
34-15	06/22/2011	**2.0**	**2.2**	NA	CH2M
	11/28/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/11/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2012	ND (1.0)	**0.62**	NA	CH2M
	07/12/2012*	ND (1.0)	**0.52**	NA	CH2M
	12/26/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2013	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-15	01/08/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	**0.91**	NA	CH2M
	10/10/2013	ND (1.0)	**0.65**	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/02/2014	ND (1.0)	**0.57**	NA	CH2M
	07/08/2014	ND (1.0)	**0.82**	NA	CH2M
	10/09/2014	**1.7**	**1.9**	NA	CH2M
	10/09/2014*	**1.7**	**1.9**	NA	CH2M
	01/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	**0.86**	NA	CH2M
	10/15/2015	**2.1**	**2.3**	NA	Arcadis
No. of Samples:	21				
34-16	01/12/2012	**5.1**	**5.4**	NA	CH2M
	01/30/2012	**4.7**	**3.8**	NA	CH2M
	04/05/2012	**5.7**	**5.4**	NA	CH2M
	07/12/2012	**5.6**	**5.5**	NA	CH2M
	11/12/2012	**5.5**	**5.3**	NA	CH2M
No. of Samples:	5				
34-17	02/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	09/06/2012	ND (1.0)	**0.081**	NA	CH2M
No. of Samples:	2				
34-19	12/22/2010	ND (1.0)	**0.35**	NA	CH2M
	12/02/2011	ND (1.0)	**0.33**	NA	CH2M
	01/17/2012	ND (1.0)	**0.27**	NA	CH2M
	05/04/2012	ND (1.0)	**0.34**	NA	CH2M
	05/04/2012*	ND (1.0)	**0.34**	NA	CH2M
	07/12/2012	ND (1.0)	**0.36**	NA	CH2M
	10/05/2012	ND (1.0)	**0.39**	NA	CH2M
No. of Samples:	7				
34-20	12/21/2011	**1.2**	**1.3**	NA	CH2M
	01/20/2012	ND (1.0)	**0.5**	NA	CH2M
	04/05/2012	**1.7**	**1.8**	NA	CH2M
	07/12/2012	**2.5**	**2.5**	NA	CH2M
	10/04/2012	**1.7**	**1.6**	NA	CH2M
	01/11/2013	ND (1.0)	**0.9**	NA	CH2M
	04/03/2013	**2.3**	**2.3**	NA	CH2M
	07/02/2013	ND (1.0)	**0.37**	NA	CH2M
	10/03/2013	**1.2**	**1.2**	NA	CH2M
No. of Samples:	9				
34-22	11/03/2011	ND (1.0)	**0.11**	NA	CH2M
	01/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/13/2012	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-22	07/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	18				
34-24	01/06/2011	ND (1.0)	**0.21**	NA	CH2M
	01/06/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	11/29/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	01/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	22				
34-25	04/27/2012	**6.3**	**6.5**	NA	CH2M
	07/12/2012	**6.9**	**6.7**	NA	CH2M
No. of Samples:	2				
34-26	01/12/2011	**1.5**	**1.7**	NA	CH2M
	06/14/2012	**2.2**	**2.2**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	2				
34-27	07/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	8				
34-28	01/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	08/23/2012	ND (1.0)	**0.13**	NA	CH2M
No. of Samples:	2				
34-31	03/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/06/2011	**1.8**	**1.5**	NA	CH2M
	07/06/2011*	**2.1**	**1.5**	NA	CH2M
	11/29/2011	ND (1.0)	**0.53**	NA	CH2M
	01/18/2012	ND (1.0)	**0.18**	NA	CH2M
No. of Samples:	5				
34-33	12/03/2012	ND (1.0)	**0.11**	NA	CH2M
	05/08/2013	ND (1.0)	**0.37**	NA	CH2M
	07/10/2013	ND (1.0)	**0.29**	NA	CH2M
	07/10/2013*	ND (1.0)	**0.3**	NA	CH2M
	10/03/2013	ND (1.0)	**0.18**	NA	CH2M
No. of Samples:	5				
34-34	06/16/2004	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/17/2009	ND (1.0)	ND (0.2)	NA	CH2M
	03/25/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/03/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/24/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	9				
34-35	10/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/17/2009	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	2				
34-36	12/17/2009	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	1				
34-37	12/17/2009	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	1				
34-38	01/17/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/05/2009	ND (1.0)	ND (0.2)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-38	01/12/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/29/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/17/2014	ND (1.0)	**0.066**	NA	CH2M
	01/21/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/21/2015	ND (1.0)	**0.089**	NA	Arcadis
	01/04/2016	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	20				
34-43	05/30/2006	**2.15**	**0.839**	NA	CH2M
	05/30/2006*	**3.07**	**0.838**	NA	CH2M
	12/16/2010	ND (1.0)	ND (0.2)	NA	CH2M
	03/07/2011	**1.6**	**1.3**	NA	CH2M
	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	5				
34-44	05/30/2006	**4.36**	**1.53**	NA	CH2M
	04/01/2010	**1.8**	**1.79**	NA	CH2M
	03/08/2011	**2.0**	**1.4**	NA	CH2M
	07/07/2011	**1.6**	**1.5**	NA	CH2M
	11/29/2011	**2.1**	**1.7**	NA	CH2M
	01/17/2012	**1.7**	**1.6**	NA	CH2M
	05/03/2012	**1.7**	**1.6**	NA	CH2M
	07/12/2012	**1.9**	**1.4**	NA	CH2M
	07/12/2012*	**1.8**	**1.5**	NA	CH2M
	10/04/2012	**1.9**	**1.7**	NA	CH2M
No. of Samples:	10				
34-45	05/30/2006	**3.51**	**1.09**	NA	CH2M
	04/01/2010	ND (1.0)	**0.85**	NA	CH2M
	12/22/2010	**2.0**	**1.7**	NA	CH2M
	12/01/2011	**3.3**	**3.0**	NA	CH2M
	12/01/2011*	**3.0**	**2.9**	NA	CH2M
	01/19/2012	**2.6**	**2.6**	NA	CH2M
	05/02/2012	**2.5**	**2.7**	NA	CH2M
	07/12/2012	**2.6**	**2.6**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-45	10/04/2012	**2.9**	**2.8**	NA	CH2M
	01/09/2013	ND (1.0)	**0.67**	NA	CH2M
	04/01/2013	ND (1.0)	**0.33**	NA	CH2M
	07/09/2013	**1.2**	**1.6**	NA	CH2M
	10/04/2013	**1.4**	**1.5**	NA	CH2M
	10/04/2013*	**1.3**	**1.4**	NA	CH2M
No. of Samples:	14				
34-46	09/14/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/20/2007	**1.22**	ND (0.2)	NA	CH2M
No. of Samples:	2				
34-47	04/12/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/12/2007*	ND (1.0)	ND (0.2)	NA	CH2M
	01/04/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/07/2011	ND (1.0)	**0.33**	NA	CH2M
	11/29/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	12/10/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	**0.085**	NA	CH2M
	07/07/2015*	ND (1.0)	**0.076**	NA	CH2M
	10/13/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/11/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	07/06/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	10/03/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/10/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/10/2017	ND (1.0)	**0.091**	NA	Arcadis
	10/03/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/15/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/02/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/19/2019	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	26				
34-48	08/22/2007	**3.25**	**3.31**	NA	CH2M
No. of Samples:	1				
34-50	08/17/2011	**1.0**	**1.0**	NA	CH2M
	11/30/2011	**1.2**	**1.0**	NA	CH2M
	11/12/2012	ND (1.0)	**0.96**	NA	CH2M
	01/11/2013	ND (1.0)	**0.97**	NA	CH2M
	04/01/2013	ND (1.0)	**1.0**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-50	07/10/2013	ND (1.0)	**0.99**	NA	CH2M
	10/04/2013	ND (1.0)	**0.93**	NA	CH2M
	01/15/2014	**1.0**	**1.0**	NA	CH2M
	04/04/2014	ND (1.0)	**0.87**	NA	CH2M
	07/14/2014	**1.0**	**0.97**	NA	CH2M
	07/14/2014*	ND (1.0)	**0.96**	NA	CH2M
	10/15/2014	ND (1.0)	**0.9**	NA	CH2M
	01/14/2015	ND (1.0)	**0.75**	NA	CH2M
	04/09/2015	**1.0**	**1.0**	NA	CH2M
	07/07/2015	**1.0**	**1.1**	NA	CH2M
	10/15/2015	ND (1.0)	**0.81**	NA	Arcadis
	01/04/2016	ND (1.0)	**0.9**	NA	Arcadis
	04/04/2016	ND (1.0)	**0.77**	NA	Arcadis
	07/05/2016	**1.2**	**0.89**	NA	Arcadis
	10/03/2016	**1.1**	**0.94**	NA	Arcadis
	01/09/2017	**1.1**	**0.94**	NA	Arcadis
	10/02/2017	**1.0**	**0.97**	NA	Arcadis
No. of Samples:	22				
34-51	03/25/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	2				
34-56	01/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/12/2011	ND (1.0)	**0.54**	NA	CH2M
	12/02/2011	ND (1.0)	**0.59**	NA	CH2M
	01/20/2012	ND (1.0)	**0.5**	NA	CH2M
	01/20/2012*	ND (1.0)	**0.52**	NA	CH2M
	05/03/2012	ND (1.0)	**0.39**	NA	CH2M
	07/24/2012	ND (1.0)	**0.29**	NA	CH2M
	10/05/2012	ND (1.0)	**0.25**	NA	CH2M
No. of Samples:	8				
34-57	12/22/2010	ND (1.0)	**1.1**	NA	CH2M
	10/19/2011	**1.2**	**1.2**	NA	CH2M
	01/09/2012	ND (1.0)	**1.0**	NA	CH2M
	05/09/2012	ND (1.0)	**1.0**	NA	CH2M
	07/13/2012	**1.5**	**1.5**	NA	CH2M
	10/12/2012	**2.0**	**1.5**	NA	CH2M
	01/15/2013	ND (1.0)	**0.093**	NA	CH2M
	01/15/2013*	ND (1.0)	**0.094**	NA	CH2M
	04/03/2013	**1.2**	**1.1**	NA	CH2M
	10/14/2013	ND (1.0)	**0.11**	NA	CH2M
	01/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2014	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-57	10/21/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2015	ND (1.0)	**0.2**	NA	Arcadis
No. of Samples:	16				
34-58	01/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/29/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2012	ND (1.0)	**0.1**	NA	CH2M
	12/11/2012	ND (1.0)	ND (0.06)	NA	CH2M
	03/13/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2014	ND (1.0)	**0.22**	NA	CH2M
	10/15/2014	ND (1.0)	**0.32**	NA	CH2M
	10/15/2014*	ND (1.0)	**0.31**	NA	CH2M
	01/20/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015	ND (1.0)	**0.23**	NA	CH2M
No. of Samples:	16				
34-59	01/04/2011	**1.1**	**1.0**	NA	CH2M
	11/28/2011	**1.6**	**1.5**	NA	CH2M
	01/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	**0.75**	NA	CH2M
	10/08/2012	**1.7**	**1.8**	NA	CH2M
	11/07/2013	ND (1.0)	**0.32**	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/06/2014	**1.7**	**1.7**	NA	CH2M
	01/16/2015	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	**0.33**	NA	CH2M
	07/07/2015	**1.8**	**2.0**	NA	CH2M
	10/13/2015	ND (1.0)	**0.68**	NA	Arcadis
	01/20/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2016	ND (1.0)	**0.14**	NA	Arcadis
	07/06/2016	**1.8**	**1.7**	NA	Arcadis
	10/03/2016	**2.3**	**2.2**	NA	Arcadis
	01/09/2017	ND (1.0)	**0.92**	NA	Arcadis
	04/04/2017	ND (1.0)	**0.24**	NA	Arcadis
	07/10/2017	**1.9**	**2.3**	NA	Arcadis
	10/03/2017	**2.0**	**2.2**	NA	Arcadis

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34-59	01/15/2018	ND (1.0)	**0.19**	NA	Arcadis
	04/02/2018	**2.0**	**2.3**	NA	Arcadis
	07/10/2018	**2.1**	**2.3**	NA	Arcadis
	07/19/2019	**2.1**	**2.3**	NA	Arcadis
No. of Samples:	28				
34-60	01/26/2011	ND (1.0)	ND (0.2 J)	NA	CH2M
	01/26/2011*	ND (1.0)	0.47 J	NA	CH2M
	11/29/2011	ND (1.0)	ND (0.06)	NA	CH2M
	11/29/2011*	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/19/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2012	ND (1.0)	**0.072**	NA	CH2M
	01/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/04/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/13/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	02/01/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/05/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	07/06/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	10/04/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/10/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/10/2017	ND (1.0)	**0.082**	NA	Arcadis
	10/09/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/16/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/19/2019	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	33				
34-62	12/16/2011	ND (1.0)	**0.22**	NA	CH2M
	03/02/2012	**1.9**	**1.1**	NA	CH2M
	05/09/2012	**2.4**	**1.8**	NA	CH2M
	12/03/2012	**2.8**	**1.9**	NA	CH2M
	07/15/2013	**2.3**	**1.5**	NA	CH2M

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34-62	10/11/2013	**1.8**	**1.3**	NA	CH2M
	01/20/2014	**2.1**	**0.79**	NA	CH2M
	07/09/2014	**1.8**	**0.71**	NA	CH2M
No. of Samples:	8				
34-63	12/07/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2013	ND (1.0)	**0.14**	NA	CH2M
	04/03/2013	ND (1.0)	**0.3**	NA	CH2M
	07/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2013	**1.4**	**1.3**	NA	CH2M
	01/15/2014	ND (1.0)	**0.84**	NA	CH2M
	04/10/2014	ND (1.0)	**0.25**	NA	CH2M
	07/08/2014	ND (1.0)	**0.36**	NA	CH2M
	10/09/2014	ND (1.0)	**0.12**	NA	CH2M
	01/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	**0.52**	NA	CH2M
	10/15/2015	ND (1.0)	**0.22**	NA	Arcadis
	01/04/2016	ND (1.0)	**0.72**	NA	Arcadis
	04/04/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	07/05/2016	ND (1.0)	**0.074**	NA	Arcadis
	10/03/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/09/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	10/02/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/15/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/02/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/09/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	01/14/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/01/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	07/08/2019	ND (1.0)	**0.39**	NA	Arcadis
	10/07/2019	ND (1.0)	**0.1**	NA	Arcadis
	01/13/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2020*	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	30				
34-64	10/06/2011	ND (1.0)	**0.99**	NA	CH2M
	01/09/2012	**1.0**	**1.2**	NA	CH2M
	04/05/2012	**1.2**	**1.3**	NA	CH2M
	07/24/2012	**1.2**	**1.3**	NA	CH2M
No. of Samples:	4				
34-65	05/18/2011	**3.5**	**3.3**	NA	CH2M
	05/31/2011	**3.4**	**3.4**	NA	CH2M
	07/07/2011	**3.2**	**3.4**	NA	CH2M
	11/11/2011	**3.4**	**3.3**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-65	01/18/2012	**2.6**	**2.7**	NA	CH2M
	04/05/2012	**3.1**	**3.3**	NA	CH2M
	04/05/2012*	**3.0**	**3.3**	NA	CH2M
	07/13/2012	**3.2**	**3.2**	NA	CH2M
	07/13/2012*	**3.2**	**3.1**	NA	CH2M
	10/04/2012	**3.1**	**3.3**	NA	CH2M
	01/16/2013	**3.7**	**3.3**	NA	CH2M
	04/04/2013	**3.5**	**3.3**	NA	CH2M
	07/11/2013	**3.0**	**3.4**	NA	CH2M
	10/04/2013	**3.1**	**3.4**	NA	CH2M
	01/16/2014	**3.2**	**3.3**	NA	CH2M
	06/03/2014	**3.2**	**3.2**	NA	CH2M
	07/15/2014	**3.3**	**3.1**	NA	CH2M
No. of Samples:	17				
34-66	05/18/2011	**2.4**	**2.2**	NA	CH2M
	05/31/2011	**2.0**	**1.5**	NA	CH2M
	07/07/2011	**2.4**	**2.6**	NA	CH2M
	07/07/2011*	**2.3**	**2.6**	NA	CH2M
	11/11/2011	**1.2**	**1.4**	NA	CH2M
	01/18/2012	ND (1.0)	**1.0**	NA	CH2M
	04/05/2012	ND (1.0)	**1.1**	NA	CH2M
	07/13/2012	**1.2**	**1.2**	NA	CH2M
	10/04/2012	**1.1**	**1.2**	NA	CH2M
	01/16/2013	ND (1.0)	**0.87**	NA	CH2M
	01/16/2013*	ND (1.0)	**0.87**	NA	CH2M
	04/03/2013	**1.2**	**1.2**	NA	CH2M
	07/11/2013	**2.0**	**2.5**	NA	CH2M
	10/04/2013	ND (1.0)	**0.91**	NA	CH2M
	01/16/2014	ND (1.0)	**0.61**	NA	CH2M
	01/16/2014*	ND (1.0)	**0.22**	NA	CH2M
	06/03/2014	**1.2**	**1.2**	NA	CH2M
	07/15/2014	**1.5**	**1.5**	NA	CH2M
No. of Samples:	18				
34-72	07/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/29/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	**0.18**	NA	CH2M
	10/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	6				
34-73	07/12/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/30/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/10/2012*	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-73	04/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	06/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	19				
34-74	07/12/2011	**2.3**	**2.7**	NA	CH2M
	11/30/2011	**2.2**	**2.0**	NA	CH2M
	01/10/2012	**1.8**	**1.5**	NA	CH2M
	04/09/2012	ND (1.0)	**0.32**	NA	CH2M
	07/13/2012	**2.4**	**2.2**	NA	CH2M
	10/04/2012	**2.5**	**2.4**	NA	CH2M
	10/04/2012*	**2.5**	**2.3**	NA	CH2M
	01/11/2013	ND (1.0)	**0.6**	NA	CH2M
	04/03/2013	**2.3**	**2.0**	NA	CH2M
	07/09/2013	**2.2**	**1.7**	NA	CH2M
	07/09/2013*	**2.2**	**1.5**	NA	CH2M
	10/04/2013	**2.2**	**1.6**	NA	CH2M
	01/13/2014	ND (1.0)	**0.2**	NA	CH2M
	06/03/2014	**2.1**	**1.6**	NA	CH2M
	07/10/2014	**2.2**	**1.6**	NA	CH2M
	10/16/2014	**2.4**	**2.0**	NA	CH2M
	01/09/2015	**1.5**	**1.3**	NA	CH2M
	04/09/2015	**2.3**	**1.9**	NA	CH2M
	07/07/2015	**2.3**	**1.9**	NA	CH2M
	10/07/2015	**2.4**	**2.0**	NA	Arcadis
No. of Samples:	20				
34-76	10/27/2011	ND (1.0)	**0.22**	NA	CH2M
	11/29/2011	ND (1.0)	**0.12**	NA	CH2M
	01/23/2012	ND (1.0)	**0.064**	NA	CH2M
	05/03/2012	ND (1.0)	**0.21**	NA	CH2M
	07/20/2012	ND (1.0)	**0.42**	NA	CH2M
	10/05/2012	ND (1.0)	**0.27**	NA	CH2M
	01/18/2013	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-76	04/03/2013	ND (1.0)	**0.22**	NA	CH2M
	07/10/2013	ND (1.0)	**0.45**	NA	CH2M
	10/07/2013	ND (1.0)	**0.12**	NA	CH2M
No. of Samples:	10				
34-77	11/22/2011	**1.2**	**1.0**	NA	CH2M
	01/10/2012	ND (1.0)	**0.98**	NA	CH2M
	04/05/2012	ND (1.0)	**0.62**	NA	CH2M
	07/16/2012	ND (1.0)	**1.1**	NA	CH2M
	10/05/2012	**1.1**	**1.0**	NA	CH2M
	01/09/2013	ND (1.0)	**0.74**	NA	CH2M
	04/04/2013	**1.2**	**1.2**	NA	CH2M
	07/10/2013	ND (1.0)	**1.2**	NA	CH2M
	10/04/2013	**1.1**	**1.1**	NA	CH2M
	10/04/2013*	**1.1**	**1.1**	NA	CH2M
	01/07/2014	**1.1**	**0.99**	NA	CH2M
	04/01/2014	**1.1**	**1.2**	NA	CH2M
	07/08/2014	**1.1**	**1.1**	NA	CH2M
	10/13/2014	**1.2**	**1.1**	NA	CH2M
	10/13/2014*	**1.1**	**1.1**	NA	CH2M
	01/15/2015	**1.1**	**1.2**	NA	CH2M
	04/10/2015	**1.2**	**1.1**	NA	CH2M
	07/07/2015	**1.0**	**1.1**	NA	CH2M
	10/07/2015	**1.0**	**0.88**	NA	Arcadis
	01/04/2016	ND (1.0)	**0.63**	NA	Arcadis
	04/04/2016	ND (1.0)	**0.47**	NA	Arcadis
	07/05/2016	ND (1.0)	**0.98**	NA	Arcadis
	10/03/2016	**1.1**	**1.1**	NA	Arcadis
	01/09/2017	ND (1.0)	**0.57**	NA	Arcadis
	04/03/2017	**1.0**	**1.1**	NA	Arcadis
	07/10/2017	ND (1.0)	**1.0**	NA	Arcadis
	01/15/2018	ND (1.0)	**1.0**	NA	Arcadis
	07/09/2018	ND (1.0)	**1.0**	NA	Arcadis
	10/08/2018	**1.0**	**1.0**	NA	Arcadis
	01/14/2019	**1.1**	**0.96**	NA	Arcadis
	04/01/2019	ND (1.0)	**1.1**	NA	Arcadis
	07/08/2019	ND (1.0)	**1.1**	NA	Arcadis
	10/07/2019	ND (1.0)	**0.98**	NA	Arcadis
	01/13/2020	ND (1.0)	**0.9**	NA	Arcadis
	04/06/2020	ND (1.0)	**0.87**	NA	Arcadis
No. of Samples:	35				
34-78	12/21/2011	ND (1.0)	**0.6**	NA	CH2M
	05/15/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	**0.13**	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
34-78	01/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	**1.6**	**1.8**	NA	CH2M
No. of Samples:	6				
34-79	07/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	2				
34-80	01/31/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/15/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/15/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	10/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	4				
34-81	07/09/2012	**2.8**	**2.1**	NA	CH2M
	07/09/2012*	**2.8**	**2.4**	NA	CH2M
	10/08/2012	**3.3**	**3.0**	NA	CH2M
	01/10/2013	**2.9**	**2.4**	NA	CH2M
	04/08/2013	**3.3**	**2.7**	NA	CH2M
No. of Samples:	5				
34E-01	02/13/2007	**1.21**	**0.975**	NA	CH2M
No. of Samples:	1				
35-02	06/20/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	1				
35-03	04/11/2008	ND (1.0)	ND (1.0)	NA	CH2M
	06/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/10/2008*	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2008	ND (1.0 J)	ND (0.2)	NA	CH2M
	11/07/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/19/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/12/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/19/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	12				
35-04	05/24/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	07/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	08/16/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	09/27/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	09/27/2001*	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	10/24/2001	1.4 J	ND (0.2)	ND (10)	ALISTO
	10/24/2001*	1.2 J	ND (0.2)	ND (10)	ALISTO
	11/19/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	11/19/2001*	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/05/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
35-04	12/05/2001*	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	01/23/2002	**1.7**	ND (0.2)	NA	CH2M
	02/13/2002	**1.6**	ND (0.2)	NA	CH2M
	03/26/2002	**9.1**	ND (0.2)	NA	CH2M
	04/15/2002	**1.7**	ND (0.2)	NA	CH2M
	05/21/2002	**2.3**	ND (0.2)	NA	CH2M
	06/25/2002	ND (1.0)	ND (0.2)	NA	CH2M
	07/24/2002	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	09/25/2002	**1.1**	ND (0.2)	NA	CH2M
	09/25/2002*	**1.0**	ND (0.2)	NA	CH2M
	10/16/2002	**1.4**	ND (0.2)	NA	CH2M
	11/13/2002	ND (1.0)	ND (0.2)	NA	CH2M
	12/18/2002	**1.6**	ND (0.2)	NA	CH2M
	01/22/2003	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2003	**1.1**	ND (0.2)	NA	CH2M
	03/28/2003	**1.0**	ND (0.2)	NA	CH2M
	04/18/2003	ND (1.0)	ND (0.2)	NA	CH2M
	04/12/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/12/2007*	ND (1.0)	ND (0.2)	NA	CH2M
	04/11/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/06/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/14/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/12/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/19/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/05/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/24/2011	ND (1.1)	ND (0.2)	NA	CH2M
	04/04/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/12/2011	ND (1.0)	ND (0.2)	NA	CH2M
	12/01/2011	ND (1.0)	ND (0.06)	NA	CH2M
	01/11/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2013	ND (1.0)	ND (0.06 J)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	53				
35-07A	06/06/2001	**250**	**261**	NA	ALISTO

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
35-07A	08/15/2002	**272**	NA	**266**	CH2M
No. of Samples:	2				
35-08	06/21/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	1				
35-10A	03/08/2001	**740**	NA	**680**	ALISTO
	05/23/2001	**190**	**153**	**150**	ALISTO
	09/27/2001	**710**	NA	**600**	ALISTO
	12/06/2001	**520**	NA	**520**	ALISTO
	08/15/2003	**149**	NA	**165**	CH2M
	02/19/2004	**197**	NA	**178**	CH2M
	03/22/2006	**13.1**	ND (0.2)	NA	CH2M
	04/14/2008	**19.5**	ND (0.2)	NA	Arcadis
No. of Samples:	8				
35-11	03/07/2001	**75**	NA	**69**	ALISTO
	05/22/2001	**35**	**36.7**	**34**	ALISTO
No. of Samples:	2				
35-12	09/27/2001	**1,200**	NA	**1,100**	ALISTO
	12/07/2001	**1,100**	NA	**1,100**	ALISTO
	08/15/2003	**971**	NA	**1,080**	CH2M
	02/19/2004	**1,500**	NA	**1,170**	CH2M
	02/10/2005	**865**	NA	**978**	CH2M
	04/14/2008	**420**	**34.1**	NA	Arcadis
No. of Samples:	6				
35-13	02/18/2004	**80.6**	NA	**84**	CH2M
No. of Samples:	1				
35-14	03/08/2001	ND (20)	NA	ND (10)	ALISTO
	05/24/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	10/05/2001	3.5 J	ND (0.2)	ND (10)	ALISTO
	12/06/2001	2.3 J	NA	ND (10)	ALISTO
	02/12/2002	**17.5**	ND (0.2)	NA	CH2M
	02/12/2002*	**16.9**	ND (0.2)	NA	CH2M
	05/23/2002	**7.5**	ND (0.2)	NA	CH2M
	08/21/2002	**3.5**	ND (0.2)	NA	CH2M
	11/11/2002	**5.6**	ND (0.2)	NA	CH2M
	02/17/2003	**1.7**	ND (0.2)	NA	CH2M
	08/19/2003	**1.7**	ND (0.2)	NA	CH2M
	02/20/2004	**5.8**	ND (0.2)	NA	CH2M
	04/14/2008	**4.89**	**1.11**	NA	Arcadis
No. of Samples:	13				
35-17	03/08/2001	**50**	NA	**52**	ALISTO
	05/23/2001	**57**	**56.6**	**57**	ALISTO
	09/25/2001	**310**	NA	**310**	ALISTO
	12/13/2001	**320**	NA	**310**	ALISTO
	08/19/2003	**436**	NA	**424**	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
35-17	02/19/2004	**362**	NA	**306**	CH2M
No. of Samples:	6				
35-18	04/10/2008	**429**	**383**	NA	Arcadis
No. of Samples:	1				
35-23A	10/14/2005	**2.85**	**1.6**	NA	CH2M
	12/08/2005	**1.89**	**1.09**	NA	CH2M
	01/17/2006	**5.91**	**3.07**	NA	CH2M
	02/21/2006	**5.03**	**4.16**	NA	CH2M
	04/17/2006	**7.52**	**0.886**	NA	CH2M
	06/13/2006	**7.74**	**2.38**	NA	CH2M
	08/09/2006	**6.86**	**7.48**	NA	CH2M
	10/17/2006	**3.57**	**3.13**	NA	CH2M
No. of Samples:	8				
35-26	03/08/2001	15 J	NA	ND (10)	ALISTO
	05/23/2001	**770**	**653**	**647**	ALISTO
	09/27/2001	**600**	NA	**580**	ALISTO
	12/07/2001	**690**	NA	**620**	ALISTO
	08/15/2003	**176**	NA	**201**	CH2M
	02/19/2004	**269**	NA	**212**	CH2M
	03/22/2006	**14.5**	**9.8**	NA	CH2M
	04/14/2008	**160**	**0.322**	NA	Arcadis
	04/14/2008*	**181**	**0.656**	NA	Arcadis
No. of Samples:	9				
35-33	03/08/2001	ND (20)	NA	NA	ALISTO
	09/28/2001	**270**	NA	NA	ALISTO
	12/07/2001	**350**	NA	NA	ALISTO
	02/13/2002	**412**	NA	NA	CH2M
	05/20/2002	**398**	NA	**339**	CH2M
	08/15/2002*	**364**	NA	**361**	CH2M
	11/14/2002	**314**	NA	**308**	CH2M
	02/21/2003	**322**	NA	**332**	CH2M
	08/15/2003	**306**	NA	**331**	CH2M
	02/18/2004	**462**	NA	**306**	CH2M
	02/10/2005	**6.96**	**2.15**	NA	CH2M
No. of Samples:	11				
36-01	05/25/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	09/28/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/07/2001	5.0 J	ND (0.2)	ND (10)	ALISTO
	02/15/2002	**1.6**	ND (0.2)	NA	CH2M
	05/23/2002	**1.6**	ND (0.2)	NA	CH2M
	02/23/2006	**3.68**	ND (0.2)	NA	CH2M
	04/27/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/22/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/18/2008	ND (1.0)	ND (0.2)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
36-01	08/11/2008	**1.31**	**0.44**	NA	CH2M
No. of Samples:	10				
36-02	02/21/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	1				
36-03	05/25/2001	**1.8**	**1.0**	ND (10)	ALISTO
	07/05/2001	1.7 J	0.4 J	ND (10)	ALISTO
	08/16/2001	**2.5**	**2.3**	ND (10)	ALISTO
	09/27/2001	1.6 J	ND (0.2)	ND (10)	ALISTO
	10/24/2001	0.5 J	ND (0.2)	ND (10)	ALISTO
	11/20/2001	3.1 J	ND (0.2)	ND (10)	ALISTO
	12/05/2001	ND (10)	0.57 J	ND (10)	ALISTO
	01/22/2002	**3.4**	**0.32**	NA	CH2M
	02/11/2002	**5.2**	**2.1**	NA	CH2M
	03/26/2002	**10.2**	**2.0**	NA	CH2M
	04/15/2002	**6.2**	**1.7**	NA	CH2M
	05/22/2002	**2.6**	**1.9**	NA	CH2M
	07/23/2002	**1.8**	**1.7**	NA	CH2M
	08/21/2002	**7.4**	**1.7**	NA	CH2M
	09/25/2002	**11.6**	**1.8**	NA	CH2M
	10/16/2002	**5.0**	**0.22**	NA	CH2M
	11/14/2002	**2.1**	ND (0.2)	NA	CH2M
	12/18/2002	**2.9**	**0.67**	NA	CH2M
	01/22/2003	**2.7**	**0.25**	NA	CH2M
	02/21/2003	**2.7**	ND (0.2)	NA	CH2M
	03/28/2003	**2.9**	**0.27**	NA	CH2M
	04/18/2003	**4.3**	**0.25**	NA	CH2M
	08/24/2004	**3.77**	**1.4**	NA	CH2M
	10/12/2004	**1.99**	ND (0.2)	NA	CH2M
	12/09/2004	**1.81**	ND (0.2)	NA	CH2M
	02/09/2005	**1.59**	ND (0.2)	NA	CH2M
	04/15/2005	**1.35**	ND (0.2)	NA	CH2M
	06/07/2005	**3.21**	ND (0.2)	NA	CH2M
	08/23/2005	**1.05**	**0.27**	NA	CH2M
	10/14/2005	**2.14**	**1.11**	NA	CH2M
	12/05/2005	**1.64**	ND (0.2)	NA	CH2M
	02/21/2006	**2.36**	**0.249**	NA	CH2M
	04/17/2006	**8.5**	**0.421**	NA	CH2M
	06/13/2006	**8.72**	**1.38**	NA	CH2M
	08/09/2006	ND (1.0)	**1.04**	NA	CH2M
	10/17/2006	ND (1.0)	**0.882**	NA	CH2M
	12/05/2006	ND (1.0)	**1.03**	NA	CH2M
	02/14/2007	ND (1.0)	**0.58**	NA	CH2M
	04/11/2007	ND (1.0)	**0.613**	NA	CH2M
	06/19/2007	**1.26**	**1.02**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
36-03	08/16/2007	**2.12**	**0.522**	NA	CH2M
	10/17/2007	ND (1.0)	**0.246**	NA	CH2M
	12/04/2007	ND (1.0)	**0.319**	NA	CH2M
	02/12/2008	**1.15**	**0.217**	NA	CH2M
	04/08/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/12/2008	**1.0**	**0.6**	NA	CH2M
	08/06/2008	ND (1.0)	**0.24**	NA	CH2M
	11/06/2008	ND (1.0)	**0.36**	NA	CH2M
	02/10/2009	ND (1.0)	**0.21**	NA	CH2M
	05/13/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2009	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	51				
36-06B	03/07/2011	**1.8**	**1.2**	NA	CH2M
	08/16/2011	**1.3**	**1.2**	NA	CH2M
	11/29/2011	**1.5**	**1.0**	NA	CH2M
	01/10/2012	ND (1.0)	**0.8**	NA	CH2M
	04/05/2012	ND (1.0)	**0.82**	NA	CH2M
	04/05/2012*	ND (1.0)	**0.83**	NA	CH2M
	07/17/2012	ND (1.0)	**0.88**	NA	CH2M
	10/05/2012	**1.1**	**1.3**	NA	CH2M
	01/11/2013	**1.3**	**1.4**	NA	CH2M
	01/11/2013*	**1.4**	**1.5**	NA	CH2M
	04/02/2013	**1.1**	**1.3**	NA	CH2M
	07/09/2013	**1.3**	**1.4**	NA	CH2M
No. of Samples:	12				
36-17	02/19/2002	**1.8**	**0.95**	NA	CH2M
	02/19/2002*	**1.9**	**0.91**	NA	CH2M
	11/21/2011	**1.1**	**1.0**	NA	CH2M
	01/03/2012	ND (1.0)	**0.98**	NA	CH2M
	05/09/2012	ND (1.0)	**1.0**	NA	CH2M
	07/16/2012	ND (1.0)	**0.92**	NA	CH2M
	10/02/2012	**1.0**	**1.0**	NA	CH2M
	01/07/2013	ND (1.0)	**0.86**	NA	CH2M
	04/02/2013	ND (1.0)	**0.89**	NA	CH2M
	07/01/2013	ND (1.0)	**1.1**	NA	CH2M
	10/02/2013	**1.0**	**1.1**	NA	CH2M
	01/14/2014	ND (1.0)	**0.87**	NA	CH2M
	04/01/2014	ND (1.0)	**0.96**	NA	CH2M
	07/02/2014	**1.1**	**1.1**	NA	CH2M
No. of Samples:	14				
36-20	11/15/2011	ND (1.0)	**0.55**	NA	CH2M
	01/03/2012	ND (1.0)	**0.38**	NA	CH2M
	05/09/2012	ND (1.0)	**0.51**	NA	CH2M
	07/16/2012	ND (1.0)	**0.45**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
36-20	10/02/2012	ND (1.0)	**0.5**	NA	CH2M
	01/07/2013	ND (1.0)	**0.42**	NA	CH2M
	04/02/2013	ND (1.0)	**0.47**	NA	CH2M
	04/02/2013*	ND (1.0)	**0.46**	NA	CH2M
	07/01/2013	ND (1.0)	**0.47**	NA	CH2M
	10/02/2013	ND (1.0)	**0.51**	NA	CH2M
	01/10/2014	ND (1.0)	**0.46**	NA	CH2M
	04/01/2014	ND (1.0)	**0.52**	NA	CH2M
No. of Samples:	12				
36-22	11/15/2011	ND (1.0)	**0.6**	NA	CH2M
	01/03/2012	ND (1.0)	**0.47**	NA	CH2M
	05/09/2012	ND (1.0)	**0.48**	NA	CH2M
	07/16/2012	ND (1.0)	**0.48**	NA	CH2M
	10/02/2012	ND (1.0)	**0.49**	NA	CH2M
	01/07/2013	ND (1.0)	**0.35**	NA	CH2M
	04/02/2013	ND (1.0)	**0.48**	NA	CH2M
	07/01/2013	ND (1.0)	**0.55**	NA	CH2M
	10/02/2013	ND (1.0)	**0.5**	NA	CH2M
	01/10/2014	ND (1.0)	**0.35**	NA	CH2M
	04/01/2014	ND (1.0)	**0.53**	NA	CH2M
No. of Samples:	11				
36-24	07/23/2002	**2.5**	**2.1**	NA	CH2M
	08/12/2003	**5.9**	**1.9**	NA	CH2M
	07/27/2006	**1.8**	1.64 J	NA	CH2M
	08/22/2007	**1.61**	**1.65**	NA	CH2M
	05/13/2009	**1.44**	**1.11**	NA	CH2M
	08/02/2010	**1.5**	**1.8**	NA	CH2M
	10/28/2010	**1.8**	**1.9**	NA	CH2M
	03/03/2011	**1.5**	**1.8**	NA	CH2M
	07/14/2011	**1.6**	**1.6**	NA	CH2M
	11/28/2011	**1.9**	**1.8**	NA	CH2M
	01/12/2012	**1.4**	**1.6**	NA	CH2M
	01/12/2012*	**1.5**	**1.6**	NA	CH2M
	07/13/2012	**1.5**	**1.6**	NA	CH2M
	10/10/2012	**1.8**	**1.7**	NA	CH2M
	10/10/2012*	**1.8**	**1.7**	NA	CH2M
	01/11/2013	**1.2**	**0.93**	NA	CH2M
No. of Samples:	16				
36-25	05/25/2001	**3.0**	**3.9**	ND (10)	ALISTO
	10/04/2001	**5.2**	**2.1**	ND (10)	ALISTO
	12/07/2001	3.7 J	4.2 J	ND (10)	ALISTO
	07/27/2006	**2.01**	**1.7**	NA	CH2M
	01/05/2011	**2.3**	**2.2**	NA	CH2M
	12/06/2011	**1.8**	**1.7**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
36-25	01/13/2012	**1.3**	**1.4**	NA	CH2M
	04/05/2012	**1.1**	**1.3**	NA	CH2M
	07/13/2012	**1.1**	**1.2**	NA	CH2M
	10/05/2012	**1.2**	**1.3**	NA	CH2M
	01/14/2013	**1.2**	**1.2**	NA	CH2M
	04/02/2013	**1.0**	**1.2**	NA	CH2M
	07/02/2013	**1.2**	**1.3**	NA	CH2M
	07/02/2013*	**1.2**	**1.4**	NA	CH2M
	10/03/2013	**1.5**	**1.5**	NA	CH2M
	01/14/2014	**1.4**	**1.5**	NA	CH2M
	04/01/2014	**1.3**	**1.4**	NA	CH2M
	07/02/2014	**1.5**	**1.6**	NA	CH2M
No. of Samples:	18				
36-26	06/09/2010	**1.8**	**2.1**	NA	CH2M
	01/05/2011	**2.0**	**1.6**	NA	CH2M
	10/19/2011	**2.7**	**2.1**	NA	CH2M
	01/10/2012	**2.1**	**2.0**	NA	CH2M
	04/04/2012	**1.7**	**1.6**	NA	CH2M
	07/16/2012	**1.7**	**1.2**	NA	CH2M
	10/04/2012	**1.8**	**1.7**	NA	CH2M
	01/16/2013	**1.8**	**1.6**	NA	CH2M
	04/10/2013	**2.2**	**2.1**	NA	CH2M
	07/02/2013	**2.2**	**2.1**	NA	CH2M
	10/01/2013	**2.0**	**1.2**	NA	CH2M
	01/15/2014	**2.0**	**1.7**	NA	CH2M
	04/03/2014	**1.8**	**1.5**	NA	CH2M
	04/03/2014*	**1.8**	**1.4**	NA	CH2M
	07/02/2014	**1.9**	**1.9**	NA	CH2M
	10/15/2014	**1.8**	**1.9**	NA	CH2M
	01/15/2015	**1.5**	**1.6**	NA	CH2M
	04/02/2015	**1.7**	**1.6**	NA	CH2M
	07/08/2015	**1.7**	**1.5**	NA	CH2M
	10/08/2015	**1.3**	**0.9**	NA	Arcadis
	01/05/2016	**1.4**	**0.81**	NA	Arcadis
	04/05/2016	**1.8**	**1.6**	NA	Arcadis
	07/06/2016	**1.7**	**1.2**	NA	Arcadis
	10/04/2016	**1.9**	**1.5**	NA	Arcadis
	04/04/2017	**1.8**	**1.3**	NA	Arcadis
	07/11/2017	**1.1**	**0.89**	NA	Arcadis
	10/03/2017	**1.8**	**1.5**	NA	Arcadis
	01/16/2018	**2.0**	**1.6**	NA	Arcadis
	04/03/2018	**1.6**	**1.3**	NA	Arcadis
	07/10/2018	**2.1**	**1.1**	NA	Arcadis
	10/09/2018	**2.1**	**1.9**	NA	Arcadis
	01/15/2019	**2.1**	**1.7**	NA	Arcadis

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36-26	01/15/2019*	**2.1**	**1.7**	NA	Arcadis
	04/05/2019	**1.7**	**1.7**	NA	Arcadis
	07/08/2019	**2.0**	**1.3**	NA	Arcadis
	10/08/2019	**2.1**	**1.8**	NA	Arcadis
	01/14/2020	ND (1.0)	**0.6**	NA	Arcadis
	04/07/2020	ND (1.0)	**0.24**	NA	Arcadis
No. of Samples:	38				
36-31	07/09/2012	**1.6**	**1.9**	NA	CH2M
	10/18/2012	**1.8**	**1.9**	NA	CH2M
	01/17/2013	**1.8**	**1.6**	NA	CH2M
	01/17/2013*	**1.9**	**1.7**	NA	CH2M
	04/02/2013	**1.3**	**1.5**	NA	CH2M
	07/02/2013	**1.5**	**1.5**	NA	CH2M
	10/02/2013	**1.6**	**1.5**	NA	CH2M
	04/01/2014	**1.4**	**1.4**	NA	CH2M
	07/10/2014	**1.4**	**1.3**	NA	CH2M
	10/14/2014	**1.3**	**1.3**	NA	CH2M
	01/15/2015	**1.4**	**1.4**	NA	CH2M
	04/09/2015	**1.5**	**1.2**	NA	CH2M
	07/08/2015	**1.3**	**1.4**	NA	CH2M
No. of Samples:	13				
36-35	05/24/2001	ND (2.5)	**2.0**	ND (10)	ALISTO
	09/28/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/07/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	02/07/2002	ND (1.0)	**0.45**	NA	CH2M
	05/22/2002	**2.9**	ND (0.2)	NA	CH2M
	08/15/2002	ND (1.0)	ND (0.2)	NA	CH2M
	11/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	08/24/2004	**4.64**	**1.15**	NA	CH2M
	10/12/2004	**1.22**	**0.321**	NA	CH2M
	12/09/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2005	**1.24**	ND (0.2)	NA	CH2M
	04/15/2005	ND (1.0)	ND (0.2)	NA	CH2M
	06/07/2005	**1.54**	ND (0.2)	NA	CH2M
	08/24/2005	ND (1.0)	**0.263**	NA	CH2M
	10/14/2005	**1.4**	ND (0.2)	NA	CH2M
	08/09/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/11/2007	ND (1.0)	ND (0.2)	NA	CH2M
	06/19/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/16/2007	ND (1.0)	**0.645**	NA	CH2M
	10/17/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2008	ND (1.0)	ND (0.2)	NA	CH2M
	04/08/2008	ND (1.0)	ND (0.2)	NA	CH2M

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36-35	06/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2008	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	25				
36-41	12/13/2010	**2.2**	**1.7**	NA	CH2M
	11/29/2011	**1.3**	**0.56**	NA	CH2M
	11/29/2011*	ND (1.0)	**0.6**	NA	CH2M
	01/11/2012	**1.4**	**1.6**	NA	CH2M
	04/04/2012	ND (1.0)	**1.1**	NA	CH2M
	04/04/2012*	**1.1**	**1.1**	NA	CH2M
	07/13/2012	ND (1.0)	**0.94**	NA	CH2M
	10/08/2012	**1.1**	**1.2**	NA	CH2M
	01/14/2013	ND (1.0)	**0.63**	NA	CH2M
	04/02/2013	**1.1**	**1.4**	NA	CH2M
	07/02/2013	ND (1.0)	**0.64**	NA	CH2M
	10/03/2013	ND (1.0)	**0.88**	NA	CH2M
	01/15/2014	**1.4**	**1.5**	NA	CH2M
	04/01/2014	**1.3**	**1.4**	NA	CH2M
	07/09/2014	**1.5**	**1.5**	NA	CH2M
	10/16/2014	**1.7**	**1.9**	NA	CH2M
	01/15/2015	**1.6**	**1.8**	NA	CH2M
	04/09/2015	**1.6**	**1.6**	NA	CH2M
	07/08/2015	**1.2**	**1.4**	NA	CH2M
	10/15/2015	**1.5**	**1.5**	NA	Arcadis
	01/05/2016	**2.3**	**2.2**	NA	Arcadis
	04/05/2016	**2.1**	**2.1**	NA	Arcadis
	07/06/2016	ND (1.0)	**0.66**	NA	Arcadis
	10/04/2016	**1.8**	**1.9**	NA	Arcadis
	01/10/2017	**1.8**	**1.8**	NA	Arcadis
	04/04/2017	ND (1.0)	**0.82**	NA	Arcadis
	07/11/2017	ND (1.0)	**1.3**	NA	Arcadis
	10/03/2017	**1.7**	**1.9**	NA	Arcadis
	01/16/2018	**1.6**	**1.8**	NA	Arcadis
	04/03/2018	**1.8**	**2.0**	NA	Arcadis
	07/10/2018	ND (1.0)	**0.71**	NA	Arcadis
	10/09/2018	**1.7**	**1.8**	NA	Arcadis
	01/15/2019	**1.6**	**1.5**	NA	Arcadis
	04/02/2019	**1.6**	**1.9**	NA	Arcadis
	07/09/2019	**1.7**	**1.8**	NA	Arcadis
	10/08/2019	**1.2**	**1.3**	NA	Arcadis
	01/14/2020	**1.8**	**1.8**	NA	Arcadis
	04/07/2020	**1.9**	**2.0**	NA	Arcadis
No. of Samples:	38				
36-43	11/16/2011	ND (1.0)	**0.63**	NA	CH2M
	01/03/2012	ND (1.0)	**0.53**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
36-43	05/09/2012	ND (1.0)	**0.62**	NA	CH2M
	07/16/2012	ND (1.0)	**0.56**	NA	CH2M
	07/16/2012*	ND (1.0)	**0.5**	NA	CH2M
	10/02/2012	ND (1.0)	**0.6**	NA	CH2M
	01/07/2013	ND (1.0)	**0.39**	NA	CH2M
	04/02/2013	ND (1.0)	**0.52**	NA	CH2M
	07/01/2013	ND (1.0)	**0.52**	NA	CH2M
	10/02/2013	ND (1.0)	**0.58**	NA	CH2M
	10/02/2013*	ND (1.0)	**0.54**	NA	CH2M
	03/07/2014	ND (1.0)	**0.55**	NA	CH2M
	04/01/2014	ND (1.0)	**0.55**	NA	CH2M
	07/02/2014	ND (1.0)	**0.53**	NA	CH2M
	10/06/2014	ND (1.0)	**0.52**	NA	CH2M
	01/07/2015	ND (1.0)	**0.44**	NA	CH2M
No. of Samples:	16				
BGS-01	01/31/2006	ND (1.0)	**0.32**	NA	CH2M
	04/25/2006	ND (1.0)	**0.495**	NA	CH2M
	07/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/23/2006	ND (1.0)	0.328 J	NA	CH2M
	11/29/2011	**1.1**	**0.58**	NA	CH2M
	01/11/2012	ND (1.0)	**0.4**	NA	CH2M
	01/11/2012*	ND (1.0)	**0.4**	NA	CH2M
	04/05/2012	ND (1.0)	**0.29**	NA	CH2M
	07/16/2012	ND (1.0)	**0.56**	NA	CH2M
	10/17/2012	ND (1.0)	**0.58**	NA	CH2M
	10/17/2012*	ND (1.0)	**0.67**	NA	CH2M
	01/15/2013	ND (1.0)	**0.5**	NA	CH2M
No. of Samples:	12				
BGS-04	02/01/2006	**2.39**	**2.5**	NA	CH2M
	04/26/2006	**2.74**	**2.4**	NA	CH2M
	04/26/2006*	**2.87**	**2.41**	NA	CH2M
	07/25/2006	**2.73**	**2.56**	NA	CH2M
	07/25/2006*	**2.65**	**2.53**	NA	CH2M
	10/23/2006	**2.77**	2.6 J	NA	CH2M
No. of Samples:	6				
BGS-05	01/31/2006	**1.11**	**0.959**	NA	CH2M
	04/25/2006	ND (1.0)	**0.762**	NA	CH2M
No. of Samples:	2				
BGS-06	01/31/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/26/2006	ND (1.0)	ND (0.2)	NA	CH2M
	07/24/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/23/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/23/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2012	ND (1.0)	**0.17**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-06	04/06/2012	ND (1.0)	**0.16**	NA	CH2M
	07/13/2012	ND (1.0)	**0.17**	NA	CH2M
	10/09/2012	ND (1.0)	**0.18**	NA	CH2M
	01/17/2013	ND (1.0)	**0.13**	NA	CH2M
No. of Samples:	10				
BGS-09	01/30/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/24/2006	ND (1.0)	ND (0.2)	NA	CH2M
	07/24/2006	ND (1.0)	ND (0.2)	NA	CH2M
	07/24/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	10/24/2006	ND (1.0)	ND (0.2)	NA	CH2M
	07/09/2012	ND (1.0)	**0.11**	NA	CH2M
No. of Samples:	6				
BGS-10	01/31/2006	ND (1.0)	**0.7**	NA	CH2M
	04/26/2006	**2.19**	**0.88**	NA	CH2M
	07/26/2006	ND (1.0)	0.247 J	NA	CH2M
	10/24/2006	**2.44**	**1.37**	NA	CH2M
	01/05/2011	ND (1.0)	**0.35**	NA	CH2M
	11/22/2011	**1.6**	**0.55**	NA	CH2M
	01/10/2012	**2.7**	**1.7**	NA	CH2M
	04/09/2012	**2.0**	**0.72**	NA	CH2M
	07/13/2012	**2.4**	**1.4**	NA	CH2M
	10/04/2012	**2.4**	**1.4**	NA	CH2M
No. of Samples:	10				
BGS-12	01/30/2006	ND (1.0)	**0.224**	NA	CH2M
	04/24/2006	ND (1.0)	**0.457**	NA	CH2M
	07/24/2006	ND (1.0)	**0.445**	NA	CH2M
	10/23/2006	ND (1.0)	0.335 J	NA	CH2M
	11/16/2011	ND (1.0)	**0.69**	NA	CH2M
No. of Samples:	5				
BGS-13	01/31/2006	ND (1.0)	**0.208**	NA	CH2M
	04/27/2006	ND (1.0)	**0.223**	NA	CH2M
	07/25/2006	ND (1.0)	**0.307**	NA	CH2M
No. of Samples:	3				
BGS-14	05/24/2001	ND (2.5)	**1.0**	ND (10)	ALISTO
	09/27/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/07/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	01/31/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/26/2006	ND (1.0)	**0.211**	NA	CH2M
	07/26/2006	ND (1.0)	0.223 J	NA	CH2M
	10/23/2006	ND (1.0)	**0.216**	NA	CH2M
	12/01/2011	ND (1.0)	**0.45**	NA	CH2M
	01/11/2012	ND (1.0)	**0.21**	NA	CH2M
	01/11/2012*	ND (1.0)	**0.25**	NA	CH2M
	04/05/2012	ND (1.0)	**0.18**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-14	07/16/2012	ND (1.0)	**0.51**	NA	CH2M
	10/05/2012	ND (1.0)	**0.65**	NA	CH2M
	01/17/2013	ND (1.0)	**0.44**	NA	CH2M
	04/03/2013	ND (1.0)	**0.72**	NA	CH2M
	07/02/2013	**1.2**	**1.2**	NA	CH2M
	07/02/2013*	**1.2**	**1.2**	NA	CH2M
	10/02/2013	ND (1.0)	**0.91**	NA	CH2M
	01/15/2014	ND (1.0)	**0.52**	NA	CH2M
	04/03/2014	ND (1.0)	**0.84**	NA	CH2M
	07/08/2014	**1.3**	**1.4**	NA	CH2M
	10/09/2014	**1.2**	**1.4**	NA	CH2M
	10/09/2014*	**1.2**	**1.3**	NA	CH2M
	01/20/2015	ND (1.0)	**0.25**	NA	CH2M
	04/02/2015	**1.2**	**1.2**	NA	CH2M
	07/08/2015	**2.2**	**2.4**	NA	CH2M
	10/08/2015	**2.2**	**2.4**	NA	Arcadis
No. of Samples:	27				
BGS-15	01/31/2006	ND (1.0)	ND (0.2)	NA	CH2M
	01/31/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	04/26/2006	ND (1.0)	ND (0.2)	NA	CH2M
	07/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/23/2006	ND (1.0)	ND (0.2)	NA	CH2M
	07/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/29/2011	ND (1.0)	**0.093**	NA	CH2M
	01/11/2012	ND (1.0)	**0.083**	NA	CH2M
	01/11/2012*	ND (1.0)	**0.19**	NA	CH2M
	04/03/2012	ND (1.0)	**0.071**	NA	CH2M
	07/13/2012	ND (1.0)	**0.089**	NA	CH2M
	01/14/2013	ND (1.0)	**0.06**	NA	CH2M
	01/14/2013*	ND (1.0)	**0.064**	NA	CH2M
No. of Samples:	13				
BGS-16	01/31/2006	**1.36**	**1.35**	NA	CH2M
	04/24/2006	**2.05**	**1.77**	NA	CH2M
	07/25/2006	**1.77**	**1.45**	NA	CH2M
	10/23/2006	**1.77**	**1.66**	NA	CH2M
	06/16/2011	**2.1**	**1.6**	NA	CH2M
	11/09/2011	**1.6**	**1.7**	NA	CH2M
	01/11/2012	**1.3**	**1.4**	NA	CH2M
	04/03/2012	**1.3**	**1.5**	NA	CH2M
	07/13/2012	**1.5**	**1.6**	NA	CH2M
	10/10/2012	**1.6**	**1.6**	NA	CH2M
	01/08/2013	**1.4**	**1.5**	NA	CH2M
	04/04/2013	**1.5**	**1.5**	NA	CH2M
	07/03/2013	**1.3**	**1.4**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-16	10/10/2013	ND (1.0)	**1.2**	NA	CH2M
	01/09/2014	ND (1.0)	**1.1**	NA	CH2M
	04/11/2014	ND (1.0)	**0.7**	NA	CH2M
	07/15/2014	ND (1.0)	**0.79**	NA	CH2M
	10/15/2014	ND (1.0)	**0.89**	NA	CH2M
	01/13/2015	ND (1.0)	**0.6**	NA	CH2M
	08/05/2015	**1.1**	**1.1**	NA	CH2M
	10/07/2015	**1.0**	**1.1**	NA	Arcadis
No. of Samples:	21				
BGS-18	02/01/2006	**1.53**	**1.75**	NA	CH2M
	04/25/2006	**1.91**	**1.61**	NA	CH2M
	07/25/2006	ND (1.0)	**0.27**	NA	CH2M
	10/24/2006	**1.19**	**0.915**	NA	CH2M
No. of Samples:	4				
BGS-19	04/25/2006	ND (1.0)	**0.658**	NA	CH2M
	07/25/2006	**1.08**	**1.03**	NA	CH2M
	10/24/2006	**1.14**	**1.06**	NA	CH2M
	10/24/2006*	**1.11**	**1.06**	NA	CH2M
No. of Samples:	4				
BGS-22	01/30/2006	ND (1.0)	**1.12**	NA	CH2M
	01/30/2006*	ND (1.0)	**1.08**	NA	CH2M
	04/25/2006	**1.23**	**1.36**	NA	CH2M
	07/24/2006	ND (1.0)	**0.813**	NA	CH2M
	10/24/2006	ND (1.0)	**0.608**	NA	CH2M
	10/18/2011	**1.5**	**1.4**	NA	CH2M
	01/03/2012	**1.4**	**1.4**	NA	CH2M
	04/03/2012	**1.3**	**1.3**	NA	CH2M
	07/13/2012	**1.1**	**1.0**	NA	CH2M
	10/05/2012	**1.2**	**0.89**	NA	CH2M
No. of Samples:	10				
BGS-23	01/31/2006	**1.3**	**1.4**	NA	CH2M
	04/24/2006	**1.63**	1.57 J	NA	CH2M
	04/24/2006*	**1.48**	1.48 J	NA	CH2M
	07/25/2006	**1.29**	**1.27**	NA	CH2M
	07/25/2006*	**1.21**	**1.22**	NA	CH2M
	10/24/2006	**2.01**	**1.94**	NA	CH2M
	06/21/2011	**1.9**	**1.9**	NA	CH2M
	10/27/2011	ND (1.0)	**0.88**	NA	CH2M
	01/11/2012	**1.6**	**1.7**	NA	CH2M
	04/03/2012	**1.8**	**2.0**	NA	CH2M
	07/13/2012	ND (1.0)	**0.81**	NA	CH2M
	10/10/2012	ND (1.0)	**0.49**	NA	CH2M
	01/08/2013	**1.9**	**2.1**	NA	CH2M
	04/04/2013	**2.0**	**2.0**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-23	07/03/2013	**1.3**	**1.5**	NA	CH2M
No. of Samples:	15				
BGS-24	02/02/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/26/2006	ND (1.0)	ND (0.2)	NA	CH2M
	07/27/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/07/2010	ND (1.0)	**0.51**	NA	CH2M
No. of Samples:	4				
BGS-25	01/30/2006	ND (1.0)	**0.477**	NA	CH2M
	04/26/2006	**1.2**	**0.767**	NA	CH2M
	07/26/2006	**1.54**	1.31 J	NA	CH2M
	10/23/2006	**1.21**	**0.988**	NA	CH2M
	10/06/2011	**1.7**	**1.5**	NA	CH2M
	10/19/2011	**1.9**	**1.6**	NA	CH2M
	01/11/2012	**1.3**	**1.4**	NA	CH2M
	04/06/2012	**1.5**	**1.5**	NA	CH2M
	07/19/2012	**1.4**	**1.5**	NA	CH2M
	07/19/2012*	**1.4**	**1.5**	NA	CH2M
	10/18/2012	**1.4**	**1.5**	NA	CH2M
	01/09/2013	**1.2**	**1.2**	NA	CH2M
	04/04/2013	**1.3**	**1.1**	NA	CH2M
	04/04/2013*	**1.3**	**1.1**	NA	CH2M
	07/11/2013	**1.5**	**1.8**	NA	CH2M
	10/04/2013	**1.7**	**1.7**	NA	CH2M
	01/09/2014	**1.6**	**1.5**	NA	CH2M
	04/04/2014	**1.8**	**1.9**	NA	CH2M
	07/10/2014	**1.9**	**2.0**	NA	CH2M
	10/09/2014	**2.0**	**2.0**	NA	CH2M
	01/14/2015	**1.6**	**1.6**	NA	CH2M
	04/02/2015	**1.9**	**1.6**	NA	CH2M
	07/10/2015	**2.0**	**2.0**	NA	CH2M
No. of Samples:	23				
BGS-27	02/02/2006	**1.87**	**1.64**	NA	CH2M
	04/25/2006	**1.66**	**1.4**	NA	CH2M
	07/26/2006	**1.43**	1.38 J	NA	CH2M
	10/24/2006	**1.38**	**1.28**	NA	CH2M
	11/16/2011	ND (1.0)	**1.0**	NA	CH2M
	01/03/2012	ND (1.0)	**0.74**	NA	CH2M
	05/09/2012	ND (1.0)	**0.86**	NA	CH2M
	07/16/2012	ND (1.0)	**0.48**	NA	CH2M
	10/02/2012	ND (1.0)	**0.92**	NA	CH2M
	01/09/2013	**1.0**	**1.1**	NA	CH2M
	04/02/2013	**1.0**	**1.1**	NA	CH2M
	07/01/2013	**1.0**	**1.1**	NA	CH2M
	07/01/2013*	**1.1**	**1.1**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-27	10/02/2013	**1.3**	**1.3**	NA	CH2M
	01/10/2014	ND (1.0)	**1.2**	NA	CH2M
	04/01/2014	**1.0**	**0.94**	NA	CH2M
	07/02/2014	ND (1.0)	**0.92**	NA	CH2M
	10/16/2014	ND (1.0)	**1.1**	NA	CH2M
	01/07/2015	**1.2**	**0.15**	NA	CH2M
No. of Samples:	19				
BGS-28	07/26/2006	**2.52**	2.07 J	NA	CH2M
	10/25/2006	**2.3**	**2.06**	NA	CH2M
No. of Samples:	2				
BGS-29	07/26/2006	**2.11**	1.95 J	NA	CH2M
	09/26/2006	**2.15**	1.74 J	NA	CH2M
	11/13/2006	**1.71**	**1.87**	NA	CH2M
No. of Samples:	3				
BGS-30	07/26/2006	**2.53**	2.29 J	NA	CH2M
	07/26/2006*	**2.48**	2.31 J	NA	CH2M
No. of Samples:	2				
BGS-31	07/26/2006	**1.88**	1.12 J	NA	CH2M
	09/27/2006	**1.36**	**0.684**	NA	CH2M
	11/13/2006	ND (1.0)	**0.729**	NA	CH2M
No. of Samples:	3				
BGS-32	09/26/2006	**3.0**	1.21 J	NA	CH2M
	09/26/2006*	**3.15**	1.07 J	NA	CH2M
	11/15/2006	**2.45**	**1.77**	NA	CH2M
No. of Samples:	3				
BGS-33	09/26/2006	**2.17**	0.862 J	NA	CH2M
	11/15/2006	**1.71**	**2.1**	NA	CH2M
No. of Samples:	2				
BGS-34	09/26/2006	**1.88**	1.23 J	NA	CH2M
	11/13/2006	**1.42**	**1.19**	NA	CH2M
No. of Samples:	2				
BGS-35	09/26/2006	**2.5**	1.5 J	NA	CH2M
	11/15/2006	**2.3**	**2.56**	NA	CH2M
No. of Samples:	2				
BGS-36	09/26/2006	**2.69**	2.1 J	NA	CH2M
	11/13/2006	**2.33**	**2.62**	NA	CH2M
No. of Samples:	2				
BGS-37	09/26/2006	**2.44**	1.34 J	NA	CH2M
	11/13/2006	**2.0**	**1.65**	NA	CH2M
No. of Samples:	2				
BGS-38	09/27/2006	**2.67**	**2.05**	NA	CH2M
	11/13/2006	**2.41**	**2.44**	NA	CH2M
No. of Samples:	2				
BGS-39	09/27/2006	**1.97**	**1.3**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-39	11/15/2006	**2.18**	**2.56**	NA	CH2M
No. of Samples:	2				
BGS-40	09/27/2006	**2.26**	**2.03**	NA	CH2M
	11/15/2006	**2.04**	**2.47**	NA	CH2M
No. of Samples:	2				
BGS-41	09/27/2006	**1.57**	**1.0**	NA	CH2M
	09/27/2006*	**1.54**	**0.957**	NA	CH2M
	11/14/2006	**1.41**	1.46 J	NA	CH2M
	11/14/2006*	**1.38**	1.42 J	NA	CH2M
No. of Samples:	4				
BGS-42	09/27/2006	**2.29**	**1.56**	NA	CH2M
	11/15/2006	**2.08**	**2.35**	NA	CH2M
	11/15/2006*	**2.06**	**2.14**	NA	CH2M
No. of Samples:	3				
BGS-43	09/28/2006	**1.94**	**1.88**	NA	CH2M
	11/14/2006	**1.59**	**1.59**	NA	CH2M
No. of Samples:	2				
BGS-44	09/28/2006	**2.02**	**1.85**	NA	CH2M
	11/14/2006	ND (1.0)	1.69 J	NA	CH2M
No. of Samples:	2				
BGS-45	09/28/2006	**1.93**	**1.77**	NA	CH2M
No. of Samples:	1				
BGS-46	09/28/2006	**2.38**	**2.2**	NA	CH2M
	11/15/2006	**1.81**	**2.44**	NA	CH2M
	10/27/2010	**1.8**	**2.0**	NA	CH2M
	10/27/2010*	**1.5**	**1.8**	NA	CH2M
	02/09/2011	**2.0**	**1.9**	NA	CH2M
	04/06/2011	**1.9**	**1.9**	NA	CH2M
	07/08/2011	**1.8**	**2.0**	NA	CH2M
	07/08/2011*	**1.8**	**2.0**	NA	CH2M
	10/06/2011	**1.8**	**2.0**	NA	CH2M
	01/03/2012	**1.7**	**1.8**	NA	CH2M
	04/03/2012	**1.7**	**1.8**	NA	CH2M
	04/03/2012*	**1.7**	**1.8**	NA	CH2M
	07/17/2012	**1.9**	**1.8**	NA	CH2M
	10/02/2012	**1.6**	**1.6**	NA	CH2M
	10/02/2012*	**1.7**	**1.7**	NA	CH2M
	01/08/2013	**1.6**	**1.7**	NA	CH2M
	04/04/2013	**1.7**	**1.6**	NA	CH2M
	07/09/2013	**1.4**	**1.7**	NA	CH2M
	10/02/2013	**1.4**	**1.5**	NA	CH2M
	01/09/2014	**1.1**	**1.2**	NA	CH2M
	04/04/2014	ND (1.0)	**0.74**	NA	CH2M
	04/04/2014*	**1.0**	**0.74**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-46	07/09/2014	**1.2**	**1.2**	NA	CH2M
	10/13/2014	ND (1.0)	**0.76**	NA	CH2M
	01/14/2015	ND (1.0)	**0.71**	NA	CH2M
	04/02/2015	ND (1.0)	**0.71**	NA	CH2M
	07/14/2015	ND (1.0)	**0.46**	NA	CH2M
No. of Samples:	27				
BGS-47	09/28/2006	**2.94**	**2.45**	NA	CH2M
	11/15/2006	**2.28**	**2.69**	NA	CH2M
	11/09/2011	**2.5**	**2.6**	NA	CH2M
	01/03/2012	**2.3**	**2.2**	NA	CH2M
	05/10/2012	**1.9**	**1.8**	NA	CH2M
	07/16/2012	**1.8**	**1.9**	NA	CH2M
	10/02/2012	**2.1**	**2.0**	NA	CH2M
	01/14/2013	**2.0**	**2.0**	NA	CH2M
	04/03/2013	**1.8**	**1.6**	NA	CH2M
	07/09/2013	**1.8**	**1.7**	NA	CH2M
	10/02/2013	**2.0**	**2.0**	NA	CH2M
	01/09/2014	**1.9**	**1.9**	NA	CH2M
	04/04/2014	**2.1**	**1.6**	NA	CH2M
	07/02/2014	**1.9**	**1.7**	NA	CH2M
	10/16/2014	**1.8**	**1.6**	NA	CH2M
	01/15/2015	**2.1**	**2.1**	NA	CH2M
	04/09/2015	**2.1**	**1.8**	NA	CH2M
	07/10/2015	**2.0**	**1.7**	NA	CH2M
	10/13/2015	**2.2**	**2.1**	NA	Arcadis
No. of Samples:	19				
BGS-48	09/28/2006	ND (1.0)	0.577 J	NA	CH2M
	10/19/2006	ND (1.0)	**0.861**	NA	CH2M
	08/06/2009	ND (1.0)	ND (0.2)	NA	CH2M
	12/08/2010	ND (1.0)	**0.25**	NA	CH2M
	03/10/2011	ND (1.0)	**0.28**	NA	CH2M
	09/06/2011	ND (1.0)	**0.49**	NA	CH2M
	11/18/2011	ND (1.0)	**0.54**	NA	CH2M
	01/03/2012	ND (1.0)	**0.52**	NA	CH2M
	01/03/2012*	ND (1.0)	**0.49**	NA	CH2M
	04/03/2012	ND (1.0)	**0.21**	NA	CH2M
	07/12/2012	ND (1.0)	**0.13**	NA	CH2M
	10/02/2012	ND (1.0)	**0.5**	NA	CH2M
	01/09/2013	ND (1.0)	**0.18**	NA	CH2M
	01/09/2013*	ND (1.0)	**0.37**	NA	CH2M
	04/02/2013	ND (1.0)	**0.087**	NA	CH2M
	07/08/2013	ND (1.0)	**0.13**	NA	CH2M
	10/02/2013	ND (1.0)	**0.082**	NA	CH2M
	01/10/2014	ND (1.0)	**0.071**	NA	CH2M

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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BGS-48	04/02/2014	ND (1.0)	**0.062**	NA	CH2M
	07/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2014	ND (1.0)	**0.075**	NA	CH2M
	01/14/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/13/2015	ND (1.0)	**0.1**	NA	Arcadis
	01/05/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/05/2016	ND (1.0)	**0.076**	NA	Arcadis
	07/06/2016	ND (1.0)	**0.12**	NA	Arcadis
	10/04/2016	ND (1.0)	**0.16**	NA	Arcadis
	01/10/2017	ND (1.0)	**0.16**	NA	Arcadis
	04/04/2017	ND (1.0)	**0.23**	NA	Arcadis
	07/11/2017	ND (1.0)	ND (0.33)	NA	Arcadis
	10/03/2017	ND (1.0)	**0.45**	NA	Arcadis
	01/16/2018	ND (1.0)	**0.35**	NA	Arcadis
	04/03/2018	ND (1.0)	**0.45**	NA	Arcadis
	07/10/2018	ND (1.0)	**0.47**	NA	Arcadis
	10/09/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	01/15/2019	ND (1.0)	**0.25**	NA	Arcadis
	04/02/2019	ND (1.0)	**0.18**	NA	Arcadis
	07/09/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2019	ND (1.0)	**0.081**	NA	Arcadis
	01/14/2020	ND (1.0)	**0.27**	NA	Arcadis
	04/07/2020	ND (1.0)	**0.27**	NA	Arcadis
No. of Samples:	43				
BGS-49	09/28/2006	**1.83**	**1.19**	NA	CH2M
	09/28/2006*	**1.78**	**1.18**	NA	CH2M
	11/14/2006	**1.77**	0.933 J	NA	CH2M
	11/02/2010	**1.7**	**1.4**	NA	CH2M
No. of Samples:	4				
BGS-50	11/13/2006	ND (1.0)	ND (0.2)	NA	CH2M
	01/28/2011	**2.0**	**1.8**	NA	CH2M
No. of Samples:	2				
BGS-51	11/14/2006	**1.93**	1.89 J	NA	CH2M
	12/06/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/06/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/06/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	11/08/2011	ND (1.0)	**0.11**	NA	CH2M
	01/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	8				
BW-01D	10/25/2007	**1.14**	**0.817**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BW-01D	10/31/2011	**5.0**	**3.8**	NA	CH2M
	12/21/2011	**3.2**	**2.8**	NA	CH2M
	04/06/2012	**2.5**	**2.1**	NA	CH2M
	04/30/2012	**2.4**	**2.2**	NA	CH2M
	07/23/2012	**1.7**	**1.5**	NA	CH2M
	10/15/2012	**1.6**	**1.5**	NA	CH2M
	01/16/2013	**2.1**	**1.9**	NA	CH2M
	04/01/2013	**1.8**	**1.4**	NA	CH2M
	07/10/2013	**2.2**	**1.7**	NA	CH2M
	10/17/2013	**2.4**	**2.1**	NA	CH2M
	01/15/2014	**2.9**	**2.2**	NA	CH2M
	01/15/2014*	**2.9**	**2.2**	NA	CH2M
	04/04/2014	**2.9**	**2.5**	NA	CH2M
	07/10/2014	**3.0**	**2.8**	NA	CH2M
	10/17/2014	**3.5**	**3.2**	NA	CH2M
	01/07/2015	**3.4**	**4.0**	NA	CH2M
	04/14/2015	**3.9**	**4.0**	NA	CH2M
	07/21/2015	**3.8**	**4.0**	NA	CH2M
	10/12/2015	**4.4**	**4.3**	NA	Arcadis
	01/13/2016	**4.3**	**4.6**	NA	Arcadis
	04/20/2016	**5.0**	**4.6**	NA	Arcadis
	07/20/2016	**4.9**	**4.6**	NA	Arcadis
	10/19/2016	**5.7**	**5.0**	NA	Arcadis
	02/02/2017	**5.6**	**5.2**	NA	Arcadis
	04/19/2017	**5.6**	**6.0**	NA	Arcadis
	07/24/2017	**5.6**	**6.0**	NA	Arcadis
	07/24/2017*	**5.5**	**6.0**	NA	Arcadis
	10/18/2017	**7.5**	**7.5**	NA	Arcadis
	01/23/2018	**8.6**	**8.7**	NA	Arcadis
	01/23/2018*	**8.9**	**8.8**	NA	Arcadis
	04/18/2018	**9.5**	**9.3**	NA	Arcadis
	07/10/2018	**12**	**12**	NA	Arcadis
	10/18/2018	**17**	**16**	NA	Arcadis
	01/10/2019	**20**	**17**	NA	Arcadis
	05/08/2019	**13**	**14**	NA	Arcadis
	07/10/2019	**6.9**	**7.2**	NA	Arcadis
	10/21/2019	**3.7**	**3.4**	NA	Arcadis
	01/13/2020	**3.2**	**2.3**	NA	Arcadis
	04/09/2020	**2.5**	**2.2**	NA	Arcadis
No. of Samples:	40				
BW-01S	10/25/2007	**1.36**	ND (0.2)	NA	Arcadis
	10/31/2011	**2.5**	**1.9**	NA	CH2M
	12/21/2011	**1.5**	**1.2**	NA	CH2M
	04/06/2012	**1.3**	**0.88**	NA	CH2M
	04/30/2012	ND (1.0)	**0.82**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
BW-01S	07/23/2012	ND (1.0)	**0.61**	NA	CH2M
	10/15/2012	ND (1.0)	**0.65**	NA	CH2M
	01/16/2013	ND (1.0)	**0.59**	NA	CH2M
	04/01/2013	ND (1.0)	**0.48**	NA	CH2M
	07/10/2013	**1.0**	**0.51**	NA	CH2M
	10/17/2013	ND (1.0)	**0.62**	NA	CH2M
	01/15/2014	ND (1.0)	**0.54**	NA	CH2M
	04/04/2014	ND (1.0)	**0.69**	NA	CH2M
	07/10/2014	ND (1.0)	**0.77**	NA	CH2M
	07/10/2014*	ND (1.0)	**0.72**	NA	CH2M
	10/17/2014	**1.5**	**1.3**	NA	CH2M
	01/07/2015	**2.7**	**3.2**	NA	CH2M
	04/14/2015	**4.7**	**4.8**	NA	CH2M
	07/21/2015	**6.5**	**6.9**	NA	CH2M
	10/12/2015	**6.5**	**6.1**	NA	Arcadis
	01/13/2016	**4.2**	**3.9**	NA	Arcadis
	04/20/2016	**4.4**	**4.3**	NA	Arcadis
	04/20/2016*	**4.4**	**4.2**	NA	Arcadis
	07/20/2016	**3.8**	**3.4**	NA	Arcadis
	10/19/2016	**4.3**	**3.9**	NA	Arcadis
	02/02/2017	**5.3**	**5.1**	NA	Arcadis
	04/19/2017	**4.7**	**4.9**	NA	Arcadis
	07/24/2017	**3.7**	**3.6**	NA	Arcadis
	10/18/2017	**6.3**	**7.1**	NA	Arcadis
	01/23/2018	**9.1**	**8.9**	NA	Arcadis
	04/18/2018	**11**	**11**	NA	Arcadis
	06/06/2018	**15**	**15**	NA	Arcadis
	07/10/2018	**16**	**16**	NA	Arcadis
	10/18/2018	**18**	**18**	NA	Arcadis
	02/11/2019	**6.0**	**4.4**	NA	Arcadis
	03/06/2019	**9.4**	**8.7**	NA	Arcadis
	05/08/2019	**19**	**19**	NA	Arcadis
	07/10/2019	**13**	**13**	NA	Arcadis
	10/21/2019	**3.2**	**2.6**	NA	Arcadis
	01/14/2020	**2.0**	**1.1**	NA	Arcadis
	04/09/2020	**6.5**	**6.2**	NA	Arcadis
	06/02/2020	**9.5**	**9.8**	NA	Arcadis
No. of Samples:	42				
C-01	05/11/2011	ND (1.0)	ND (0.2)	NA	CH2M
	06/06/2011	**3.0**	**3.0**	NA	CH2M
	07/21/2011	**2.8**	**2.8**	NA	CH2M
	09/06/2011	**2.6**	**2.7**	NA	CH2M
	10/25/2011	**2.9**	**2.8**	NA	CH2M
	11/22/2011	**2.9**	**2.9**	NA	CH2M
	12/21/2011	**2.0**	**1.7**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
C-01	01/27/2012	**3.0**	**2.8**	NA	CH2M
	04/18/2012	**5.2**	**5.1**	NA	CH2M
	07/09/2012	**6.4**	**6.8**	NA	CH2M
	10/11/2012	**5.5**	**5.4**	NA	CH2M
	01/28/2013	**3.2**	**2.7**	NA	CH2M
	04/01/2013	**6.4**	**6.8**	NA	CH2M
	07/08/2013	**7.4**	**6.7**	NA	CH2M
	10/09/2013	**5.6**	**5.6**	NA	CH2M
	10/09/2013*	**5.3**	**5.6**	NA	CH2M
	01/08/2014	**5.7**	**5.2**	NA	CH2M
	04/10/2014	**7.6**	**6.7**	NA	CH2M
	07/16/2014	**6.4**	**7.0**	NA	CH2M
	10/10/2014	**6.3**	**7.1**	NA	CH2M
	01/08/2015	**3.4**	**4.0**	NA	CH2M
	04/10/2015	**4.4**	**4.4**	NA	CH2M
	07/09/2015	**2.7**	**3.1**	NA	CH2M
	10/06/2015	**3.0**	**3.1**	NA	Arcadis
	01/12/2016	**3.4**	**3.0**	NA	Arcadis
	05/03/2016	**2.4**	**2.1**	NA	Arcadis
	07/21/2016	**2.1**	**2.5**	NA	Arcadis
	10/06/2016	**2.4**	**2.4**	NA	Arcadis
	01/05/2017	**2.0**	**2.3**	NA	Arcadis
	04/06/2017	**2.1**	**2.3**	NA	Arcadis
	04/06/2017*	**2.0**	**2.4**	NA	Arcadis
	10/03/2017	**2.2**	**2.7**	NA	Arcadis
	04/05/2018	**2.2**	**2.3**	NA	Arcadis
	10/16/2018	**1.9**	**2.0**	NA	Arcadis
	04/04/2019	**1.5**	**0.74**	NA	Arcadis
	10/17/2019	**1.6**	**1.6**	NA	Arcadis
	04/14/2020	**1.5**	**1.4**	NA	Arcadis
No. of Samples:	37				
C-02	06/06/2011	**11.6**	**11.5**	NA	CH2M
	07/21/2011	**12.6**	**12**	NA	CH2M
	09/06/2011	**12**	**12.7**	NA	CH2M
	10/25/2011	**14**	**14.7**	NA	CH2M
	11/22/2011	**13**	**12.2**	NA	CH2M
	12/21/2011	**4.7**	**2.5**	NA	CH2M
	01/27/2012	**11.3**	**10.4**	NA	CH2M
	04/19/2012	**14**	**12.6**	NA	CH2M
	07/09/2012	**12**	**12.4**	NA	CH2M
	10/11/2012	**12.1**	**11.9**	NA	CH2M
	10/11/2012*	**11.5**	**12**	NA	CH2M
	01/16/2013	**11.6**	**10.1**	NA	CH2M
	04/01/2013	**11**	**9.5**	NA	CH2M
	07/08/2013	**8.0**	**7.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
C-02	07/08/2013*	**8.3**	**7.6**	NA	CH2M
	10/09/2013	**7.7**	**7.2**	NA	CH2M
	01/08/2014	**8.0**	**8.5**	NA	CH2M
	04/10/2014	**8.8**	**8.7**	NA	CH2M
	07/16/2014	**7.6**	**8.1**	NA	CH2M
	10/10/2014	**7.3**	**8.0**	NA	CH2M
	01/08/2015	**7.6**	**8.7**	NA	CH2M
	04/09/2015	**7.2**	**7.6**	NA	CH2M
	07/09/2015	**6.7**	**7.2**	NA	CH2M
	07/09/2015*	**6.3**	**7.2**	NA	CH2M
	10/06/2015	**6.6**	**7.0**	NA	Arcadis
	01/05/2016	**6.7**	**6.3**	NA	Arcadis
	04/05/2016	**5.9**	**5.6**	NA	Arcadis
	07/21/2016	**1.4**	**1.4**	NA	Arcadis
	10/04/2016	**6.0**	**5.1**	NA	Arcadis
	12/08/2016	**5.7**	**5.9**	NA	Arcadis
	01/05/2017	**5.7**	**5.8**	NA	Arcadis
	01/05/2017*	**5.9**	**5.9**	NA	Arcadis
	04/06/2017	**5.4**	**5.6**	NA	Arcadis
	07/20/2017	**4.7**	**5.2**	NA	Arcadis
	07/20/2017*	**4.9**	**5.2**	NA	Arcadis
	10/03/2017	**4.7**	**5.4**	NA	Arcadis
	04/05/2018	**4.6**	**4.9**	NA	Arcadis
	10/05/2018	**4.4**	**4.2**	NA	Arcadis
	04/04/2019	**4.0**	**3.6**	NA	Arcadis
	10/10/2019	**3.6**	**3.2**	NA	Arcadis
	10/10/2019*	**3.6**	**3.2**	NA	Arcadis
	04/07/2020	**4.1**	**4.3**	NA	Arcadis
No. of Samples:	42				
C-03	05/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	06/06/2011	**11.6**	**10.5**	NA	CH2M
	07/21/2011	**12.3**	**11.3**	NA	CH2M
	07/21/2011*	**12.1**	**11**	NA	CH2M
	09/06/2011	**10.3**	**9.7**	NA	CH2M
	10/25/2011	**11.9**	**12.8**	NA	CH2M
	11/22/2011	**11.1**	8.5 J	NA	CH2M
	11/22/2011*	**10.6**	5.5 J	NA	CH2M
	12/21/2011	**11.8**	**10.2**	NA	CH2M
	01/27/2012	**12.3**	**11**	NA	CH2M
	04/19/2012	**10.7**	**9.4**	NA	CH2M
	04/19/2012*	**10.4**	**9.3**	NA	CH2M
	07/09/2012	**7.4**	**7.4**	NA	CH2M
	10/11/2012	**6.5**	**6.5**	NA	CH2M
	01/16/2013	**5.2**	**4.9**	NA	CH2M
	01/16/2013*	**5.1**	**4.9**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
C-03	04/01/2013	**3.2**	**3.1**	NA	CH2M
	07/08/2013	**3.4**	**3.0**	NA	CH2M
	10/09/2013	**2.6**	**2.7**	NA	CH2M
	01/08/2014	**3.0**	**2.9**	NA	CH2M
	04/10/2014	**3.4**	**3.1**	NA	CH2M
	07/16/2014	**2.7**	**2.9**	NA	CH2M
	10/10/2014	**2.7**	**2.9**	NA	CH2M
	01/08/2015	**2.5**	**3.2**	NA	CH2M
	01/08/2015*	**2.6**	**3.2**	NA	CH2M
	04/09/2015	**2.2**	**2.5**	NA	CH2M
	07/09/2015	**1.9**	**0.6**	NA	CH2M
	10/06/2015	**1.9**	**2.3**	NA	Arcadis
	01/12/2016	**1.9**	**2.2**	NA	Arcadis
	04/05/2016	**2.0**	**2.1**	NA	Arcadis
	07/21/2016	**2.0**	**2.1**	NA	Arcadis
	10/06/2016	**2.1**	**2.1**	NA	Arcadis
	10/06/2016*	**2.2**	**2.1**	NA	Arcadis
	01/11/2017	**2.3**	**2.4**	NA	Arcadis
	04/06/2017	**2.2**	**2.4**	NA	Arcadis
	07/20/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	10/03/2017	**1.7**	**2.1**	NA	Arcadis
	10/03/2017*	**1.5**	**2.1**	NA	Arcadis
	04/03/2018	**1.9**	**2.2**	NA	Arcadis
	04/03/2018*	**2.0**	**2.2**	NA	Arcadis
	10/05/2018	**2.0**	**1.9**	NA	Arcadis
	04/04/2019	**1.5**	**1.9**	NA	Arcadis
	10/10/2019	**1.5**	**1.8**	NA	Arcadis
	04/07/2020	**1.7**	**1.8**	NA	Arcadis
No. of Samples:	44				
C-04	05/11/2011	ND (1.0)	**0.3**	NA	CH2M
	06/06/2011	**2.9**	**2.6**	NA	CH2M
	07/21/2011	**2.5**	**2.7**	NA	CH2M
	09/06/2011	**3.5**	**3.3**	NA	CH2M
	10/25/2011	**3.8**	**3.4**	NA	CH2M
	11/22/2011	**3.3**	**3.1**	NA	CH2M
	12/21/2011	ND (1.0)	**0.69**	NA	CH2M
	01/27/2012	**3.7**	**3.4**	NA	CH2M
	01/27/2012*	**3.7**	**3.4**	NA	CH2M
	04/19/2012	**4.9**	**4.1**	NA	CH2M
	07/09/2012	**5.2**	**5.4**	NA	CH2M
	07/09/2012*	**5.2**	**5.4**	NA	CH2M
	10/11/2012	**4.3**	**4.0**	NA	CH2M
	01/16/2013	**6.7**	**6.6**	NA	CH2M
	04/01/2013	**6.0**	**6.2**	NA	CH2M
	04/01/2013*	**5.9**	**6.3**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
C-04	07/08/2013	**6.8**	**6.5**	NA	CH2M
	10/09/2013	**6.5**	**6.6**	NA	CH2M
	01/08/2014	**5.4**	**5.2**	NA	CH2M
	04/10/2014	**7.6**	**7.9**	NA	CH2M
	07/16/2014	**6.3**	**7.3**	NA	CH2M
	07/16/2014*	**6.5**	**7.3**	NA	CH2M
	10/10/2014	**7.0**	**7.9**	NA	CH2M
	01/08/2015	**4.6**	**5.3**	NA	CH2M
	04/09/2015	**4.6**	**4.5**	NA	CH2M
	07/09/2015	**4.7**	**5.2**	NA	CH2M
	10/23/2015	**2.5**	**2.9**	NA	Arcadis
	01/12/2016	**2.4**	**2.4**	NA	Arcadis
	04/05/2016	**2.7**	**2.6**	NA	Arcadis
	07/21/2016	**2.4**	**2.6**	NA	Arcadis
	10/04/2016	**2.6**	**2.3**	NA	Arcadis
	01/05/2017	**2.4**	**2.3**	NA	Arcadis
	04/06/2017	**2.2**	**2.2**	NA	Arcadis
	10/03/2017	**2.9**	**3.1**	NA	Arcadis
	04/05/2018	**3.0**	**3.2**	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/22/2019	**2.4**	**2.5**	NA	Arcadis
	04/14/2020	ND (1.0)	**0.43**	NA	Arcadis
No. of Samples:	39				
DW-01	11/13/2002	**5.3**	**3.3**	NA	CH2M
	11/13/2002*	**5.2**	**3.5**	NA	CH2M
	01/24/2003	**4.8**	**3.3**	NA	CH2M
	01/24/2003*	**7.0**	**3.6**	NA	CH2M
	02/20/2003	**6.3**	**3.4**	NA	CH2M
	04/17/2003	**4.9**	**3.3**	NA	CH2M
	04/17/2003*	**6.2**	**3.5**	NA	CH2M
	07/15/2003	**5.3**	**4.1**	NA	CH2M
	07/15/2003*	**4.6**	**3.8**	NA	CH2M
	01/26/2004	**6.8**	**3.9**	NA	CH2M
	01/26/2004*	**6.2**	**3.9**	NA	CH2M
	04/28/2004	**4.4**	**4.0**	NA	CH2M
	04/28/2004*	**4.7**	**4.0**	NA	CH2M
	07/13/2004	**4.4**	**4.2**	NA	CH2M
	07/13/2004*	**4.2**	**4.2**	NA	CH2M
	10/13/2004	**3.98**	**4.24**	NA	CH2M
	10/13/2004*	**4.0**	**4.28**	NA	CH2M
	01/17/2005	**7.1**	**6.08**	NA	CH2M
	02/04/2005	**5.04**	**4.63**	NA	CH2M
	04/15/2005	**7.04**	**5.65**	NA	CH2M
	08/17/2005	**3.22**	**2.94**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
DW-01	10/14/2005	**5.04**	**2.84**	NA	CH2M
	12/06/2005	**3.71**	**2.91**	NA	CH2M
	02/14/2006	**5.46**	**5.31**	NA	CH2M
	04/19/2006	**7.25**	**2.44**	NA	CH2M
	08/14/2006	**2.39**	**2.43**	NA	CH2M
	08/14/2006*	**2.53**	**2.52**	NA	CH2M
	12/07/2006	**3.34**	ND (0.2)	NA	CH2M
	02/14/2007	**3.44**	**3.61**	NA	CH2M
	02/14/2007*	**3.4**	**3.59**	NA	CH2M
	04/11/2007	**5.33**	**4.04**	NA	CH2M
	06/20/2007	**3.94**	**4.04**	NA	CH2M
	08/16/2007	**4.64**	**4.53**	NA	CH2M
	10/15/2007	**4.3**	**4.41**	NA	CH2M
	12/11/2007	**3.63**	**3.42**	NA	CH2M
	02/12/2008	**3.53**	**3.44**	NA	CH2M
	02/12/2008*	**3.39**	**3.42**	NA	CH2M
	04/11/2008	**3.54**	**3.72**	NA	CH2M
	06/09/2008	**3.94**	**3.65**	NA	CH2M
	08/07/2008	**3.61**	**3.21**	NA	CH2M
	11/05/2008	**2.99**	**3.48**	NA	CH2M
	02/04/2009	**4.07**	**4.21**	NA	CH2M
	05/13/2009	**4.06**	**4.16**	NA	CH2M
	08/07/2009	**3.67**	**3.92**	NA	CH2M
	11/10/2009	**3.58**	**3.39**	NA	CH2M
	02/09/2010	**4.45**	**3.84**	NA	CH2M
	05/12/2010	**4.4**	**4.5**	NA	CH2M
	08/19/2010	**4.8**	**4.7**	NA	CH2M
	10/28/2010	**3.8**	**4.3**	NA	CH2M
	01/26/2011	**4.5**	**4.4**	NA	CH2M
	05/05/2011	**4.6**	**4.9**	NA	CH2M
	07/29/2011	**5.6**	**4.4**	NA	CH2M
	11/01/2011	**4.6**	**4.1**	NA	CH2M
	01/12/2012	**3.9**	**3.4**	NA	CH2M
	01/12/2012*	**3.5**	**3.4**	NA	CH2M
	04/10/2012	**4.0**	**3.8**	NA	CH2M
	07/23/2012	**4.0**	**3.5**	NA	CH2M
	10/17/2012	**3.9**	**3.6**	NA	CH2M
	02/01/2013	**3.4**	**3.0**	NA	CH2M
	04/16/2013	**3.3**	**3.0**	NA	CH2M
	04/16/2013*	**3.3**	**3.0**	NA	CH2M
	07/31/2013	**4.1**	**2.7**	NA	CH2M
	10/15/2013	**2.9**	**2.8**	NA	CH2M
	01/24/2014	**2.4**	**2.4**	NA	CH2M
	04/14/2014	**2.3**	**2.3**	NA	CH2M
	07/22/2014	**3.0**	**2.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
DW-01	10/10/2014	**2.6**	**2.5**	NA	CH2M
	10/10/2014*	**2.9**	**2.5**	NA	CH2M
	01/20/2015	**2.9**	**2.6**	NA	CH2M
	04/08/2015	**2.3**	**2.0**	NA	CH2M
	07/22/2015	**2.5**	**2.4**	NA	CH2M
	10/14/2015	**3.5**	**3.2**	NA	Arcadis
	10/14/2015*	**3.4**	**3.2**	NA	Arcadis
No. of Samples:	73				
DW-02	11/13/2002	**2.0**	ND (0.2)	NA	CH2M
	01/24/2003	**2.9**	ND (0.2)	NA	CH2M
	02/20/2003	**6.2**	ND (0.2)	NA	CH2M
	04/17/2003	**3.7**	ND (0.2)	NA	CH2M
	07/15/2003	**2.8**	**0.2**	NA	CH2M
	01/27/2004	**6.9**	ND (0.2)	NA	CH2M
	04/28/2004	**2.7**	ND (0.2)	NA	CH2M
	07/13/2004	**1.2**	ND (0.2)	NA	CH2M
	10/13/2004	ND (1.0)	ND (1.0)	NA	CH2M
	01/17/2005	**2.0**	ND (0.2)	NA	CH2M
	02/04/2005	ND (1.0)	ND (0.2)	NA	CH2M
	04/15/2005	**3.01**	ND (1.0)	NA	CH2M
	08/17/2005	ND (1.0)	ND (1.0)	NA	CH2M
	10/14/2005	**4.01**	ND (1.0)	NA	CH2M
	12/06/2005	**2.08**	ND (1.0)	NA	CH2M
	02/14/2006	ND (2.0)	ND (1.0)	NA	CH2M
	04/19/2006	**10.8**	ND (1.0)	NA	CH2M
	04/19/2006*	**12.6**	ND (1.0)	NA	CH2M
	06/13/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/16/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/16/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	12/08/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/08/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/11/2007	**2.91**	ND (1.0)	NA	CH2M
	04/11/2007*	**3.0**	ND (1.0)	NA	CH2M
	06/21/2007	ND (1.0)	ND (1.0)	NA	CH2M
	08/16/2007	ND (1.0)	ND (0.2)	NA	CH2M
	10/15/2007	ND (1.0)	ND (1.0)	NA	CH2M
	12/11/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2008	ND (1.0)	ND (1.0)	NA	CH2M
	04/11/2008	ND (1.0)	ND (1.0)	NA	CH2M
	06/09/2008	**2.05**	**1.42**	NA	CH2M
	08/07/2008	ND (1.0)	ND (1.05)	NA	CH2M
	11/05/2008	ND (1.0)	**0.442**	NA	CH2M
	02/04/2009	ND (1.0)	ND (1.05)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
DW-02	02/04/2009*	ND (1.0)	ND (1.05)	NA	CH2M
	05/13/2009	ND (1.0)	**0.32**	NA	CH2M
	08/07/2009	ND (1.0)	**0.38**	NA	CH2M
	11/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2010	ND (1.0)	**0.46**	NA	CH2M
	08/19/2010	ND (1.0)	ND (0.52)	NA	CH2M
	10/28/2010	ND (1.0)	**0.31**	NA	CH2M
	01/26/2011	ND (1.0)	**1.1**	NA	CH2M
	05/05/2011	**1.0**	**0.7**	NA	CH2M
	07/28/2011	ND (1.0)	**0.67**	NA	CH2M
	11/01/2011	ND (1.1)	ND (1.0)	NA	CH2M
	11/01/2011*	ND (1.1)	ND (1.0)	NA	CH2M
	01/12/2012	**1.0**	**0.78**	NA	CH2M
	04/10/2012	**1.4**	**0.89**	NA	CH2M
	07/23/2012	**1.0**	**0.86**	NA	CH2M
	10/17/2012	ND (1.0)	**0.93**	NA	CH2M
	02/01/2013	**1.2**	**0.93**	NA	CH2M
	04/16/2013	**1.2**	**1.1**	NA	CH2M
	07/31/2013	**1.2**	**1.1**	NA	CH2M
	10/15/2013	**1.2**	**1.2**	NA	CH2M
	01/24/2014	**1.2**	**1.2**	NA	CH2M
	01/24/2014*	**1.3**	**1.3**	NA	CH2M
	04/15/2014	**1.2**	**1.5**	NA	CH2M
	07/22/2014	**1.3**	**1.4**	NA	CH2M
	10/10/2014	**1.2**	**1.5**	NA	CH2M
	01/13/2015	**1.4**	**1.7**	NA	CH2M
	04/07/2015	**1.6**	**1.7**	NA	CH2M
	07/22/2015	**1.4**	**1.7**	NA	CH2M
	07/22/2015*	**1.4**	**1.7**	NA	CH2M
	10/14/2015	**1.5**	**1.9**	NA	Arcadis
	01/07/2016	**1.8**	**1.7**	NA	Arcadis
	04/12/2016	**1.4**	**1.5**	NA	Arcadis
	07/13/2016	**1.4**	**1.8**	NA	Arcadis
	10/20/2016	**1.8**	**1.9**	NA	Arcadis
	01/04/2017	**1.7**	**2.0**	NA	Arcadis
	01/04/2017*	**1.7**	**2.0**	NA	Arcadis
	04/10/2017	**2.1**	**2.4**	NA	Arcadis
	07/14/2017	**2.1**	**2.3**	NA	Arcadis
	10/11/2017	**1.9**	**2.4**	NA	Arcadis
	01/09/2018	**2.1**	**2.2**	NA	Arcadis
	04/10/2018	**1.9**	**2.2**	NA	Arcadis
	07/10/2018	**1.9**	**1.9**	NA	Arcadis
	10/12/2018	**1.8**	**1.8**	NA	Arcadis
	01/10/2019	**1.9**	**1.9**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
DW-02	04/04/2019	**1.7**	**2.0**	NA	Arcadis
	07/10/2019	**5.1**	**1.7**	NA	Arcadis
	09/05/2019	**2.0**	**2.0**	NA	Arcadis
	10/15/2019	**1.7**	**1.8**	NA	Arcadis
	01/06/2020	**2.0**	**2.0**	NA	Arcadis
	04/17/2020	**2.8**	**1.7**	NA	Arcadis
No. of Samples:	88				
DW-03	11/13/2002	**2.9**	**1.5**	NA	CH2M
	01/24/2003	**3.6**	**1.7**	NA	CH2M
	02/20/2003	**4.4**	**1.8**	NA	CH2M
	02/20/2003*	**4.6**	**1.8**	NA	CH2M
	04/17/2003	**4.9**	**1.9**	NA	CH2M
	07/15/2003	**3.2**	**1.8**	NA	CH2M
	01/27/2004	**5.0**	2.0 J	NA	CH2M
	04/28/2004	**3.0**	1.5 J	NA	CH2M
	07/13/2004	**2.3**	**2.0**	NA	CH2M
	10/13/2004	**2.36**	**2.09**	NA	CH2M
	01/17/2005	**3.36**	**1.99**	NA	CH2M
	02/04/2005	**2.73**	**1.96**	NA	CH2M
	02/04/2005*	**2.87**	**1.97**	NA	CH2M
	04/15/2005	**3.44**	**2.03**	NA	CH2M
	04/15/2005*	**3.53**	**2.08**	NA	CH2M
	08/17/2005	**2.44**	**1.94**	NA	CH2M
	08/17/2005*	**1.94**	**1.95**	NA	CH2M
	10/14/2005	**4.07**	**1.86**	NA	CH2M
	10/14/2005*	**2.86**	**1.88**	NA	CH2M
	12/06/2005	**2.15**	1.44 J	NA	CH2M
	02/14/2006	**2.37**	**2.01**	NA	CH2M
	02/14/2006*	**2.34**	**2.06**	NA	CH2M
	04/19/2006	**6.67**	**1.84**	NA	CH2M
	06/13/2006	**1.72**	**1.85**	NA	CH2M
	08/14/2006	**1.74**	**1.8**	NA	CH2M
	10/16/2006	**1.59**	**1.81**	NA	CH2M
	12/08/2006	**1.87**	**2.0**	NA	CH2M
	02/14/2007	**1.87**	**1.99**	NA	CH2M
	04/11/2007	**5.62**	**2.17**	NA	CH2M
	08/16/2007	**2.23**	**1.98**	NA	CH2M
	08/16/2007*	**2.28**	**2.24**	NA	CH2M
	12/11/2007	**1.87**	**1.77**	NA	CH2M
	02/12/2008	**2.03**	**2.02**	NA	CH2M
	04/11/2008	**2.31**	**2.28**	NA	CH2M
	06/09/2008	**2.11**	**1.87**	NA	CH2M
	08/07/2008	**2.1**	**1.96**	NA	CH2M
	11/05/2008	**1.7**	**1.97**	NA	CH2M
	02/04/2009	**2.17**	**1.71**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
DW-03	05/13/2009	**1.96**	**2.11**	NA	CH2M
	08/07/2009	**1.91**	**2.19**	NA	CH2M
	11/10/2009	**1.9**	**1.92**	NA	CH2M
	02/09/2010	**1.63**	**1.99**	NA	CH2M
	05/12/2010	**1.8**	**2.0**	NA	CH2M
	08/19/2010	**1.8**	ND (2.5)	NA	CH2M
	10/28/2010	1.0 J	1.5 J	NA	CH2M
	01/26/2011	**1.5**	**2.1**	NA	CH2M
	05/05/2011	**2.0**	**2.2**	NA	CH2M
	05/05/2011*	**1.9**	**2.4**	NA	CH2M
	07/28/2011	**1.1**	**1.3**	NA	CH2M
	11/01/2011	ND (1.1)	ND (0.46)	NA	CH2M
	01/12/2012	**1.9**	**1.5**	NA	CH2M
	04/10/2012	**2.1**	**1.2**	NA	CH2M
	07/24/2012	**2.6**	**1.4**	NA	CH2M
	10/17/2012	**1.4**	**1.5**	NA	CH2M
	01/31/2013	**2.1**	**1.6**	NA	CH2M
	04/16/2013	**1.8**	**1.4**	NA	CH2M
	07/31/2013	**2.0**	**1.2**	NA	CH2M
	10/15/2013	**1.3**	**1.2**	NA	CH2M
	01/24/2014	**1.3**	**1.4**	NA	CH2M
	04/15/2014	**1.5**	**1.4**	NA	CH2M
	04/15/2014*	**1.5**	**1.4**	NA	CH2M
	07/22/2014	**2.1**	**1.4**	NA	CH2M
	10/10/2014	**1.6**	**1.5**	NA	CH2M
	01/13/2015	**1.8**	**1.6**	NA	CH2M
	04/07/2015	**1.3**	**1.4**	NA	CH2M
	07/22/2015	**1.3**	**1.5**	NA	CH2M
	10/14/2015	**1.6**	**1.5**	NA	Arcadis
	01/07/2016	**1.6**	**1.6**	NA	Arcadis
	04/08/2016	**2.3**	**1.5**	NA	Arcadis
	07/13/2016	**1.4**	**1.6**	NA	Arcadis
	10/31/2016	**1.4**	**1.5**	NA	Arcadis
	04/12/2017	**2.1**	**1.5**	NA	Arcadis
	10/10/2017	**1.8**	**1.7**	NA	Arcadis
	04/10/2018	**1.9**	**1.9**	NA	Arcadis
	10/12/2018	**2.7**	**2.0**	NA	Arcadis
	04/11/2019	**2.0**	**2.0**	NA	Arcadis
	10/15/2019	**2.2**	**2.0**	NA	Arcadis
	10/15/2019*	**2.2**	**2.0**	NA	Arcadis
	04/09/2020	**2.2**	**2.2**	NA	Arcadis
	04/09/2020*	**2.2**	**2.2**	NA	Arcadis
No. of Samples:	80				
EX-01	03/23/2004	**39**	**37**	NA	CH2M
	04/29/2004	**31.6**	**29**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-01	08/31/2004	**62.7**	**64.7**	NA	CH2M
	09/13/2004	**86.9**	**84.2**	NA	CH2M
	09/29/2004	**64.3**	NA	**66.6**	CH2M
	10/11/2004	**56.6**	**56.2**	NA	CH2M
	10/28/2004	**33**	**32.1**	NA	CH2M
	11/09/2004	**51**	NA	**47.8**	CH2M
	11/22/2004	**56.9**	NA	**53.3**	CH2M
	12/09/2004	**38.4**	**36.3**	NA	CH2M
	12/20/2004	**39.7**	**37.9**	NA	CH2M
	01/13/2005	**42.7**	**40.9**	NA	CH2M
	02/02/2005	**29.7**	**27.7**	NA	CH2M
	02/15/2005	**31.5**	NA	**27.5**	CH2M
	03/09/2005	**30.6**	NA	**28.5**	CH2M
	04/11/2005	**25.6**	**25.9**	NA	CH2M
	05/04/2005	**22.8**	**24.4**	NA	CH2M
	06/07/2005	**25.7**	**23.7**	NA	CH2M
	07/14/2005	21.4 J	**20.6**	NA	CH2M
	08/15/2005	**20.7**	**17.8**	NA	CH2M
	09/27/2005	**15.9**	**19.1**	NA	CH2M
	10/10/2005	**17.5**	**17.1**	NA	CH2M
	11/07/2005	**20.8**	**20**	NA	CH2M
	12/08/2005	**18.8**	**18**	NA	CH2M
	01/25/2006	**16.4**	**18.1**	NA	CH2M
	02/16/2006	**19.8**	**19.6**	NA	CH2M
	04/18/2006	**19.4**	**15.8**	NA	CH2M
	06/12/2006	**22.1**	**16.6**	NA	CH2M
	08/09/2006	**14.9**	**17.5**	NA	CH2M
	10/19/2006	**17**	**17.8**	NA	CH2M
	12/06/2006	**16.2**	**18.8**	NA	CH2M
	02/13/2007	**19**	**19.8**	NA	CH2M
	04/10/2007	**24.1**	**18.2**	NA	CH2M
	08/13/2007	**20.7**	**17.7**	NA	CH2M
	12/05/2007	**21**	**19.9**	NA	CH2M
	02/14/2008	**19.4**	**19.7**	NA	CH2M
	04/07/2008	**20.2**	**19.6**	NA	CH2M
	06/04/2008	**18.2**	**15.6**	NA	CH2M
	08/07/2008	**16.4**	16.6 J	NA	CH2M
	11/05/2008	**13.3**	**15.2**	NA	CH2M
	02/04/2009	**18.6**	**18.6**	NA	CH2M
	05/12/2009	**16.5**	**19.2**	NA	CH2M
	08/12/2009	**17.2**	**17.2**	NA	CH2M
	11/10/2009	**16.6**	**15.5**	NA	CH2M
	02/09/2010	**15.7**	**15.8**	NA	CH2M
	05/12/2010	**16.6**	**15**	NA	CH2M
	08/19/2010	**15.1**	**16.2**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-01	10/28/2010	**14.7**	**13.7**	NA	CH2M
	01/27/2011	**14.5**	**16.5**	NA	CH2M
	05/02/2011	**14.8**	**14.4**	NA	CH2M
	07/28/2011	**13.6**	**11.8**	NA	CH2M
	10/26/2011	11.3 J	14.1 J	NA	CH2M
	01/12/2012	**14.6**	**12.1**	NA	CH2M
	04/09/2012	**10.7**	**11**	NA	CH2M
	07/11/2012	**10.6**	**10.9**	NA	CH2M
	10/16/2012	**11**	**10.6**	NA	CH2M
	01/18/2013	**8.7**	**8.8**	NA	CH2M
	01/18/2013*	**8.3**	**8.8**	NA	CH2M
	04/11/2013	**7.4**	**7.0**	NA	CH2M
	07/03/2013	**6.3**	**6.4**	NA	CH2M
	10/09/2013	**6.6**	**6.9**	NA	CH2M
	10/09/2013*	**6.6**	**6.8**	NA	CH2M
	01/08/2014	**7.3**	**6.6**	NA	CH2M
	04/10/2014	**10**	**12**	NA	CH2M
	07/16/2014	**8.2**	**8.9**	NA	CH2M
	10/17/2014	**7.5**	**7.6**	NA	CH2M
	01/08/2015	**8.3**	**9.2**	NA	CH2M
	01/08/2015*	**8.1**	**9.0**	NA	CH2M
	06/23/2015	**11**	**11**	NA	CH2M
	07/10/2015	**11**	**10**	NA	CH2M
	10/13/2015	**15**	**16**	NA	Arcadis
	01/14/2016	**18**	**18**	NA	Arcadis
	01/14/2016*	**18**	**18**	NA	Arcadis
	10/13/2016	**22**	**23**	NA	Arcadis
	07/11/2017	**32**	**37**	NA	Arcadis
	09/05/2017	**24**	**26**	NA	Arcadis
	10/03/2017	**23**	**25**	NA	Arcadis
	01/10/2018	**20**	**20**	NA	Arcadis
	04/03/2018	**17**	**19**	NA	Arcadis
	07/10/2018	**23**	**24**	NA	Arcadis
	10/05/2018	**21**	**19**	NA	Arcadis
	02/12/2019	**21**	**18**	NA	Arcadis
	04/04/2019	**19**	**19**	NA	Arcadis
	08/06/2019	**19**	**18**	NA	Arcadis
	10/10/2019	**15**	**13**	NA	Arcadis
	01/09/2020	**15**	**16**	NA	Arcadis
	04/16/2020	**14**	**16**	NA	Arcadis
No. of Samples:	87				
EX-02	04/09/2004	**1.4**	0.75 J	NA	CH2M
	04/29/2004	**2.4**	**0.92**	NA	CH2M
	09/29/2004	**5.5**	**5.41**	NA	CH2M
	10/11/2004	**5.9**	**4.8**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-02	10/28/2004	**2.84**	**1.61**	NA	CH2M
	11/09/2004	**23.6**	**9.56**	NA	CH2M
	11/22/2004	**5.21**	**3.65**	NA	CH2M
	12/09/2004	**3.08**	**2.21**	NA	CH2M
	12/20/2004	**5.51**	**5.08**	NA	CH2M
	01/13/2005	**7.43**	**6.22**	NA	CH2M
	02/02/2005	**13.1**	**12.3**	NA	CH2M
	02/15/2005	**15.4**	**12.9**	NA	CH2M
	03/09/2005	**17.6**	**13**	NA	CH2M
	04/11/2005	**14.7**	**13.8**	NA	CH2M
	05/04/2005	**14.1**	**14.4**	NA	CH2M
	06/07/2005	**16.9**	**14.7**	NA	CH2M
	07/14/2005	15 J	**13.1**	NA	CH2M
	08/15/2005	**15**	**13**	NA	CH2M
	09/27/2005	**11.3**	**13.4**	NA	CH2M
	10/10/2005	**11.3**	**13.7**	NA	CH2M
	11/07/2005	**12.4**	**11.5**	NA	CH2M
	12/08/2005	**13.2**	**14.1**	NA	CH2M
	01/25/2006	**12**	**14**	NA	CH2M
	02/16/2006	**15**	**15.1**	NA	CH2M
	04/18/2006	**18**	**14.6**	NA	CH2M
	10/19/2006	**14.1**	**16.1**	NA	CH2M
	12/06/2006	**12.6**	**15**	NA	CH2M
	02/13/2007	**15**	**16.5**	NA	CH2M
	04/10/2007	**18.6**	**14.9**	NA	CH2M
	08/13/2007	**12.7**	**12.4**	NA	CH2M
	12/05/2007	**8.77**	**9.03**	NA	CH2M
	02/14/2008	**10.5**	**9.51**	NA	CH2M
	04/07/2008	**10**	**9.62**	NA	CH2M
	06/04/2008	**11.8**	**11.1**	NA	CH2M
	08/07/2008	**11.4**	**11.3**	NA	CH2M
	11/05/2008	**10.3**	**11.8**	NA	CH2M
	02/04/2009	**9.93**	**11.1**	NA	CH2M
	02/04/2009*	**9.23**	**11.2**	NA	CH2M
	05/12/2009	**9.48**	**10.4**	NA	CH2M
	08/12/2009	**11.7**	**11.4**	NA	CH2M
	11/10/2009	**12.4**	**11.6**	NA	CH2M
	02/09/2010	**10**	**10.2**	NA	CH2M
	05/12/2010	**10.7**	**9.8**	NA	CH2M
	08/19/2010	**11.2**	**11.6**	NA	CH2M
	10/28/2010	**10.3**	**10**	NA	CH2M
	01/27/2011	**10.3**	**10.1**	NA	CH2M
	05/02/2011	**10.7**	**10.1**	NA	CH2M
	07/28/2011	**12.4**	**12**	NA	CH2M
	07/28/2011*	**12.9**	**11.8**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-02	10/26/2011	**12.5**	**14.2**	NA	CH2M
	01/12/2012	**13.2**	**12.5**	NA	CH2M
	04/09/2012	**11.3**	**10.6**	NA	CH2M
	07/11/2012	**12.2**	**12.6**	NA	CH2M
	10/16/2012	**13**	**12.7**	NA	CH2M
	01/18/2013	**14.6**	**14.2**	NA	CH2M
	04/11/2013	**16.3**	**14.4**	NA	CH2M
	07/03/2013	**10.1**	**10**	NA	CH2M
	10/09/2013	**19.5**	**21.3**	NA	CH2M
	01/08/2014	**17.3**	**16.4**	NA	CH2M
	07/16/2014	**18**	**20**	NA	CH2M
	10/17/2014	**23**	**23**	NA	CH2M
	01/08/2015	**17**	**20**	NA	CH2M
	04/10/2015	**18**	**17**	NA	CH2M
	07/10/2015	**14**	**15**	NA	CH2M
	10/13/2015	**13**	**15**	NA	Arcadis
	01/14/2016	**16**	**16**	NA	Arcadis
	04/05/2016	**13**	**14**	NA	Arcadis
	07/12/2016	**11**	**12**	NA	Arcadis
	10/13/2016	**11**	**12**	NA	Arcadis
	01/11/2017	**11**	**12**	NA	Arcadis
	04/11/2017	**10**	**11**	NA	Arcadis
	07/11/2017	**9.7**	**11**	NA	Arcadis
	10/03/2017	**9.3**	**11**	NA	Arcadis
	01/10/2018	**9.5**	**9.4**	NA	Arcadis
	04/05/2018	**7.7**	**8.8**	NA	Arcadis
	07/10/2018	**7.8**	**8.1**	NA	Arcadis
	10/05/2018	**7.0**	**6.7**	NA	Arcadis
	01/10/2019	**7.1**	**6.4**	NA	Arcadis
	04/02/2019	**7.1**	**6.9**	NA	Arcadis
	07/09/2019	**5.8**	**6.5**	NA	Arcadis
	10/10/2019	**5.5**	**5.1**	NA	Arcadis
	01/09/2020	**5.4**	**5.8**	NA	Arcadis
	04/07/2020	**5.3**	**5.1**	NA	Arcadis
No. of Samples:	83				
EX-03	01/26/2006	7.42 J	1.36 J	NA	CH2M
	02/21/2006	**1.28**	ND (0.2)	NA	CH2M
	06/21/2007	**30.9**	**34**	NA	CH2M
	08/13/2007	**32.8**	**31.9**	NA	CH2M
	12/05/2007	**32**	**30.9**	NA	CH2M
	12/05/2007*	**31.9**	**31**	NA	CH2M
	02/14/2008	**27.2**	**27.7**	NA	CH2M
	04/07/2008	**20.4**	**17.4**	NA	CH2M
	06/04/2008	**29**	**28.9**	NA	CH2M
	08/07/2008	**28.1**	**27.8**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-03	11/05/2008	**25.3**	**28.1**	NA	CH2M
	02/04/2009	**22.6**	**26.5**	NA	CH2M
	05/12/2009	**25.6**	**26.1**	NA	CH2M
	11/10/2009	**27.9**	**27.2**	NA	CH2M
	02/09/2010	**22.8**	**23.1**	NA	CH2M
	05/12/2010	**25.3**	**23.3**	NA	CH2M
	08/19/2010	**25.9**	**26.9**	NA	CH2M
	10/28/2010	**24.2**	**22.3**	NA	CH2M
	01/27/2011	**22.3**	**25.4**	NA	CH2M
	05/02/2011	**25.6**	**24.7**	NA	CH2M
	07/28/2011	**29.7**	**28.2**	NA	CH2M
	10/26/2011	**25.7**	**14**	NA	CH2M
	01/12/2012	**22.6**	**20.2**	NA	CH2M
	04/10/2012	**22.7**	**21**	NA	CH2M
	07/11/2012	**17.3**	**17.8**	NA	CH2M
	10/16/2012	**15**	**14.3**	NA	CH2M
	01/18/2013	**2.3**	**1.6**	NA	CH2M
	04/11/2013	ND (1.0)	**0.22**	NA	CH2M
	07/03/2013	**7.1**	**7.1**	NA	CH2M
	07/03/2013*	**7.0**	**7.1**	NA	CH2M
	10/09/2013	**6.2**	**6.6**	NA	CH2M
	03/06/2014	**3.9**	**4.4**	NA	CH2M
	04/10/2014	**5.3**	**5.6**	NA	CH2M
	07/16/2014	**4.2**	**4.9**	NA	CH2M
	07/16/2014*	**4.4**	**4.8**	NA	CH2M
	10/17/2014	**4.7**	**4.9**	NA	CH2M
	01/08/2015	**7.2**	**8.4**	NA	CH2M
	04/10/2015	**3.0**	**3.0**	NA	CH2M
	07/10/2015	**4.7**	**5.1**	NA	CH2M
	11/03/2015	**3.2**	**3.2**	NA	Arcadis
	01/14/2016	**3.2**	**3.2**	NA	Arcadis
	04/14/2016	**3.0**	**3.1**	NA	Arcadis
	07/21/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	10/13/2016	ND (1.0)	**0.35**	NA	Arcadis
	04/20/2017	**2.8**	**2.9**	NA	Arcadis
	10/03/2017	**4.6**	**5.7**	NA	Arcadis
	04/05/2018	**3.9**	**4.1**	NA	Arcadis
	10/16/2018	**4.9**	**2.6**	NA	Arcadis
	11/28/2018	**4.9**	**3.1**	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2019	**3.2**	**1.7**	NA	Arcadis
	12/05/2019	ND (1.0)	**0.45**	NA	Arcadis
	04/24/2020	**1.5**	**0.34**	NA	Arcadis
	06/05/2020	**1.9**	**0.67**	NA	Arcadis
No. of Samples:	54				

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-04	01/26/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2006	**4.59**	ND (0.2)	NA	CH2M
	06/21/2007	**23**	**24.5**	NA	CH2M
	08/13/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/05/2007	**19.5**	**22.8**	NA	CH2M
	02/14/2008	**24.6**	**23.2**	NA	CH2M
	02/14/2008*	**24.7**	**23.5**	NA	CH2M
	04/07/2008	**25.5**	**23.5**	NA	CH2M
	06/04/2008	**27.5**	**24.6**	NA	CH2M
	08/07/2008	**20.4**	**21.4**	NA	CH2M
	11/05/2008	**18.3**	**20.7**	NA	CH2M
	02/04/2009	**5.11**	**2.61**	NA	CH2M
	05/12/2009	**22.3**	**22.6**	NA	CH2M
	08/12/2009	**16.4**	**16.8**	NA	CH2M
	11/10/2009	**19.5**	**18.8**	NA	CH2M
	02/09/2010	**21.5**	**21**	NA	CH2M
	02/09/2010*	**21.5**	**21.8**	NA	CH2M
	05/12/2010	**22.5**	**23.2**	NA	CH2M
	08/19/2010	**19.8**	**18.7**	NA	CH2M
	10/28/2010	**17.1**	**16.1**	NA	CH2M
	01/27/2011	**20.5**	**21.7**	NA	CH2M
	05/02/2011	**16.4**	**10.4**	NA	CH2M
	06/01/2011	**13.8**	**11.4**	NA	CH2M
	07/28/2011	**11.7**	**7.1**	NA	CH2M
	11/02/2011	**5.6**	**4.2**	NA	CH2M
	01/12/2012	**1.3**	ND (1.0)	NA	CH2M
	04/30/2012	**5.4**	**4.8**	NA	CH2M
	07/11/2012	**4.9**	**3.7**	NA	CH2M
	10/16/2012	**5.1**	**3.9**	NA	CH2M
	05/06/2013	ND (1.0)	ND (0.2)	NA	CH2M
	07/03/2013	**2.7**	**2.3**	NA	CH2M
	10/09/2013	**3.5**	**2.1**	NA	CH2M
	01/08/2014	**3.4**	**1.6**	NA	CH2M
	01/08/2014*	**3.4**	**1.5**	NA	CH2M
	04/10/2014	**1.8**	**1.8**	NA	CH2M
	07/16/2014	**1.9**	**2.1**	NA	CH2M
	10/17/2014	**2.9**	**3.2**	NA	CH2M
	01/08/2015	**3.8**	**4.6**	NA	CH2M
	04/10/2015	**2.8**	**2.9**	NA	CH2M
	04/10/2015*	**2.9**	**2.8**	NA	CH2M
	07/10/2015	**2.4**	**2.6**	NA	CH2M
	10/13/2015	**3.6**	**4.0**	NA	Arcadis
	01/14/2016	**4.8**	**4.5**	NA	Arcadis
	04/14/2016	**4.7**	**4.3**	NA	Arcadis
	07/12/2016	**3.6**	**4.0**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-04	10/13/2016	**4.0**	**3.8**	NA	Arcadis
	01/11/2017	**4.4**	**4.2**	NA	Arcadis
	04/11/2017	**3.6**	**3.7**	NA	Arcadis
	07/11/2017	**3.3**	**3.5**	NA	Arcadis
	10/03/2017	**3.1**	**3.6**	NA	Arcadis
	04/05/2018	**2.6**	**2.5**	NA	Arcadis
	07/17/2018	ND (1.0)	**0.51**	NA	Arcadis
	10/16/2018	**2.4**	**2.0**	NA	Arcadis
	02/12/2019	**2.0**	**1.7**	NA	Arcadis
	04/02/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/11/2019	**1.9**	**1.7**	NA	Arcadis
	10/17/2019	**2.1**	**1.8**	NA	Arcadis
	01/15/2020	**2.2**	**2.0**	NA	Arcadis
	04/14/2020	**2.5**	**1.4**	NA	Arcadis
	04/14/2020*	**2.5**	**1.4**	NA	Arcadis
	06/05/2020	**2.1**	**1.3**	NA	Arcadis
No. of Samples:	61				
EX-05	01/25/2006	**1.23**	**0.347**	NA	CH2M
	02/21/2006	ND (1.0)	ND (0.2)	NA	CH2M
	06/10/2008	ND (1.0)	**0.25**	NA	CH2M
	08/07/2008	**2.62**	**2.01**	NA	CH2M
	11/04/2010	**3.8**	**1.1**	NA	CH2M
	03/31/2011	**9.3**	**10.2**	NA	CH2M
	06/16/2011	**10.1**	**9.5**	NA	CH2M
	09/15/2011	**8.4**	**9.1**	NA	CH2M
	10/26/2011	**8.8**	**9.4**	NA	CH2M
	01/30/2012	**8.7**	**8.8**	NA	CH2M
	07/27/2012	**2.8**	**2.5**	NA	CH2M
	10/11/2012	**6.7**	**7.3**	NA	CH2M
	01/31/2013	**3.5**	**3.0**	NA	CH2M
	06/04/2013	**2.8**	**2.4**	NA	CH2M
	07/19/2013	ND (1.0)	ND (0.2)	NA	CH2M
	10/09/2013	**3.4**	**3.6**	NA	CH2M
	01/13/2014	**1.5**	**1.6**	NA	CH2M
	04/03/2014	**1.2**	**0.92**	NA	CH2M
	07/09/2014	**3.2**	**3.1**	NA	CH2M
	07/09/2014*	**3.1**	**2.9**	NA	CH2M
	10/14/2014	**3.0**	**3.0**	NA	CH2M
	01/08/2015	**2.9**	**3.2**	NA	CH2M
	04/10/2015	**3.3**	**2.9**	NA	CH2M
	07/10/2015	**2.6**	**2.4**	NA	CH2M
	07/10/2015*	**2.7**	**2.4**	NA	CH2M
	10/13/2015	**2.5**	**2.6**	NA	Arcadis
	01/12/2016	**2.9**	**2.8**	NA	Arcadis
	04/07/2016	**2.7**	**2.6**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-05	07/12/2016	**2.5**	**2.4**	NA	Arcadis
	10/06/2016	**2.5**	**2.4**	NA	Arcadis
	10/06/2016*	**2.4**	**2.3**	NA	Arcadis
	04/18/2017	**2.1**	**2.1**	NA	Arcadis
	10/05/2017	**1.4**	**1.4**	NA	Arcadis
	04/05/2018	**1.7**	**1.7**	NA	Arcadis
	10/16/2018	**1.7**	**1.5**	NA	Arcadis
	04/02/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2019	**1.6**	**1.4**	NA	Arcadis
	04/14/2020	**1.2**	**1.2**	NA	Arcadis
No. of Samples:	38				
EX-06	01/25/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/21/2006	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	2				
EX-07	09/06/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/17/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/12/2006	ND (1.0)	ND (0.2)	NA	CH2M
	06/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	06/10/2008*	ND (1.0)	ND (0.2)	NA	CH2M
	08/13/2008	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	6				
EX-08	09/06/2006	**1.05**	**1.4**	NA	CH2M
	12/13/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/10/2007	ND (1.0)	**0.915**	NA	CH2M
	06/19/2007	**1.27**	**1.24**	NA	CH2M
	08/17/2007	**2.57**	**1.84**	NA	CH2M
	10/15/2007	**2.25**	**1.99**	NA	CH2M
	12/05/2007	**1.2**	ND (0.2)	NA	CH2M
	02/12/2008	**1.48**	**1.97**	NA	CH2M
	04/10/2008	ND (1.0)	0.451 J	NA	CH2M
	04/10/2008*	ND (1.0)	1.44 J	NA	CH2M
	06/10/2008	**1.18**	**0.96**	NA	CH2M
	08/11/2008	**7.13**	**5.93**	NA	CH2M
	11/06/2008	**4.56**	**5.38**	NA	CH2M
	11/06/2008*	**4.48**	**5.3**	NA	CH2M
	02/05/2009	ND (5.91)	**2.07**	NA	CH2M
	08/05/2009	**4.6**	**5.3**	NA	CH2M
	02/15/2010	**3.78**	**3.5**	NA	CH2M
No. of Samples:	17				
EX-09	09/05/2006	ND (1.0)	**0.546**	NA	CH2M
	09/05/2006*	ND (1.0)	**0.593**	NA	CH2M
	12/14/2006	ND (1.0)	**0.262**	NA	CH2M
	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/10/2007	ND (1.0)	**0.288**	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-09	06/18/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/17/2007	ND (1.0)	**0.301**	NA	CH2M
	02/13/2008	**4.1**	**2.78**	NA	CH2M
	04/10/2008	ND (1.0)	**0.51**	NA	CH2M
	06/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2008	ND (1.0 J)	**0.22**	NA	CH2M
	02/05/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2009	ND (1.0)	**0.67**	NA	CH2M
	08/05/2009	**1.11**	**0.92**	NA	CH2M
	11/16/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/16/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/05/2010	**1.1**	**0.78**	NA	CH2M
	10/28/2010	**1.2**	**0.52**	NA	CH2M
	01/27/2011	ND (1.0)	**0.28**	NA	CH2M
	05/02/2011	**1.3**	**0.83**	NA	CH2M
	07/14/2011	**2.4**	**2.7**	NA	CH2M
	08/02/2011	**2.3**	**2.3**	NA	CH2M
	08/17/2011	**2.0**	**2.4**	NA	CH2M
	09/12/2011	**2.2**	**2.6**	NA	CH2M
	10/26/2011	**2.2**	**2.6**	NA	CH2M
	11/22/2011	**2.4**	**2.3**	NA	CH2M
	01/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	03/09/2012	ND (1.0)	**0.72**	NA	CH2M
	07/11/2012	**1.7**	**1.6**	NA	CH2M
	10/16/2012	**1.6**	**1.5**	NA	CH2M
	10/16/2012*	**1.5**	**1.5**	NA	CH2M
	05/06/2013	ND (1.0)	ND (0.2)	NA	CH2M
	07/03/2013	**1.1**	**1.1**	NA	CH2M
	10/09/2013	**1.2**	**1.1**	NA	CH2M
	01/08/2014	**1.2**	**1.0**	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	07/25/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2015	ND (1.0)	**1.1**	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2015	ND (1.0)	**1.0**	NA	CH2M
No. of Samples:	42				
EX-10	09/06/2006	ND (1.0)	**0.249**	NA	CH2M
	12/14/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/17/2007	ND (1.0)	**0.219**	NA	CH2M
	02/13/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2008	ND (1.0 J)	**0.3**	NA	CH2M
	08/11/2008*	ND (1.0)	**0.3**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-10	03/24/2010	ND (1.0)	**0.33**	NA	CH2M
	05/13/2010	ND (1.0)	**0.74**	NA	CH2M
	08/04/2010	**1.7**	**1.4**	NA	CH2M
	10/28/2010	**1.1**	**0.82**	NA	CH2M
	01/27/2011	ND (1.0)	**0.53**	NA	CH2M
	05/02/2011	ND (1.0)	**0.55**	NA	CH2M
	07/28/2011	**2.7**	**1.8**	NA	CH2M
	10/26/2011	**1.8**	**1.8**	NA	CH2M
	01/30/2012	**3.5**	**1.2**	NA	CH2M
	04/19/2012	**1.7**	**1.3**	NA	CH2M
	07/26/2012	**1.4**	**1.2**	NA	CH2M
	10/05/2012	**1.2**	**1.1**	NA	CH2M
	01/31/2013	**1.0**	**0.73**	NA	CH2M
	04/16/2013	**1.2**	**0.94**	NA	CH2M
	07/10/2013	ND (1.0)	**0.85**	NA	CH2M
	10/09/2013	ND (1.0)	**0.76**	NA	CH2M
	10/09/2013*	**1.1**	**0.73**	NA	CH2M
	01/15/2014	**1.6**	**1.0**	NA	CH2M
	04/03/2014	**1.3**	**1.1**	NA	CH2M
	07/09/2014	**1.4**	**0.87**	NA	CH2M
	10/14/2014	**1.1**	**0.95**	NA	CH2M
	01/16/2015	**1.0**	**0.95**	NA	CH2M
	01/16/2015*	**1.0**	**0.98**	NA	CH2M
	07/22/2015	ND (1.0)	**0.97**	NA	CH2M
	10/15/2015	**1.0**	**0.84**	NA	Arcadis
No. of Samples:	32				
EX-13	08/16/2006	ND (1.0)	**0.363**	NA	CH2M
	12/13/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/13/2006*	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	3				
EX-14	09/06/2006	ND (1.0)	ND (1.0)	NA	CH2M
	10/16/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/13/2006	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	3				
EX-15	08/17/2006	**26.7**	**32.5**	NA	CH2M
	12/13/2006	**34.1**	NA	**40.5**	CH2M
	06/17/2008	**28.3**	**25.4**	NA	CH2M
	06/30/2008	**47**	**47.9**	NA	CH2M
	08/07/2008	**39.4**	**40.6**	NA	CH2M
	08/07/2008*	**39.7**	**40.3**	NA	CH2M
	11/05/2008	**38.9**	**38.6**	NA	CH2M
	02/04/2009	**21.4**	**25.1**	NA	CH2M
	05/12/2009	**39.9**	**42.4**	NA	CH2M
	08/12/2009	**42.3**	**42.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-15	11/10/2009	**47.2**	**46.4**	NA	CH2M
	02/09/2010	**38.5**	**40.8**	NA	CH2M
	05/12/2010	**44**	**44.8**	NA	CH2M
	08/19/2010	**46.1**	**48.5**	NA	CH2M
	10/28/2010	**42.6**	**46.6**	NA	CH2M
	01/27/2011	**22.5**	**21.4**	NA	CH2M
	05/02/2011	**44.6**	**42.7**	NA	CH2M
	07/28/2011	**38.7**	**40.6**	NA	CH2M
	10/26/2011	**41.1**	**43.5**	NA	CH2M
	01/30/2012	**36.6**	**37.2**	NA	CH2M
	04/19/2012	**40**	**36.7**	NA	CH2M
	07/10/2012	**34.7**	**36**	NA	CH2M
	10/11/2012	**30.4**	32.6 J	NA	CH2M
	01/31/2013	**29.9**	**30.1**	NA	CH2M
	04/16/2013	**26.8**	**26.6**	NA	CH2M
	07/19/2013	**23**	**24**	NA	CH2M
	10/04/2013	**19**	**20**	NA	CH2M
	01/08/2014	**16**	**18**	NA	CH2M
	04/09/2014	**14**	**16**	NA	CH2M
	07/22/2014	**11**	**11**	NA	CH2M
	10/17/2014	**8.0**	**9.2**	NA	CH2M
	01/08/2015	**8.6**	**9.9**	NA	CH2M
	04/10/2015	**8.6**	**8.3**	NA	CH2M
	07/10/2015	**6.3**	**6.3**	NA	CH2M
	10/13/2015	**5.2**	**5.3**	NA	Arcadis
	01/12/2016	**4.8**	**5.0**	NA	Arcadis
	04/07/2016	**4.5**	**4.1**	NA	Arcadis
	07/12/2016	**3.3**	**3.2**	NA	Arcadis
	10/06/2016	**3.3**	**3.0**	NA	Arcadis
	01/12/2017	**2.9**	**3.0**	NA	Arcadis
	04/18/2017	**2.9**	**2.9**	NA	Arcadis
	07/18/2017	**2.7**	**3.0**	NA	Arcadis
	10/05/2017	**2.8**	**2.9**	NA	Arcadis
	04/05/2018	**2.5**	**2.7**	NA	Arcadis
	10/05/2018	**2.0**	**1.8**	NA	Arcadis
	04/11/2019	**1.3**	**1.5**	NA	Arcadis
	10/17/2019	**1.2**	**1.1**	NA	Arcadis
	04/16/2020	ND (1.0)	**0.94**	NA	Arcadis
No. of Samples:	48				
EX-16	08/17/2006	**48.3**	**49.6**	NA	CH2M
	10/16/2006	**36.2**	NA	**36.9**	CH2M
	12/14/2006	**56.5**	NA	**57**	CH2M
	06/03/2008	**51.9**	**49.3**	NA	CH2M
	06/03/2008*	**48**	**47.8**	NA	CH2M
	06/17/2008	**55.8**	**54.9**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-16	06/30/2008	**51.4**	**55.3**	NA	CH2M
	08/07/2008	**49.2**	**49.9**	NA	CH2M
	11/05/2008	**42.6**	**46.6**	NA	CH2M
	02/04/2009	**2.75**	**2.98**	NA	CH2M
	05/12/2009	**44.5**	**46.4**	NA	CH2M
	05/12/2009*	**41.4**	**46.2**	NA	CH2M
	08/12/2009	**44.3**	**43.2**	NA	CH2M
	11/10/2009	**28.6**	**29.2**	NA	CH2M
	02/09/2010	**38.4**	**40.3**	NA	CH2M
	05/12/2010	**43.6**	**44.6**	NA	CH2M
	08/19/2010	**41**	**45.2**	NA	CH2M
	10/28/2010	**38.2**	**41.3**	NA	CH2M
	01/27/2011	**38.5**	**37.5**	NA	CH2M
	05/02/2011	**43**	**40**	NA	CH2M
	07/28/2011	**34.8**	**35.5**	NA	CH2M
	10/26/2011	**31.7**	**35.4**	NA	CH2M
	10/26/2011*	**33.9**	**30.4**	NA	CH2M
	01/30/2012	**36.2**	**35.5**	NA	CH2M
	04/19/2012	37.3 J	**33.2**	NA	CH2M
	07/10/2012	**20.3**	**21.4**	NA	CH2M
	07/10/2012*	**21.9**	**21.4**	NA	CH2M
	10/19/2012	**14**	**13.9**	NA	CH2M
	01/31/2013	**14.2**	**14.2**	NA	CH2M
	01/31/2013*	**14.8**	**14.1**	NA	CH2M
	04/16/2013	**10.1**	**10.2**	NA	CH2M
	07/19/2013	**9.3**	**9.3**	NA	CH2M
	10/04/2013	**7.3**	**8.2**	NA	CH2M
	01/08/2014	**6.2**	**6.9**	NA	CH2M
	04/09/2014	**8.7**	**9.0**	NA	CH2M
	07/22/2014	**6.5**	**6.6**	NA	CH2M
	10/17/2014	**5.7**	**5.7**	NA	CH2M
	10/17/2014*	**5.4**	**5.8**	NA	CH2M
	01/08/2015	**5.3**	**6.3**	NA	CH2M
	04/10/2015	**6.7**	**6.6**	NA	CH2M
	07/10/2015	**5.4**	**5.6**	NA	CH2M
	10/13/2015	**4.7**	**4.9**	NA	Arcadis
	10/13/2015*	**4.6**	**5.0**	NA	Arcadis
	01/12/2016	**4.2**	**4.4**	NA	Arcadis
	01/12/2016*	**4.3**	**4.4**	NA	Arcadis
	04/07/2016	**4.3**	**3.8**	NA	Arcadis
	07/12/2016	**4.0**	**4.1**	NA	Arcadis
	10/06/2016	**4.1**	**3.8**	NA	Arcadis
	04/18/2017	**3.4**	**3.5**	NA	Arcadis
	10/05/2017	**3.4**	**3.2**	NA	Arcadis
	04/05/2018	**3.0**	**3.0**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-16	10/16/2018	**2.1**	**1.8**	NA	Arcadis
	04/11/2019	**7.6**	**7.7**	NA	Arcadis
	06/07/2019	**6.2**	**4.1**	NA	Arcadis
	10/18/2019	**2.0**	**1.2**	NA	Arcadis
	04/23/2020	ND (1.0)	**0.6**	NA	Arcadis
No. of Samples:	56				
EX-17	09/06/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/16/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/16/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	12/12/2006	ND (1.0)	ND (0.2)	NA	CH2M
	06/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/13/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/06/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/05/2009	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/27/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2011	ND (1.0)	ND (0.06 J)	NA	CH2M
	01/30/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/19/2012	ND (1.0)	ND (0.2)	NA	CH2M
	07/10/2012	ND (1.0)	ND (0.2)	NA	CH2M
	10/11/2012	ND (1.0)	ND (0.2)	NA	CH2M
	02/01/2013	ND (1.0)	ND (0.2)	NA	CH2M
	04/16/2013	ND (1.0)	ND (0.2)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.2)	NA	CH2M
	10/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/22/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/14/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/06/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/11/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/25/2019	ND (1.0)	ND (0.2)	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-17	04/23/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	40				
EX-20	11/30/2006	**36.3**	ND (1.0)	NA	Arcadis
	06/02/2008	**63.2**	**61.2**	NA	CH2M
	06/17/2008	**56.4**	**51.3**	NA	CH2M
	06/30/2008	**59.2**	**58.9**	NA	CH2M
	08/07/2008	**54.3**	**51.1**	NA	CH2M
	11/05/2008	**50**	**51.1**	NA	CH2M
	11/05/2008*	**49.6**	**52.4**	NA	CH2M
	02/04/2009	ND (1.0)	**0.23**	NA	CH2M
	03/30/2009	**59**	**53**	NA	CH2M
	05/12/2009	**49.1**	**52.5**	NA	CH2M
	08/12/2009	**50.8**	**50.9**	NA	CH2M
	08/12/2009*	**45.7**	**49.7**	NA	CH2M
	11/10/2009	**41.3**	**36.7**	NA	CH2M
	02/09/2010	**44.6**	**45.9**	NA	CH2M
	05/12/2010	**47.1**	**49.2**	NA	CH2M
	08/19/2010	**43.7**	**47.3**	NA	CH2M
	10/28/2010	**41**	**43.5**	NA	CH2M
	01/27/2011	**38.4**	**36.9**	NA	CH2M
	05/02/2011	**20.7**	**20.4**	NA	CH2M
	07/28/2011	**36.9**	**37.2**	NA	CH2M
	10/26/2011	**35.7**	**38.7**	NA	CH2M
	01/30/2012	**37.2**	**35.7**	NA	CH2M
	04/19/2012	**35.3**	**34.1**	NA	CH2M
	04/19/2012*	**37.3**	**34.1**	NA	CH2M
	07/10/2012	**27.3**	**28.3**	NA	CH2M
	10/11/2012	**22.8**	**24.2**	NA	CH2M
	10/11/2012*	**21.6**	**24.3**	NA	CH2M
	01/31/2013	**8.5**	**3.1**	NA	CH2M
	03/11/2013	**21.1**	**20.7**	NA	CH2M
	03/11/2013*	**22.1**	**20.7**	NA	CH2M
	04/16/2013	**18.9**	**17.8**	NA	CH2M
	07/19/2013	**17**	**17**	NA	CH2M
	07/19/2013*	**16**	**17**	NA	CH2M
	10/04/2013	**18**	**16**	NA	CH2M
	01/08/2014	**12**	**14**	NA	CH2M
	04/09/2014	**14**	**14**	NA	CH2M
	07/22/2014	**13**	**13**	NA	CH2M
	07/22/2014*	**13**	**13**	NA	CH2M
	10/17/2014	**11**	**12**	NA	CH2M
	01/08/2015	8.9 J	11 J	NA	CH2M
	04/10/2015	**11**	**11**	NA	CH2M
	07/10/2015	**9.6**	**10**	NA	CH2M
	07/10/2015*	**9.8**	**10**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-20	10/13/2015	**8.7**	**9.1**	NA	Arcadis
	01/12/2016	**8.6**	**9.1**	NA	Arcadis
	04/07/2016	**8.2**	**7.7**	NA	Arcadis
	04/07/2016*	**8.5**	**7.8**	NA	Arcadis
	07/12/2016	**6.7**	**7.7**	NA	Arcadis
	10/06/2016	**8.8**	**7.6**	NA	Arcadis
	01/12/2017	**7.0**	**6.8**	NA	Arcadis
	04/18/2017	**6.9**	**7.2**	NA	Arcadis
	04/18/2017*	**6.9**	**7.2**	NA	Arcadis
	07/18/2017	**5.9**	**6.4**	NA	Arcadis
	10/05/2017	**3.9**	**3.9**	NA	Arcadis
	02/07/2018	**3.8**	**2.6**	NA	Arcadis
	03/07/2018	**2.6**	**1.7**	NA	Arcadis
	05/01/2018	**2.8**	**0.21**	NA	Arcadis
	06/07/2018	**3.2**	**2.9**	NA	Arcadis
	07/17/2018	**3.4**	**3.0**	NA	Arcadis
	10/16/2018	**1.8**	**1.6**	NA	Arcadis
	04/11/2019	**2.8**	**2.1**	NA	Arcadis
	10/17/2019	**2.2**	**1.8**	NA	Arcadis
	10/17/2019*	**2.2**	**1.8**	NA	Arcadis
	04/16/2020	**1.7**	**1.3**	NA	Arcadis
No. of Samples:	64				
EX-21	04/10/2009	**24**	**17.1**	NA	CH2M
	11/10/2009	**26.2**	**25.7**	NA	CH2M
	02/09/2010	**32.3**	**34.5**	NA	CH2M
	05/12/2010	**39.2**	**39.8**	NA	CH2M
	08/19/2010	**40**	**45.3**	NA	CH2M
	10/28/2010	**38.1**	**42.9**	NA	CH2M
	01/27/2011	**38.5**	**42.3**	NA	CH2M
	05/02/2011	**24.1**	**16.5**	NA	CH2M
	08/18/2011	**31**	**28.9**	NA	CH2M
	06/28/2012	**19**	**18.8**	NA	CH2M
	08/06/2012	**5.2**	**3.4**	NA	CH2M
	11/07/2012	**9.8**	**10**	NA	CH2M
	02/07/2013	**7.9**	**8.8**	NA	CH2M
	05/15/2013	**6.2**	**6.9**	NA	CH2M
	08/08/2013	**5.7**	**5.7**	NA	CH2M
	08/08/2013*	**6.1**	**5.6**	NA	CH2M
	11/06/2013	**5.4**	**6.0**	NA	CH2M
	02/04/2014	**4.8**	**4.7**	NA	CH2M
	05/07/2014	**4.0**	**4.0**	NA	CH2M
	08/06/2014	ND (1.0)	ND (0.2)	NA	CH2M
	11/05/2014	**3.3**	**3.2**	NA	CH2M
	02/04/2015	ND (1.0)	ND (0.2)	NA	CH2M
	04/14/2015	**2.3**	**2.3**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-21	07/13/2015	**2.4**	**2.7**	NA	CH2M
	11/03/2015	**2.6**	**2.7**	NA	Arcadis
	02/02/2016	**2.7**	**2.8**	NA	Arcadis
	05/03/2016	**2.7**	**2.7**	NA	Arcadis
	08/03/2016	**2.5**	**2.1**	NA	Arcadis
	12/08/2016	**1.9**	**1.7**	NA	Arcadis
	01/12/2017	**2.8**	**2.7**	NA	Arcadis
	04/18/2017	**1.8**	**1.9**	NA	Arcadis
	10/05/2017	**2.6**	**2.8**	NA	Arcadis
	04/05/2018	**2.6**	**2.6**	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	06/07/2019	**1.2**	ND (0.2)	NA	Arcadis
	10/18/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	05/08/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	37				
EX-22	04/03/2009	**24.2**	**14.9**	NA	CH2M
	11/10/2009	**38.3**	**37.5**	NA	CH2M
	11/10/2009*	**38.4**	**37.2**	NA	CH2M
	05/12/2010	**39.2**	**42**	NA	CH2M
	08/19/2010	**39.7**	**43.3**	NA	CH2M
	10/28/2010	**39.5**	**45.4**	NA	CH2M
	01/27/2011	**36.8**	**39.1**	NA	CH2M
	05/02/2011	**13.1**	**11**	NA	CH2M
	08/18/2011	**42.2**	**40.8**	NA	CH2M
	04/19/2012	**46.6**	**43.3**	NA	CH2M
	08/06/2012	**4.4**	**0.78**	NA	CH2M
	11/07/2012	**31**	**32**	NA	CH2M
	02/07/2013	**31**	**34**	NA	CH2M
	05/15/2013	**28**	**31**	NA	CH2M
	08/08/2013	**25**	**26**	NA	CH2M
	11/12/2013	**22**	**25**	NA	CH2M
	02/04/2014	**27**	**28**	NA	CH2M
	02/04/2014*	**27**	**28**	NA	CH2M
	05/07/2014	**25**	**25**	NA	CH2M
	08/06/2014	**7.4**	**1.4**	NA	CH2M
	11/05/2014	**15**	**15**	NA	CH2M
	02/04/2015	**2.9**	**2.8**	NA	CH2M
	04/14/2015	**20**	**21**	NA	CH2M
	04/14/2015*	**21**	**20**	NA	CH2M
	07/13/2015	**23**	**25**	NA	CH2M
	11/03/2015	**16**	**17**	NA	Arcadis
	02/02/2016	**22**	**23**	NA	Arcadis
	07/19/2016	**24**	**22**	NA	Arcadis
	07/19/2016*	**25**	**22**	NA	Arcadis
	10/12/2016	**29**	**27**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-22	01/11/2017	**31**	**30**	NA	Arcadis
	04/20/2017	**7.8**	**4.4**	NA	Arcadis
	07/13/2017	**38**	**41**	NA	Arcadis
	10/05/2017	**37**	**38**	NA	Arcadis
	01/11/2018	**41**	**39**	NA	Arcadis
	04/05/2018	**48**	**48**	NA	Arcadis
	07/10/2018	**40**	**42**	NA	Arcadis
	10/05/2018	**34**	**33**	NA	Arcadis
	01/10/2019	**46**	**40**	NA	Arcadis
	04/09/2019	**52**	**53**	NA	Arcadis
	06/05/2019	**42**	**43**	NA	Arcadis
	07/09/2019	**39**	**42**	NA	Arcadis
	10/10/2019	**34**	**31**	NA	Arcadis
	01/09/2020	**31**	**31**	NA	Arcadis
	04/16/2020	**34**	**36**	NA	Arcadis
No. of Samples:	45				
EX-23	09/15/2010	**5.2**	**6.0**	NA	CH2M
	10/28/2010	**5.3**	**5.7**	NA	CH2M
	01/27/2011	**5.8**	**5.8**	NA	CH2M
	05/02/2011	**5.5**	**4.8**	NA	CH2M
	07/28/2011	**4.8**	**4.5**	NA	CH2M
	08/18/2011	**4.9**	**4.6**	NA	CH2M
	10/26/2011	**4.1**	**4.5**	NA	CH2M
	01/12/2012	**2.0**	**2.0**	NA	CH2M
	06/28/2012	**4.7**	**4.6**	NA	CH2M
	07/11/2012	**4.0**	**4.2**	NA	CH2M
	10/16/2012	**3.7**	**3.8**	NA	CH2M
	05/06/2013	**1.6**	**0.94**	NA	CH2M
	07/03/2013	**2.2**	**2.4**	NA	CH2M
	10/09/2013	**2.8**	**2.7**	NA	CH2M
	01/08/2014	**2.2**	**2.0**	NA	CH2M
	07/16/2014	NA	**2.7**	NA	CH2M
	10/17/2014	NA	**3.4**	NA	CH2M
	01/08/2015	NA	**2.9**	NA	CH2M
	04/14/2015	**1.3**	**1.3**	NA	CH2M
	09/01/2015	**1.6**	**1.7**	NA	CH2M
	10/13/2015	**1.8**	**1.9**	NA	Arcadis
	01/14/2016	**2.2**	**2.1**	NA	Arcadis
	04/07/2016	**2.3**	**2.2**	NA	Arcadis
	07/12/2016	**2.4**	**2.8**	NA	Arcadis
	10/13/2016	**2.1**	**2.1**	NA	Arcadis
	01/11/2017	**1.8**	**1.8**	NA	Arcadis
	04/13/2017	**2.4**	**2.3**	NA	Arcadis
	07/13/2017	**1.9**	**2.2**	NA	Arcadis
	10/05/2017	**2.0**	**2.1**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-23	10/05/2017*	**1.9**	**2.1**	NA	Arcadis
	04/05/2018	**2.1**	**2.2**	NA	Arcadis
	10/17/2018	**3.0**	**2.0**	NA	Arcadis
	10/17/2018*	**2.9**	**2.0**	NA	Arcadis
	04/09/2019	**2.0**	**2.1**	NA	Arcadis
	04/09/2019*	**2.0**	**2.0**	NA	Arcadis
	10/15/2019	**3.2**	**1.7**	NA	Arcadis
	10/15/2019*	**2.9**	**1.7**	NA	Arcadis
	12/05/2019	**5.3**	**5.9**	NA	Arcadis
	04/24/2020	**2.8**	**2.2**	NA	Arcadis
	04/24/2020*	**2.9**	**2.2**	NA	Arcadis
No. of Samples:	40				
EX-24	09/15/2010	**1.2**	**1.6**	NA	CH2M
	10/28/2010	**2.1**	**2.5**	NA	CH2M
	01/27/2011	**2.7**	**2.9**	NA	CH2M
	05/02/2011	**3.7**	**2.3**	NA	CH2M
	06/01/2011	**3.6**	**2.9**	NA	CH2M
	07/28/2011	**2.6**	**1.9**	NA	CH2M
	08/18/2011	**2.9**	**2.6**	NA	CH2M
	10/26/2011	**3.2**	**3.2**	NA	CH2M
	01/12/2012	ND (1.0)	ND (1.0)	NA	CH2M
	05/11/2012	**1.5**	**1.1**	NA	CH2M
	07/11/2012	**1.1**	ND (1.0)	NA	CH2M
	10/16/2012	**1.2**	**1.4**	NA	CH2M
	01/18/2013	**1.4**	1.2 J	NA	CH2M
	05/06/2013	**1.3**	**1.0**	NA	CH2M
	05/06/2013*	**1.3**	**1.1**	NA	CH2M
	07/03/2013	**1.7**	**1.6**	NA	CH2M
	10/09/2013	**1.9**	**1.9**	NA	CH2M
	01/08/2014	**1.7**	**1.5**	NA	CH2M
	07/16/2014	NA	**1.0**	NA	CH2M
	10/17/2014	NA	**1.3**	NA	CH2M
	01/08/2015	NA	1.8 J	NA	CH2M
	01/08/2015*	NA	5.9 J	NA	CH2M
	04/14/2015	**1.3**	**1.6**	NA	CH2M
	07/13/2015	**1.2**	**1.6**	NA	CH2M
	10/13/2015	**1.3**	**1.4**	NA	Arcadis
	10/13/2015*	**1.3**	**1.4**	NA	Arcadis
	01/14/2016	**1.6**	**1.5**	NA	Arcadis
	01/14/2016*	**1.4**	**1.6**	NA	Arcadis
	10/15/2019	**2.5**	**2.1**	NA	Arcadis
	04/07/2020	**2.0**	**2.1**	NA	Arcadis
No. of Samples:	30				
EX-25	03/31/2011	**6.9**	**5.3**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-25	04/07/2011	**5.9**	**5.2**	NA	CH2M
	05/11/2011	**1.7**	**1.6**	NA	CH2M
	06/06/2011	**5.5**	**5.8**	NA	CH2M
	07/07/2011	**7.2**	**7.4**	NA	CH2M
	08/02/2011	**8.7**	**8.5**	NA	CH2M
	08/17/2011	**7.9**	**8.9**	NA	CH2M
	09/12/2011	**9.9**	**9.5**	NA	CH2M
	10/26/2011	**9.5**	**7.9**	NA	CH2M
	01/12/2012	**7.5**	**7.2**	NA	CH2M
	04/10/2012	**6.8**	**6.8**	NA	CH2M
	07/11/2012	**6.5**	**6.5**	NA	CH2M
	10/16/2012	**6.2**	**6.2**	NA	CH2M
	01/18/2013	**1.8**	1.6 J	NA	CH2M
	05/06/2013	**2.7**	**2.3**	NA	CH2M
	07/03/2013	**5.2**	**5.2**	NA	CH2M
	10/09/2013	**4.6**	**4.2**	NA	CH2M
	01/08/2014	**4.8**	**4.5**	NA	CH2M
	07/16/2014	NA	**4.5**	NA	CH2M
	10/17/2014	NA	**4.3**	NA	CH2M
	01/08/2015	NA	**1.8**	NA	CH2M
	03/19/2015	**6.7**	**6.8**	NA	CH2M
	04/10/2015	**6.4**	**6.3**	NA	CH2M
	07/13/2015	**4.6**	**5.3**	NA	CH2M
	10/13/2015	**4.3**	**4.8**	NA	Arcadis
	01/14/2016	**7.2**	**5.1**	NA	Arcadis
	04/07/2016	**4.8**	**4.7**	NA	Arcadis
	07/12/2016	**4.9**	**5.0**	NA	Arcadis
	10/04/2016	**4.9**	**4.9**	NA	Arcadis
	01/05/2017	**4.6**	**4.6**	NA	Arcadis
	04/06/2017	**3.8**	**3.9**	NA	Arcadis
	07/11/2017	**3.9**	**4.1**	NA	Arcadis
	10/03/2017	**3.2**	**3.9**	NA	Arcadis
	04/05/2018	**3.3**	**2.8**	NA	Arcadis
	10/16/2018	**3.0**	**2.7**	NA	Arcadis
	04/09/2019	**2.9**	**2.1**	NA	Arcadis
	10/15/2019	**2.9**	**2.9**	NA	Arcadis
	04/07/2020	**2.9**	**2.9**	NA	Arcadis
No. of Samples:	38				
EX-26	05/09/2011	**2.4**	ND (0.2)	NA	CH2M
	07/13/2011	**34.2**	**37.3**	NA	CH2M
	08/02/2011	**41**	**40**	NA	CH2M
	08/17/2011	**42.8**	**40.7**	NA	CH2M
	09/12/2011	**37**	**43.8**	NA	CH2M
	10/26/2011	**42.7**	**42.8**	NA	CH2M
	11/22/2011	**40.3**	**38.9**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-26	01/12/2012	**41.1**	**39.1**	NA	CH2M
	04/10/2012	**39.4**	**39.8**	NA	CH2M
	07/11/2012	**33.4**	**36.1**	NA	CH2M
	10/16/2012	**34**	**34.8**	NA	CH2M
	01/18/2013	**28**	**29.3**	NA	CH2M
	04/11/2013	**29**	**27.3**	NA	CH2M
	07/03/2013	**24.9**	**26.8**	NA	CH2M
	10/09/2013	**22.7**	**24.8**	NA	CH2M
	01/08/2014	**26.5**	**25.6**	NA	CH2M
	07/16/2014	NA	**22**	NA	CH2M
	10/16/2014	NA	**18**	NA	CH2M
	01/08/2015	NA	**23**	NA	CH2M
	04/14/2015	**7.7**	**9.4**	NA	CH2M
	07/13/2015	**6.8**	**7.7**	NA	CH2M
	07/13/2015*	**6.9**	**7.5**	NA	CH2M
	10/13/2015	**5.7**	**6.7**	NA	Arcadis
No. of Samples:	23				
EX-27	05/09/2011	**2.7**	**2.3**	NA	CH2M
	07/11/2011	**1.8**	**2.2**	NA	CH2M
	08/02/2011	**4.9**	**4.7**	NA	CH2M
	08/18/2011	**6.4**	**6.0**	NA	CH2M
	09/12/2011	**2.5**	**2.5**	NA	CH2M
	10/26/2011	**6.2**	**6.4**	NA	CH2M
	11/22/2011	**1.5**	**0.74**	NA	CH2M
	01/12/2012	**2.0**	**1.6**	NA	CH2M
	07/24/2012	**2.1**	**1.7**	NA	CH2M
	10/16/2012	**7.5**	**7.7**	NA	CH2M
	01/18/2013	**8.1**	**8.2**	NA	CH2M
	05/06/2013	**1.7**	**1.6**	NA	CH2M
	07/12/2013	**7.9**	**7.4**	NA	CH2M
	10/09/2013	**9.1**	**9.7**	NA	CH2M
	01/08/2014	**4.5**	**4.3**	NA	CH2M
	01/08/2014*	**4.4**	**4.2**	NA	CH2M
	07/18/2014	NA	**1.3**	NA	CH2M
	10/16/2014	NA	**9.7**	NA	CH2M
	10/16/2014*	NA	**9.4**	NA	CH2M
	01/08/2015	NA	**9.8**	NA	CH2M
	05/05/2015	**8.2**	**9.7**	NA	CH2M
	07/13/2015	**7.7**	**8.5**	NA	CH2M
	04/07/2016	**7.8**	**7.9**	NA	Arcadis
	07/21/2016	**8.0**	**8.4**	NA	Arcadis
	10/13/2016	**7.7**	**8.1**	NA	Arcadis
	01/17/2017	**8.6**	**8.6**	NA	Arcadis
	04/06/2017	**6.2**	**6.7**	NA	Arcadis
	07/20/2017	**5.8**	**6.3**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-27	07/20/2017*	**5.4**	**6.4**	NA	Arcadis
	10/03/2017	**5.7**	**6.8**	NA	Arcadis
	04/05/2018	**4.6**	**5.1**	NA	Arcadis
	10/16/2018	**3.9**	**3.9**	NA	Arcadis
	04/09/2019	**4.6**	**4.8**	NA	Arcadis
	10/15/2019	**4.1**	**4.0**	NA	Arcadis
	04/07/2020	**4.8**	**4.7**	NA	Arcadis
No. of Samples:	35				
EX-28	05/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/11/2011	**4.9**	**5.0**	NA	CH2M
	08/02/2011	**6.1**	**5.9**	NA	CH2M
	08/17/2011	**5.6**	**6.5**	NA	CH2M
	09/12/2011	**5.8**	**6.1**	NA	CH2M
	09/12/2011*	**5.7**	**6.1**	NA	CH2M
	10/26/2011	**5.2**	**5.3**	NA	CH2M
	11/22/2011	**5.2**	**5.0**	NA	CH2M
	01/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/30/2012	**6.5**	**7.2**	NA	CH2M
	07/24/2012	**5.6**	**5.5**	NA	CH2M
	10/16/2012	**8.6**	**8.3**	NA	CH2M
	01/18/2013	**4.9**	**4.9**	NA	CH2M
	05/06/2013	**2.2**	**1.9**	NA	CH2M
	07/12/2013	**5.9**	**5.1**	NA	CH2M
	10/09/2013	**5.7**	**6.2**	NA	CH2M
	01/08/2014	**5.8**	**5.4**	NA	CH2M
	07/16/2014	NA	**5.7**	NA	CH2M
	10/16/2014	NA	**6.2**	NA	CH2M
	01/08/2015	NA	**7.0**	NA	CH2M
	05/05/2015	**4.9**	**5.9**	NA	CH2M
	07/13/2015	**4.5**	**5.2**	NA	CH2M
	10/13/2015	**5.0**	**5.8**	NA	Arcadis
No. of Samples:	23				
EX-29	12/13/2011	**18.1**	**7.6**	NA	CH2M
	06/14/2012	**39.3**	**39.5**	NA	CH2M
	07/20/2012	**36.1**	**36.6**	NA	CH2M
	08/09/2012	**41.5**	**36.7**	NA	CH2M
	09/11/2012	**40.9**	**39.2**	NA	CH2M
	10/11/2012	**32.2**	**35.6**	NA	CH2M
	11/09/2012	**38**	**36.6**	NA	CH2M
	12/05/2012	**31.4**	**32.4**	NA	CH2M
	01/31/2013	**35.3**	**32.8**	NA	CH2M
	04/16/2013	**31.4**	**30.8**	NA	CH2M
	04/16/2013*	**30.5**	**30.9**	NA	CH2M
	07/19/2013	**22**	**23**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-29	10/04/2013	**18**	**20**	NA	CH2M
	01/08/2014	**17**	**19**	NA	CH2M
	04/09/2014	**16**	**16**	NA	CH2M
	04/09/2014*	**16**	**16**	NA	CH2M
	07/22/2014	**12**	**11**	NA	CH2M
	10/16/2014	**9.4**	**10**	NA	CH2M
	01/08/2015	**8.9**	**10**	NA	CH2M
	04/10/2015	**14**	**14**	NA	CH2M
	04/10/2015*	**14**	**14**	NA	CH2M
	07/13/2015	**9.5**	**9.9**	NA	CH2M
	10/13/2015	**13**	**13**	NA	Arcadis
	01/12/2016	**9.2**	**9.3**	NA	Arcadis
	04/07/2016	**7.8**	**8.3**	NA	Arcadis
	07/19/2016	**6.6**	**7.0**	NA	Arcadis
	10/11/2016	**6.8**	**6.5**	NA	Arcadis
	01/11/2017	**7.5**	**7.3**	NA	Arcadis
	04/13/2017	**7.5**	**8.0**	NA	Arcadis
	07/13/2017	**6.7**	**7.3**	NA	Arcadis
	10/05/2017	**6.7**	**7.1**	NA	Arcadis
	01/11/2018	**8.6**	**8.4**	NA	Arcadis
	04/05/2018	**9.2**	**9.6**	NA	Arcadis
	07/10/2018	**9.0**	**8.8**	NA	Arcadis
	10/05/2018	**7.7**	**7.6**	NA	Arcadis
	01/10/2019	**8.8**	**7.7**	NA	Arcadis
	04/09/2019	**8.6**	**8.4**	NA	Arcadis
	07/09/2019	**7.0**	**7.3**	NA	Arcadis
	10/15/2019	**6.5**	**5.8**	NA	Arcadis
	01/09/2020	**7.1**	**7.3**	NA	Arcadis
	04/16/2020	**6.7**	**7.1**	NA	Arcadis
No. of Samples:	41				
EX-30	12/13/2011	**28.8**	**15.9**	NA	CH2M
	06/14/2012	**39.9**	**39.6**	NA	CH2M
	07/20/2012	**37.3**	**37.5**	NA	CH2M
	08/09/2012	**38.9**	**34.5**	NA	CH2M
	09/11/2012	**41.8**	**38.1**	NA	CH2M
	10/11/2012	**37.8**	**40.6**	NA	CH2M
	11/09/2012	**42**	**41.8**	NA	CH2M
	12/05/2012	**43.2**	**40.8**	NA	CH2M
	01/31/2013	**44**	**41**	NA	CH2M
	04/16/2013	**42.5**	**42.2**	NA	CH2M
	07/19/2013	**40**	**43**	NA	CH2M
	10/04/2013	**40**	**45**	NA	CH2M
	01/08/2014	**43**	**47**	NA	CH2M
	04/09/2014	**43**	**46**	NA	CH2M
	07/22/2014	**43**	**41**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-30	10/16/2014	**36**	**39**	NA	CH2M
	01/08/2015	**38**	**39**	NA	CH2M
	01/08/2015*	**35**	**39**	NA	CH2M
	04/10/2015	**40**	**38**	NA	CH2M
	07/13/2015	**30**	**29**	NA	CH2M
	10/13/2015	**26**	**25**	NA	Arcadis
	01/12/2016	**32**	**31**	NA	Arcadis
	04/07/2016	**28**	**26**	NA	Arcadis
	07/19/2016	**22**	**21**	NA	Arcadis
	10/11/2016	**18**	**21**	NA	Arcadis
	01/11/2017	**17**	**15**	NA	Arcadis
	04/13/2017	**17**	**16**	NA	Arcadis
	07/13/2017	**11**	**11**	NA	Arcadis
	10/05/2017	**8.0**	**7.1**	NA	Arcadis
	01/11/2018	**7.4**	**7.0**	NA	Arcadis
	04/06/2018	**7.2**	**6.7**	NA	Arcadis
	07/10/2018	**4.6**	**4.6**	NA	Arcadis
	10/05/2018	**3.9**	**3.8**	NA	Arcadis
	01/10/2019	**4.0**	**3.6**	NA	Arcadis
	04/09/2019	**3.9**	**3.8**	NA	Arcadis
	07/09/2019	**2.9**	**3.2**	NA	Arcadis
	10/15/2019	**2.7**	**2.6**	NA	Arcadis
	01/09/2020	**2.5**	**2.5**	NA	Arcadis
	04/16/2020	**2.2**	**2.3**	NA	Arcadis
No. of Samples:	39				
EX-31	06/14/2012	**1.6**	ND (0.2)	NA	CH2M
	07/09/2012	**4.6**	**4.6**	NA	CH2M
	08/09/2012	**5.2**	**5.0**	NA	CH2M
	09/04/2012	**5.4**	**5.4**	NA	CH2M
	10/11/2012	**5.1**	**4.3**	NA	CH2M
	11/09/2012	**3.8**	**3.9**	NA	CH2M
	12/05/2012	**5.2**	**4.7**	NA	CH2M
	01/31/2013	**5.3**	**4.9**	NA	CH2M
	04/16/2013	**5.1**	**5.0**	NA	CH2M
	07/08/2013	**5.1**	**5.0**	NA	CH2M
	07/08/2013*	**5.2**	**5.0**	NA	CH2M
	10/09/2013	**4.8**	**4.7**	NA	CH2M
	01/08/2014	**5.2**	**4.7**	NA	CH2M
	04/08/2014	**4.7**	**4.8**	NA	CH2M
	07/18/2014	**4.0**	**4.3**	NA	CH2M
	10/16/2014	**4.6**	**4.6**	NA	CH2M
	01/08/2015	**4.6**	**5.2**	NA	CH2M
	04/10/2015	**5.4**	**5.4**	NA	CH2M
	07/13/2015	**5.2**	**5.5**	NA	CH2M
	10/06/2015	**5.2**	**5.5**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-31	01/05/2016	**5.3**	**5.2**	NA	Arcadis
	04/07/2016	**5.7**	**5.7**	NA	Arcadis
	07/21/2016	**5.8**	**5.4**	NA	Arcadis
	10/06/2016	**6.1**	**5.7**	NA	Arcadis
	01/05/2017	**5.7**	**5.5**	NA	Arcadis
	04/18/2017	**4.6**	**4.5**	NA	Arcadis
	04/18/2017*	**5.0**	**4.5**	NA	Arcadis
	07/18/2017	**5.3**	**6.2**	NA	Arcadis
	10/03/2017	**5.2**	**6.2**	NA	Arcadis
	01/10/2018	**6.0**	**5.6**	NA	Arcadis
	04/05/2018	**5.2**	**5.6**	NA	Arcadis
	07/17/2018	**5.4**	**3.5**	NA	Arcadis
	09/06/2018	**5.6**	**2.9**	NA	Arcadis
	10/05/2018	**5.7**	**4.6**	NA	Arcadis
	02/12/2019	**6.0**	**3.4**	NA	Arcadis
	03/07/2019	**5.8**	**5.2**	NA	Arcadis
	04/11/2019	**5.9**	**3.9**	NA	Arcadis
	06/07/2019	**5.5**	**3.3**	NA	Arcadis
	07/11/2019	**6.2**	**4.1**	NA	Arcadis
	09/05/2019	**6.1**	**4.6**	NA	Arcadis
	10/17/2019	**6.0**	**3.8**	NA	Arcadis
	10/17/2019*	**6.0**	**3.9**	NA	Arcadis
	12/05/2019	**5.3**	**5.4**	NA	Arcadis
	01/14/2020	**5.9**	**5.9**	NA	Arcadis
	01/14/2020*	**5.8**	**5.8**	NA	Arcadis
	04/16/2020	**5.6**	**3.7**	NA	Arcadis
	06/04/2020	**5.5**	**3.1**	NA	Arcadis
No. of Samples:	47				
EX-32	06/04/2012	**2.3**	**1.7**	NA	CH2M
	06/14/2012	**1.6**	**1.1**	NA	CH2M
	07/09/2012	**2.1**	**2.3**	NA	CH2M
	08/09/2012	**2.8**	**2.2**	NA	CH2M
	09/05/2012	**2.2**	**2.4**	NA	CH2M
	10/11/2012	**2.9**	**2.4**	NA	CH2M
	11/09/2012	**2.4**	**2.4**	NA	CH2M
	12/05/2012	**2.5**	**2.4**	NA	CH2M
	01/25/2013	**2.6**	**2.5**	NA	CH2M
	04/16/2013	**2.2**	**2.1**	NA	CH2M
	07/10/2013	**2.4**	**2.3**	NA	CH2M
	10/09/2013	**2.7**	**2.3**	NA	CH2M
	01/08/2014	ND (1.0)	**0.74**	NA	CH2M
	04/18/2014	**2.2**	**2.1**	NA	CH2M
	07/18/2014	**2.1**	**2.1**	NA	CH2M
	10/16/2014	**1.9**	**2.1**	NA	CH2M
	01/08/2015	**1.3**	**1.4**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-32	05/05/2015	**1.2**	**1.3**	NA	CH2M
	07/13/2015	**1.9**	**2.3**	NA	CH2M
	10/06/2015	**1.7**	**1.7**	NA	Arcadis
	01/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2016	ND (1.0)	**0.97**	NA	Arcadis
	07/12/2016	ND (1.0)	**0.95**	NA	Arcadis
	07/12/2016*	ND (1.0)	**0.96**	NA	Arcadis
	10/06/2016	ND (1.0)	**0.56**	NA	Arcadis
	01/05/2017	**1.2**	**1.0**	NA	Arcadis
	01/05/2017*	**1.2**	**1.1**	NA	Arcadis
	04/18/2017	ND (1.0)	**0.66**	NA	Arcadis
	07/19/2017	ND (1.0)	**0.38**	NA	Arcadis
	07/19/2017*	ND (1.0)	**0.38**	NA	Arcadis
	10/03/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/03/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2018	ND (1.0)	**0.23**	NA	Arcadis
	04/05/2018*	ND (1.0)	**0.27**	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/11/2019	ND (1.0)	**0.22**	NA	Arcadis
	04/11/2019*	ND (1.0)	**0.23**	NA	Arcadis
	10/17/2019	ND (1.0)	**0.5**	NA	Arcadis
	03/10/2020	ND (1.0)	**0.82**	NA	Arcadis
	04/16/2020	**2.0**	**2.1**	NA	Arcadis
	04/16/2020*	**2.1**	**2.1**	NA	Arcadis
No. of Samples:	42				
EX-32D	10/13/2016	ND (1.0)	**0.46**	NA	Arcadis
No. of Samples:	1				
EX-32S	10/13/2016	**1.4**	**0.77**	NA	Arcadis
No. of Samples:	1				
EX-33	06/14/2012	**7.8**	**7.8**	NA	CH2M
	07/09/2012	**5.2**	**5.2**	NA	CH2M
	08/09/2012	**5.2**	**5.0**	NA	CH2M
	08/09/2012*	**5.4**	**5.0**	NA	CH2M
	09/04/2012	**5.5**	**5.6**	NA	CH2M
	10/11/2012	**6.3**	**6.9**	NA	CH2M
	11/09/2012	**6.6**	**6.5**	NA	CH2M
	12/05/2012	**6.3**	**6.1**	NA	CH2M
	01/31/2013	**1.4**	**0.26**	NA	CH2M
	03/12/2013	**6.2**	**5.7**	NA	CH2M
	04/16/2013	**5.8**	**5.6**	NA	CH2M
	07/08/2013	**5.3**	**5.1**	NA	CH2M
	10/09/2013	**5.0**	**4.9**	NA	CH2M
	01/08/2014	**4.8**	**4.5**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-33	04/08/2014	**4.3**	**4.1**	NA	CH2M
	07/18/2014	**4.2**	**4.4**	NA	CH2M
	10/16/2014	**4.0**	**4.7**	NA	CH2M
	01/08/2015	**3.9**	**4.7**	NA	CH2M
	04/10/2015	**3.9**	**4.1**	NA	CH2M
	07/13/2015	**3.8**	**4.3**	NA	CH2M
	10/06/2015	**4.2**	**4.5**	NA	Arcadis
	01/05/2016	**4.4**	**4.4**	NA	Arcadis
	04/07/2016	**3.5**	**4.0**	NA	Arcadis
	07/21/2016	**3.9**	**4.5**	NA	Arcadis
	10/06/2016	**5.7**	**4.5**	NA	Arcadis
	01/05/2017	**4.4**	**4.5**	NA	Arcadis
	04/18/2017	**3.1**	**3.6**	NA	Arcadis
	07/18/2017	**3.4**	**3.9**	NA	Arcadis
	10/03/2017	**3.0**	**3.6**	NA	Arcadis
	01/10/2018	**2.9**	**2.8**	NA	Arcadis
	04/05/2018	**3.0**	**3.3**	NA	Arcadis
	07/17/2018	**3.1**	**2.6**	NA	Arcadis
	10/05/2018	**3.0**	**2.8**	NA	Arcadis
	01/08/2019	**2.8**	**2.6**	NA	Arcadis
	04/04/2019	**2.6**	**3.0**	NA	Arcadis
	07/11/2019	**2.5**	**2.5**	NA	Arcadis
	07/11/2019*	**2.4**	**2.5**	NA	Arcadis
	10/17/2019	**2.6**	**2.7**	NA	Arcadis
	10/17/2019*	**2.6**	**2.7**	NA	Arcadis
	01/14/2020	**2.6**	**2.8**	NA	Arcadis
	01/14/2020*	**2.6**	**2.8**	NA	Arcadis
	04/16/2020	**2.5**	**2.8**	NA	Arcadis
No. of Samples:	42				
EX-34	12/05/2012	**6.6**	**6.2**	NA	CH2M
	01/31/2013	**19.6**	**18.4**	NA	CH2M
	02/19/2013	**19.3**	**18.7**	NA	CH2M
	03/11/2013	**18.3**	**17.9**	NA	CH2M
	04/11/2013	**18.6**	**16.8**	NA	CH2M
	07/03/2013	**17.2**	**18.4**	NA	CH2M
	07/03/2013*	**17.4**	**18.3**	NA	CH2M
	10/09/2013	**18.6**	**19.8**	NA	CH2M
	01/08/2014	**21.5**	**20.1**	NA	CH2M
	07/18/2014	NA	**21**	NA	CH2M
	10/16/2014	NA	**20**	NA	CH2M
	01/08/2015	NA	**22**	NA	CH2M
	04/10/2015	**25**	**25**	NA	CH2M
	07/13/2015	**27**	**26**	NA	CH2M
	10/13/2015	**25**	**26**	NA	Arcadis
	01/14/2016	**24**	**23**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-34	04/07/2016	**24**	**25**	NA	Arcadis
	07/12/2016	**23**	**23**	NA	Arcadis
	10/13/2016	**24**	**24**	NA	Arcadis
	01/05/2017	**22**	**22**	NA	Arcadis
	04/06/2017	**20**	**21**	NA	Arcadis
	07/18/2017	**18**	**20**	NA	Arcadis
	10/05/2017	**18**	**19**	NA	Arcadis
	01/10/2018	**15**	**14**	NA	Arcadis
	04/05/2018	**14**	**15**	NA	Arcadis
	07/10/2018	**13**	**14**	NA	Arcadis
	10/05/2018	**12**	**11**	NA	Arcadis
	01/10/2019	**10**	**9.2**	NA	Arcadis
	04/09/2019	**9.0**	**8.9**	NA	Arcadis
	07/09/2019	**7.9**	**8.6**	NA	Arcadis
	10/15/2019	**8.1**	**7.9**	NA	Arcadis
	01/09/2020	**6.9**	**7.4**	NA	Arcadis
	04/07/2020	**7.1**	**6.8**	NA	Arcadis
No. of Samples:	33				
EX-35	04/16/2013	**4.2**	**3.3**	NA	CH2M
	05/07/2013	**4.5**	**3.3**	NA	CH2M
	06/04/2013	**3.6**	**3.2**	NA	CH2M
	07/10/2013	**4.2**	**3.3**	NA	CH2M
	10/09/2013	**3.4**	**2.8**	NA	CH2M
	01/08/2014	**3.4**	**2.9**	NA	CH2M
	01/08/2014*	**3.8**	**2.9**	NA	CH2M
	04/08/2014	**3.3**	**3.0**	NA	CH2M
	07/18/2014	**2.8**	**2.8**	NA	CH2M
	10/16/2014	**2.6**	**2.9**	NA	CH2M
	01/08/2015	**1.6**	**2.2**	NA	CH2M
	04/10/2015	**3.1**	**3.3**	NA	CH2M
	07/13/2015	**3.5**	**3.8**	NA	CH2M
	07/13/2015*	**3.5**	**3.9**	NA	CH2M
	10/06/2015	**3.9**	**3.8**	NA	Arcadis
	01/05/2016	**3.0**	**2.7**	NA	Arcadis
	04/07/2016	**2.1**	**2.1**	NA	Arcadis
	07/21/2016	**3.1**	**3.4**	NA	Arcadis
	07/21/2016*	**3.1**	**3.4**	NA	Arcadis
	10/04/2016	**1.9**	**2.1**	NA	Arcadis
	01/06/2017	**1.8**	2.0 J	NA	Arcadis
	04/18/2017	**1.8**	**1.8**	NA	Arcadis
	10/04/2017	**3.6**	**4.1**	NA	Arcadis
	04/05/2018	**3.5**	**3.7**	NA	Arcadis
	04/05/2018*	**3.5**	**3.7**	NA	Arcadis
	10/05/2018	**3.7**	**3.7**	NA	Arcadis
	10/05/2018*	**3.7**	**3.7**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-35	04/09/2019	**1.6**	**1.8**	NA	Arcadis
	04/09/2019*	**1.6**	**1.6**	NA	Arcadis
	10/17/2019	**1.4**	**1.5**	NA	Arcadis
	04/07/2020	**3.8**	**3.9**	NA	Arcadis
	04/07/2020*	**4.0**	**3.8**	NA	Arcadis
No. of Samples:	32				
EX-35-A1	09/03/2014	**4.6**	**4.5**	NA	CH2M
No. of Samples:	1				
EX-36	04/16/2014	**1.7**	**1.8**	NA	CH2M
	05/15/2014	NA	**1.9**	NA	Arcadis
	05/15/2014*	NA	**2.0**	NA	Arcadis
	05/22/2014	**2.3**	**1.9**	NA	Arcadis
	06/02/2014	**1.6**	**1.8**	NA	CH2M
	07/10/2014	**1.7**	**1.8**	NA	CH2M
	08/07/2014	**1.9**	**1.6**	NA	CH2M
	09/15/2014	**2.1**	**1.6**	NA	CH2M
	10/17/2014	**1.6**	**1.6**	NA	CH2M
	11/19/2014	**1.6**	**1.6**	NA	CH2M
	12/24/2014	**1.7**	**1.7**	NA	CH2M
	02/03/2015	**1.8**	**1.9**	NA	CH2M
	02/23/2015	**1.7**	**1.8**	NA	CH2M
	04/13/2015	**1.6**	**1.7**	NA	CH2M
	05/13/2015	**1.7**	**1.7**	NA	CH2M
	06/22/2015	**1.6**	**1.8**	NA	CH2M
	07/27/2015	**1.5**	**1.8**	NA	CH2M
	08/31/2015	**1.8**	**1.9**	NA	CH2M
	09/29/2015	**1.8**	**1.7**	NA	CH2M
	10/19/2015	**1.6**	**1.7**	NA	Arcadis
	11/19/2015	**1.7**	**1.7**	NA	Arcadis
	12/07/2015	**1.6**	**1.7**	NA	Arcadis
	01/13/2016	**2.0**	**1.7**	NA	Arcadis
	01/19/2016	**1.8**	**1.7**	NA	Arcadis
	02/11/2016	NA	**1.7**	NA	Arcadis
	03/10/2016	**1.6**	**1.6**	NA	Arcadis
	04/12/2016	**1.8**	**1.7**	NA	Arcadis
	04/19/2016	**1.6**	**1.9**	NA	Arcadis
	04/21/2016	NA	**1.7**	NA	Arcadis
	05/04/2016	**1.6**	**1.7**	NA	Arcadis
	06/09/2016	**1.4**	**1.8**	NA	Arcadis
	07/12/2016	**1.7**	**1.8**	NA	Arcadis
	07/15/2016	**1.7**	**1.8**	NA	Arcadis
	08/02/2016	**1.4**	**1.6**	NA	Arcadis
	09/06/2016	**1.7**	**1.8**	NA	Arcadis
	10/06/2016	**1.8**	**1.7**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-36	10/11/2016	**1.9**	**1.7**	NA	Arcadis
	11/30/2016	**1.7**	**1.8**	NA	Arcadis
	12/15/2016	**1.6**	**1.8**	NA	Arcadis
	01/04/2017	NA	**1.8**	NA	Arcadis
	01/12/2017	**1.7**	**1.7**	NA	Arcadis
	04/13/2017	**1.6**	**1.8**	NA	Arcadis
	10/05/2017	**1.6**	**1.8**	NA	Arcadis
	04/05/2018	**1.7**	**1.8**	NA	Arcadis
	10/17/2018	**34**	**0.24**	NA	Arcadis
	11/28/2018	**4.7**	**0.29**	NA	Arcadis
	04/11/2019	**6.0**	**0.91**	NA	Arcadis
	06/07/2019	**8.3**	**1.7**	NA	Arcadis
	10/17/2019	**13**	**0.98**	NA	Arcadis
	12/06/2019	33 J	**1.6**	NA	Arcadis
	05/08/2020	**5.4**	**0.25**	NA	Arcadis
	06/04/2020	**23**	**0.98**	NA	Arcadis
No. of Samples:	52				
EX-37	02/05/2015	NA	**20**	NA	CH2M
	04/10/2015	**20**	**19**	NA	CH2M
	07/13/2015	**10**	**10**	NA	CH2M
	10/13/2015	**13**	**14**	NA	Arcadis
	01/12/2016	**13**	**13**	NA	Arcadis
	04/07/2016	**12**	**12**	NA	Arcadis
	04/07/2016*	**12**	**12**	NA	Arcadis
	07/19/2016	**9.0**	**7.5**	NA	Arcadis
	10/11/2016	**10**	**9.3**	NA	Arcadis
	01/11/2017	**10**	**9.7**	NA	Arcadis
	04/13/2017	**10**	**10**	NA	Arcadis
	04/13/2017*	**10**	**10**	NA	Arcadis
	07/13/2017	**9.1**	**9.9**	NA	Arcadis
	10/05/2017	**13**	**9.8**	NA	Arcadis
	01/16/2018	**15**	**16**	NA	Arcadis
	04/05/2018	**13**	**13**	NA	Arcadis
	07/10/2018	**12**	**10**	NA	Arcadis
	10/04/2018	**13**	**12**	NA	Arcadis
	01/10/2019	**13**	**11**	NA	Arcadis
	04/09/2019	**12**	**11**	NA	Arcadis
	07/09/2019	**11**	**11**	NA	Arcadis
	10/15/2019	**14**	**11**	NA	Arcadis
	02/03/2020	**14**	**14**	NA	Arcadis
	04/16/2020	**38**	**14**	NA	Arcadis
No. of Samples:	24				
EX-38	06/23/2015	**52**	**52**	NA	CH2M
	07/13/2015	**37**	**33**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-38	08/07/2015	NA	**29**	NA	CH2M
	09/01/2015	NA	**24**	NA	CH2M
	10/08/2015	NA	**37**	NA	Arcadis
	01/07/2016	**33**	**32**	NA	Arcadis
	04/07/2016	**26**	**26**	NA	Arcadis
	07/14/2016	**43**	**42**	NA	Arcadis
	10/11/2016	**33**	**32**	NA	Arcadis
	10/11/2016*	**33**	**33**	NA	Arcadis
	01/12/2017	**23**	**22**	NA	Arcadis
	04/20/2017	**20**	**20**	NA	Arcadis
	07/20/2017	**23**	**24**	NA	Arcadis
	10/10/2017	**20**	**20**	NA	Arcadis
	01/16/2018	**14**	**16**	NA	Arcadis
	04/10/2018	**17**	**18**	NA	Arcadis
	07/10/2018	**27**	**27**	NA	Arcadis
	07/10/2018*	**25**	**27**	NA	Arcadis
	10/16/2018	**43**	**44**	NA	Arcadis
	01/10/2019	**32**	**28**	NA	Arcadis
	04/04/2019	**12**	**12**	NA	Arcadis
	07/09/2019	**62**	**65**	NA	Arcadis
	10/15/2019	**58**	**56**	NA	Arcadis
	01/15/2020	**44**	**45**	NA	Arcadis
	04/16/2020	**31**	**32**	NA	Arcadis
No. of Samples:	25				
EX-39	06/23/2015	**87**	**86**	NA	CH2M
	07/13/2015	**79**	**88**	NA	CH2M
	08/07/2015	NA	**100**	NA	CH2M
	09/01/2015	NA	**110**	NA	CH2M
	10/08/2015	NA	**110**	NA	Arcadis
	01/07/2016	**130**	**110**	NA	Arcadis
	01/07/2016*	**110**	**110**	NA	Arcadis
	04/12/2016	**86**	**86**	NA	Arcadis
	07/14/2016	**140**	**140**	NA	Arcadis
	10/13/2016	**140**	**140**	NA	Arcadis
	01/12/2017	**210**	**180**	NA	Arcadis
	04/11/2017	**300**	**250**	NA	Arcadis
	07/13/2017	**260**	**250**	NA	Arcadis
	08/29/2017	NA	**290**	NA	Arcadis
	10/19/2017	**330**	**330**	NA	Arcadis
	01/18/2018	**340**	**330**	NA	Arcadis
	04/11/2018	**62**	**4.9**	NA	Arcadis
	06/07/2018	**290**	**270**	NA	Arcadis
	07/10/2018	**290**	**280**	NA	Arcadis
	04/02/2019	**300**	**280**	NA	Arcadis
	07/09/2019	**290**	**300**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-39	10/15/2019	**130**	**120**	NA	Arcadis
	04/24/2020	**130**	**120**	NA	Arcadis
No. of Samples:	23				
EX-40	06/23/2015	**23**	**25**	NA	CH2M
	06/23/2015*	**23**	**25**	NA	CH2M
	07/13/2015	**39**	**43**	NA	CH2M
	08/07/2015	NA	**56**	NA	CH2M
	09/01/2015	NA	**50**	NA	CH2M
	10/08/2015	NA	**99**	NA	Arcadis
	01/12/2016	**140**	**140**	NA	Arcadis
	04/12/2016	**120**	**110**	NA	Arcadis
	07/14/2016	**160**	**140**	NA	Arcadis
	10/13/2016	**280**	**260**	NA	Arcadis
	01/17/2017	**420**	**410**	NA	Arcadis
	04/20/2017	**520**	**510**	NA	Arcadis
	07/20/2017	**120**	**120**	NA	Arcadis
	10/10/2017	**190**	**150**	NA	Arcadis
	01/16/2018	**1,100**	**1,000**	NA	Arcadis
	04/10/2018	**110**	**110**	NA	Arcadis
	07/10/2018	**680**	**630**	NA	Arcadis
	07/11/2019	**770**	**790**	NA	Arcadis
No. of Samples:	18				
EX-41	06/23/2015	**19**	**19**	NA	CH2M
	07/13/2015	**19**	**20**	NA	CH2M
	08/07/2015	NA	**19**	NA	CH2M
	10/08/2015	NA	**23**	NA	Arcadis
	01/12/2016	**23**	**24**	NA	Arcadis
	04/12/2016	**17**	**17**	NA	Arcadis
	07/14/2016	**11**	**11**	NA	Arcadis
	10/13/2016	**30**	**27**	NA	Arcadis
	01/17/2017	**30**	**27**	NA	Arcadis
	04/20/2017	**26**	**19**	NA	Arcadis
	04/20/2017*	**27**	**20**	NA	Arcadis
	07/20/2017	**27**	**21**	NA	Arcadis
	10/10/2017	**32**	**23**	NA	Arcadis
	10/10/2017*	**31**	**24**	NA	Arcadis
	01/16/2018	**28**	**22**	NA	Arcadis
	04/10/2018	**25**	**19**	NA	Arcadis
	07/10/2018	**29**	**19**	NA	Arcadis
	04/09/2020	**2.8**	**0.54**	NA	Arcadis
No. of Samples:	18				
EX-42	03/26/2015	NA	**120**	NA	CH2M
	07/23/2015	**160**	**150**	NA	CH2M
	08/07/2015	NA	**170**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-42	10/08/2015	NA	**250**	NA	Arcadis
	01/07/2016	**280**	**260**	NA	Arcadis
	04/12/2016	**240**	**240**	NA	Arcadis
	07/14/2016	**230**	**230**	NA	Arcadis
	10/11/2016	**250**	**240**	NA	Arcadis
	01/17/2017	**240**	**230**	NA	Arcadis
	04/20/2017	**230**	**210**	NA	Arcadis
	07/20/2017	**160**	**190**	NA	Arcadis
	07/20/2017*	**170**	**180**	NA	Arcadis
	10/10/2017	**160**	**170**	NA	Arcadis
	01/16/2018	**160**	**170**	NA	Arcadis
	04/10/2018	**150**	**160**	NA	Arcadis
	07/10/2018	**140**	**150**	NA	Arcadis
	10/04/2018	**130**	**130**	NA	Arcadis
	10/04/2018*	**130**	**130**	NA	Arcadis
	01/10/2019	**80**	**71**	NA	Arcadis
	04/04/2019	**84**	**87**	NA	Arcadis
	04/04/2019*	**79**	**87**	NA	Arcadis
	07/09/2019	**53**	**64**	NA	Arcadis
	07/09/2019*	**61**	**66**	NA	Arcadis
	10/15/2019	**75**	**78**	NA	Arcadis
	10/15/2019*	**79**	**77**	NA	Arcadis
	01/15/2020	**71**	**74**	NA	Arcadis
	04/09/2020	**90**	**90**	NA	Arcadis
No. of Samples:	27				
EX-43	03/25/2015	NA	**98**	NA	CH2M
	07/10/2015	**84**	**93**	NA	CH2M
	08/07/2015	NA	**59**	NA	CH2M
	09/01/2015	NA	**67**	NA	CH2M
	10/08/2015	NA	**92**	NA	Arcadis
	01/12/2016	130 J	**140**	NA	Arcadis
	04/12/2016	**62**	**67**	NA	Arcadis
	07/14/2016	**76**	**72**	NA	Arcadis
	10/13/2016	**71**	**67**	NA	Arcadis
	01/17/2017	**73**	**70**	NA	Arcadis
	04/20/2017	**77**	**79**	NA	Arcadis
	07/20/2017	**89**	**92**	NA	Arcadis
	10/10/2017	**80**	**86**	NA	Arcadis
	01/16/2018	**75**	**79**	NA	Arcadis
	04/10/2018	**68**	**77**	NA	Arcadis
	07/10/2018	**80**	**82**	NA	Arcadis
	10/04/2018	**50**	**49**	NA	Arcadis
	01/10/2019	**36**	**33**	NA	Arcadis
	04/09/2019	**37**	**37**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	19				
EX-44	03/24/2015	NA	**18**	NA	CH2M
	07/10/2015	**12**	**12**	NA	CH2M
	08/07/2015	NA	**28**	NA	CH2M
	10/08/2015	NA	**100**	NA	Arcadis
	01/14/2016	**100**	**100**	NA	Arcadis
	04/12/2016	**71**	**72**	NA	Arcadis
	07/14/2016	68 J	**56**	NA	Arcadis
	10/13/2016	**53**	**29**	NA	Arcadis
	04/20/2017	**25**	**4.3**	NA	Arcadis
	07/20/2017	**30**	**13**	NA	Arcadis
	10/10/2017	**28**	**2.4**	NA	Arcadis
	01/16/2018	**150**	**160**	NA	Arcadis
	04/10/2018	**35**	**36**	NA	Arcadis
	07/10/2018	**12**	**0.49**	NA	Arcadis
No. of Samples:	14				
EX-45	03/10/2015	NA	**0.49**	NA	CH2M
	07/10/2015	**210**	**180**	NA	CH2M
	08/07/2015	NA	**490**	NA	CH2M
	09/01/2015	NA	**440**	NA	CH2M
	10/08/2015	NA	**470**	NA	Arcadis
	01/07/2016	**360**	**350**	NA	Arcadis
	04/12/2016	**340**	**340**	NA	Arcadis
	07/14/2016	**380**	**350**	NA	Arcadis
	10/13/2016	**390**	**330**	NA	Arcadis
	01/17/2017	**420**	**390**	NA	Arcadis
	04/11/2017	**220**	**150**	NA	Arcadis
	07/11/2017	**390**	**330**	NA	Arcadis
	10/10/2017	**560**	**560**	NA	Arcadis
	01/16/2018	330 J	**360**	NA	Arcadis
	01/16/2018*	410 J	**340**	NA	Arcadis
	04/10/2018	**440**	**420**	NA	Arcadis
	07/10/2018	**480**	**500**	NA	Arcadis
	07/09/2019	**430**	**440**	NA	Arcadis
No. of Samples:	18				
EX-46	03/25/2015	NA	**64**	NA	CH2M
	07/10/2015	**56**	**62**	NA	CH2M
	07/10/2015*	**58**	**61**	NA	CH2M
	08/07/2015	NA	**120**	NA	CH2M
	09/01/2015	NA	**110**	NA	CH2M
	10/08/2015	NA	**85**	NA	Arcadis
	01/14/2016	**69**	**69**	NA	Arcadis
	04/12/2016	**52**	**51**	NA	Arcadis
	07/14/2016	**35**	**34**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-46	10/13/2016	**39**	**36**	NA	Arcadis
	01/17/2017	**38**	**38**	NA	Arcadis
	04/11/2017	**39**	**41**	NA	Arcadis
	07/11/2017	**27**	**31**	NA	Arcadis
	10/10/2017	**27**	**29**	NA	Arcadis
	01/16/2018	**35**	**36**	NA	Arcadis
	04/10/2018	**29**	**33**	NA	Arcadis
	07/12/2018	**21**	**21**	NA	Arcadis
	07/12/2018*	**20**	**21**	NA	Arcadis
	10/04/2018	**26**	**24**	NA	Arcadis
	01/10/2019	**43**	**40**	NA	Arcadis
	01/10/2019*	**44**	**40**	NA	Arcadis
	04/09/2019	**46**	**45**	NA	Arcadis
No. of Samples:	22				
EX-47	03/12/2015	NA	**18**	NA	CH2M
	07/23/2015	**49**	**50**	NA	CH2M
	08/07/2015	NA	**55**	NA	CH2M
	09/01/2015	NA	**62**	NA	CH2M
	10/08/2015	NA	**80**	NA	Arcadis
	01/14/2016	**74**	**75**	NA	Arcadis
	04/12/2016	**54**	**50**	NA	Arcadis
	07/14/2016	**34**	**34**	NA	Arcadis
	10/13/2016	**26**	**25**	NA	Arcadis
	01/17/2017	**28**	**25**	NA	Arcadis
	04/11/2017	**99**	**99**	NA	Arcadis
	07/11/2017	**19**	**21**	NA	Arcadis
	10/10/2017	**13**	**15**	NA	Arcadis
	01/16/2018	**15**	**16**	NA	Arcadis
	04/10/2018	**15**	**15**	NA	Arcadis
	07/12/2018	**14**	**14**	NA	Arcadis
	10/04/2018	**19**	**17**	NA	Arcadis
	01/10/2019	**23**	**21**	NA	Arcadis
	04/09/2019	**25**	**21**	NA	Arcadis
No. of Samples:	19				
EX-48	03/19/2015	NA	**23**	NA	CH2M
	07/10/2015	**49**	**51**	NA	CH2M
	08/07/2015	NA	**59**	NA	CH2M
	09/01/2015	NA	**75**	NA	CH2M
	10/08/2015	NA	**120**	NA	Arcadis
	01/14/2016	**63**	**58**	NA	Arcadis
	04/12/2016	**55**	**55**	NA	Arcadis
	07/14/2016	**53**	**52**	NA	Arcadis
	10/13/2016	**58**	**53**	NA	Arcadis
	01/17/2017	**57**	**60**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-48	04/11/2017	**44**	**47**	NA	Arcadis
	07/11/2017	**28**	**32**	NA	Arcadis
	10/10/2017	**52**	**55**	NA	Arcadis
	01/16/2018	**35**	**40**	NA	Arcadis
	04/10/2018	**25**	**34**	NA	Arcadis
	07/12/2018	**47**	**49**	NA	Arcadis
	10/04/2018	**61**	**58**	NA	Arcadis
	01/10/2019	**82**	**72**	NA	Arcadis
	04/09/2019	**4.5**	ND (0.06)	NA	Arcadis
No. of Samples:	19				
EX-49	03/17/2015	NA	ND (0.2)	NA	CH2M
	07/10/2015	ND (1.0)	ND (0.15)	NA	CH2M
	08/07/2015	NA	**64**	NA	CH2M
	09/01/2015	NA	**570**	NA	CH2M
	10/08/2015	NA	**250**	NA	Arcadis
	01/07/2016	**170**	**160**	NA	Arcadis
	04/12/2016	**240**	**230**	NA	Arcadis
	07/14/2016	**230**	**220**	NA	Arcadis
	10/11/2016	**300**	**250**	NA	Arcadis
	01/17/2017	**450**	**410**	NA	Arcadis
	04/11/2017	**94**	**75**	NA	Arcadis
	07/11/2017	**95**	**94**	NA	Arcadis
	10/10/2017	**96**	**72**	NA	Arcadis
	01/16/2018	**73**	**72**	NA	Arcadis
	01/16/2018*	**71**	**74**	NA	Arcadis
	04/18/2018	**63**	**66**	NA	Arcadis
	07/12/2018	**48**	**20**	NA	Arcadis
No. of Samples:	17				
EX-50	03/31/2015	NA	**720**	NA	CH2M
	07/10/2015	**750**	**680**	NA	CH2M
	08/07/2015	NA	**340**	NA	CH2M
	09/01/2015	NA	**480**	NA	CH2M
	10/08/2015	NA	**460**	NA	Arcadis
	01/07/2016	**330**	**320**	NA	Arcadis
	01/07/2016*	**340**	**320**	NA	Arcadis
	04/12/2016	**250**	**250**	NA	Arcadis
	07/14/2016	**240**	**240**	NA	Arcadis
	07/14/2016*	**270**	**230**	NA	Arcadis
	10/11/2016	**240**	**240**	NA	Arcadis
	01/17/2017	**210**	**200**	NA	Arcadis
	01/17/2017*	**200**	**200**	NA	Arcadis
	04/11/2017	**260**	**220**	NA	Arcadis
	07/11/2017	**200**	**200**	NA	Arcadis
	07/11/2017*	**210**	**200**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-50	08/30/2017	NA	**170**	NA	Arcadis
	10/10/2017	**200**	**190**	NA	Arcadis
	01/16/2018	**170**	**180**	NA	Arcadis
	04/10/2018	**150**	**170**	NA	Arcadis
	04/10/2018*	**160**	**170**	NA	Arcadis
	07/12/2018	**140**	**140**	NA	Arcadis
	10/04/2018	**140**	**140**	NA	Arcadis
	01/08/2019	**70**	**64**	NA	Arcadis
	04/02/2019	**120**	**120**	NA	Arcadis
	04/02/2019*	**120**	**120**	NA	Arcadis
	07/09/2019	**120**	**130**	NA	Arcadis
	10/15/2019	**59**	**54**	NA	Arcadis
	10/15/2019*	**59**	**55**	NA	Arcadis
	01/09/2020	**40**	**40**	NA	Arcadis
	05/05/2020	**69**	**69**	NA	Arcadis
	05/05/2020*	**67**	**70**	NA	Arcadis
No. of Samples:	32				
EX-51	04/02/2015	NA	**12**	NA	CH2M
	07/10/2015	**19**	**22**	NA	CH2M
	08/07/2015	NA	**50**	NA	CH2M
	10/08/2015	NA	**24**	NA	Arcadis
	01/07/2016	**17**	**18**	NA	Arcadis
	04/12/2016	**34**	**34**	NA	Arcadis
	07/14/2016	**9.5**	**9.5**	NA	Arcadis
	10/11/2016	**15**	**15**	NA	Arcadis
	01/17/2017	**11**	**8.7**	NA	Arcadis
	04/11/2017	**14**	**15**	NA	Arcadis
	07/11/2017	**19**	**19**	NA	Arcadis
	10/11/2017	**28**	**27**	NA	Arcadis
	10/11/2017*	**29**	**27**	NA	Arcadis
	01/16/2018	**46**	**49**	NA	Arcadis
	04/10/2018	**30**	**33**	NA	Arcadis
	07/12/2018	**15**	**15**	NA	Arcadis
	07/24/2019	**45**	**48**	NA	Arcadis
	03/10/2020	**49**	**53**	NA	Arcadis
	04/09/2020	**70**	**70**	NA	Arcadis
No. of Samples:	19				
EX-52	04/03/2015	NA	**1.5**	NA	CH2M
	07/10/2015	**13**	**14**	NA	CH2M
	08/07/2015	NA	**14**	NA	CH2M
	10/08/2015	NA	**20**	NA	Arcadis
	01/07/2016	**9.1**	**7.1**	NA	Arcadis
	04/12/2016	**7.2**	**7.2**	NA	Arcadis
	07/14/2016	**4.0**	**4.1**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-52	10/11/2016	**4.3**	**4.2**	NA	Arcadis
	01/17/2017	**4.3**	**3.9**	NA	Arcadis
	04/11/2017	**5.8**	**5.7**	NA	Arcadis
	07/11/2017	**6.3**	**7.1**	NA	Arcadis
	10/17/2017	**9.8**	**10**	NA	Arcadis
	01/16/2018	**10**	**10**	NA	Arcadis
	04/10/2018	**12**	**13**	NA	Arcadis
	07/12/2018	**18**	**17**	NA	Arcadis
	10/04/2018	**13**	**12**	NA	Arcadis
	01/08/2019	**11**	**10**	NA	Arcadis
	04/09/2019	**12**	**12**	NA	Arcadis
	07/09/2019	**16**	**15**	NA	Arcadis
	10/15/2019	**13**	**12**	NA	Arcadis
	01/15/2020	**13**	**13**	NA	Arcadis
	04/09/2020	**14**	**14**	NA	Arcadis
No. of Samples:	22				
EX-53	06/27/2017	**12**	**11**	NA	Arcadis
	07/11/2017	**17**	**18**	NA	Arcadis
	10/10/2017	**20**	**21**	NA	Arcadis
	01/16/2018	**16**	**17**	NA	Arcadis
	04/10/2018	**15**	**17**	NA	Arcadis
	07/12/2018	**15**	**15**	NA	Arcadis
	10/04/2018	**15**	**14**	NA	Arcadis
	10/04/2018*	**15**	**14**	NA	Arcadis
	01/10/2019	**13**	**13**	NA	Arcadis
	04/09/2019	**13**	**13**	NA	Arcadis
	07/09/2019	**12**	**14**	NA	Arcadis
	10/15/2019	**13**	**12**	NA	Arcadis
	01/09/2020	**12**	**12**	NA	Arcadis
	04/16/2020	**11**	**12**	NA	Arcadis
No. of Samples:	14				
EX-54	10/18/2017	**42**	**44**	NA	Arcadis
	05/01/2018	**13**	**12**	NA	Arcadis
	07/17/2018	**12**	**13**	NA	Arcadis
	10/04/2018	**16**	**16**	NA	Arcadis
	01/08/2019	**12**	**15**	NA	Arcadis
	04/11/2019	160 J	**160**	NA	Arcadis
	06/07/2019	**49**	**55**	NA	Arcadis
	01/15/2020	**96**	**100**	NA	Arcadis
No. of Samples:	8				
EX-55	02/23/2018	NA	**39**	NA	Arcadis
	07/18/2018	**34**	**36**	NA	Arcadis
	07/18/2018*	**34**	**35**	NA	Arcadis
	10/04/2018	**37**	**37**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-55	10/04/2018*	**37**	**37**	NA	Arcadis
	01/08/2019	**42**	**39**	NA	Arcadis
	01/08/2019*	**41**	**38**	NA	Arcadis
	04/02/2019	**48**	**48**	NA	Arcadis
	04/02/2019*	**48**	**49**	NA	Arcadis
	07/16/2019	**74**	**80**	NA	Arcadis
	11/07/2019	**73**	**69**	NA	Arcadis
	11/07/2019*	**70**	**69**	NA	Arcadis
	01/15/2020	**68**	**73**	NA	Arcadis
	04/16/2020	**67**	**72**	NA	Arcadis
	04/16/2020*	**69**	**71**	NA	Arcadis
No. of Samples:	15				
EX-55D [b]	02/26/2018	NA	**42**	NA	Arcadis
No. of Samples:	1				
EX-55S [c]	02/26/2018	NA	**43**	NA	Arcadis
No. of Samples:	1				
EX-56	03/01/2018	NA	**52**	NA	Arcadis
	07/12/2018	**27**	**28**	NA	Arcadis
	10/11/2018	**17**	**16**	NA	Arcadis
	01/10/2019	**15**	**14**	NA	Arcadis
	04/02/2019	**15**	**15**	NA	Arcadis
	07/11/2019	**12**	**13**	NA	Arcadis
	10/15/2019	**12**	**12**	NA	Arcadis
	01/09/2020	**12**	**13**	NA	Arcadis
	01/09/2020*	**12**	**13**	NA	Arcadis
	04/09/2020	**13**	**13**	NA	Arcadis
No. of Samples:	10				
EX-56D [b]	03/01/2018	NA	**110**	NA	Arcadis
No. of Samples:	1				
EX-56S [c]	03/02/2018	NA	**33**	NA	Arcadis
No. of Samples:	1				
EX-57	03/07/2018	NA	**160**	NA	Arcadis
No. of Samples:	1				
EX-57D [b]	03/08/2018	NA	**1,000**	NA	Arcadis
No. of Samples:	1				
EX-57S [c]	03/09/2018	NA	**13**	NA	Arcadis
No. of Samples:	1				
EX-58	04/05/2018	NA	**83**	NA	Arcadis
No. of Samples:	1				
EX-58D [b]	04/05/2018	NA	**1,100**	NA	Arcadis
No. of Samples:	1				
EX-58S [c]	04/05/2018	NA	**10**	NA	Arcadis
No. of Samples:	1				
EX-59	03/30/2018	NA	**28**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-59	02/13/2019	**8.2**	**8.8**	NA	Arcadis
	04/02/2019	**15**	**15**	NA	Arcadis
	07/11/2019	**30**	**33**	NA	Arcadis
	10/15/2019	**32**	**31**	NA	Arcadis
	01/09/2020	**27**	**28**	NA	Arcadis
	04/09/2020	**36**	**36**	NA	Arcadis
No. of Samples:	7				
EX-59D [b]	03/30/2018	NA	**62**	NA	Arcadis
[b]	10/04/2018	**71**	**65**	NA	Arcadis
[b]	10/04/2018*	**68**	**65**	NA	Arcadis
No. of Samples:	3				
EX-59S [c]	03/30/2018	NA	**22**	NA	Arcadis
No. of Samples:	1				
EX-60	03/21/2018	NA	**36**	NA	Arcadis
No. of Samples:	1				
EX-60D [b]	03/22/2018	NA	**210**	NA	Arcadis
[b]	10/04/2018	**190**	**180**	NA	Arcadis
[b]	02/13/2019	**220**	**220**	NA	Arcadis
[b]	02/13/2019*	**230**	**210**	NA	Arcadis
[b]	04/09/2019	**240**	**220**	NA	Arcadis
[b]	07/11/2019	**240**	**240**	NA	Arcadis
[b]	10/17/2019	**260**	**240**	NA	Arcadis
[b]	01/09/2020	220 J	**220**	NA	Arcadis
[b]	04/09/2020	**290**	**260**	NA	Arcadis
No. of Samples:	9				
EX-60S [c]	03/21/2018	NA	**29**	NA	Arcadis
No. of Samples:	1				
EX-61	03/14/2018	NA	**35**	NA	Arcadis
No. of Samples:	1				
EX-61D [b]	03/15/2018	NA	**48**	NA	Arcadis
[b]	10/04/2018	**46**	**44**	NA	Arcadis
[b]	02/13/2019	**93**	**85**	NA	Arcadis
[b]	04/09/2019	**110**	**97**	NA	Arcadis
[b]	07/11/2019	**100**	**110**	NA	Arcadis
[b]	10/17/2019	**100**	**100**	NA	Arcadis
[b]	01/09/2020	**82**	**81**	NA	Arcadis
[b]	04/09/2020	**110**	**110**	NA	Arcadis
No. of Samples:	8				
EX-61S [c]	03/15/2018	NA	**33**	NA	Arcadis
No. of Samples:	1				
EX-62	05/17/2018	NA	**4.4**	NA	Arcadis
	08/07/2018	**4.4**	**4.8**	NA	Arcadis
	10/05/2018	**4.8**	**5.0**	NA	Arcadis
	02/12/2019	**5.2**	**4.8**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
EX-62	04/09/2019	**5.6**	**5.5**	NA	Arcadis
	07/11/2019	**5.3**	**5.8**	NA	Arcadis
	10/17/2019	**5.2**	**5.0**	NA	Arcadis
	10/17/2019*	**5.3**	**5.0**	NA	Arcadis
	01/09/2020	**4.5**	**4.2**	NA	Arcadis
	04/09/2020	**5.0**	**5.0**	NA	Arcadis
No. of Samples:	10				
EX-63	12/11/2018	NA	**110**	NA	Arcadis
	05/09/2019	**150**	**150**	NA	Arcadis
	07/11/2019	**200**	**210**	NA	Arcadis
	10/17/2019	**140**	**130**	NA	Arcadis
	01/14/2020	**140**	**140**	NA	Arcadis
	04/16/2020	**120**	**34**	NA	Arcadis
No. of Samples:	6				
EX-63D [b]	12/12/2018	NA	**240**	NA	Arcadis
No. of Samples:	1				
EX-63S [c]	12/12/2018	NA	**94**	NA	Arcadis
No. of Samples:	1				
EX-64	12/07/2018	NA	**410**	NA	Arcadis
	05/09/2019	**500**	**510**	NA	Arcadis
	07/11/2019	**520**	**490**	NA	Arcadis
	10/17/2019	**370**	**320**	NA	Arcadis
	01/14/2020	**350**	**320**	NA	Arcadis
	01/14/2020*	**350**	**320**	NA	Arcadis
	04/16/2020	**200**	**180**	NA	Arcadis
No. of Samples:	7				
EX-65	11/28/2018	NA	**110**	NA	Arcadis
	05/09/2019	**140**	**140**	NA	Arcadis
	05/09/2019*	**140**	**150**	NA	Arcadis
	07/11/2019	**94**	**76**	NA	Arcadis
	07/11/2019*	**91**	**77**	NA	Arcadis
	10/17/2019	**51**	**40**	NA	Arcadis
	01/14/2020	**36**	**23**	NA	Arcadis
	01/14/2020*	**35**	**22**	NA	Arcadis
	04/16/2020	**32**	**21**	NA	Arcadis
No. of Samples:	9				
EX-66	12/04/2018	NA	**21**	NA	Arcadis
	04/11/2019	**22**	**22**	NA	Arcadis
	07/16/2019	**15**	**16**	NA	Arcadis
	07/16/2019*	**14**	**16**	NA	Arcadis
	11/07/2019	**8.4**	**8.4**	NA	Arcadis
	01/15/2020	**6.4**	**6.3**	NA	Arcadis
	01/15/2020*	**6.4**	**6.4**	NA	Arcadis
	04/16/2020	**6.0**	**6.4**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	8				
EX-67	11/16/2018	NA	**39**	NA	Arcadis
	05/09/2019	**36**	**38**	NA	Arcadis
	07/16/2019	**26**	**27**	NA	Arcadis
	11/07/2019	**24**	**24**	NA	Arcadis
	11/07/2019*	**23**	**23**	NA	Arcadis
	01/16/2020	**22**	**24**	NA	Arcadis
	04/16/2020	**22**	**23**	NA	Arcadis
	04/16/2020*	**21**	**23**	NA	Arcadis
No. of Samples:	8				
EX-67D [b]	11/20/2018	NA	**21**	NA	Arcadis
No. of Samples:	1				
EX-67S [c]	11/20/2018	NA	**82**	NA	Arcadis
No. of Samples:	1				
FW-01	03/21/2011	ND (1.1)	ND (0.3)	NA	CH2M
	04/04/2011	ND (1.1)	**0.51**	NA	CH2M
	05/10/2011	ND (1.0)	**0.5**	NA	CH2M
	07/27/2011	ND (1.0)	**0.67**	NA	CH2M
	08/02/2011	ND (1.0)	NA	NA	CH2M
	08/30/2011	**1.2**	**1.1**	NA	CH2M
	09/26/2011	**1.3**	**1.0**	NA	CH2M
	09/26/2011*	**1.1**	**1.1**	NA	CH2M
	10/27/2011	**1.9**	**0.98**	NA	CH2M
	11/09/2011	ND (1.0)	**0.94**	NA	CH2M
	01/11/2012	ND (1.0)	**0.98**	NA	CH2M
	02/08/2012	**1.1**	**0.92**	NA	CH2M
	02/08/2012*	ND (1.0)	**0.9**	NA	CH2M
	03/07/2012	ND (1.0)	**0.93**	NA	CH2M
	04/04/2012	ND (1.0)	**0.9**	NA	CH2M
	05/02/2012	ND (1.0)	**1.0**	NA	CH2M
	05/15/2012	**1.1**	**0.84**	NA	CH2M
	06/13/2012	ND (1.0)	**0.91**	NA	CH2M
	06/13/2012*	ND (1.0)	**0.91**	NA	CH2M
	07/11/2012	ND (1.0)	**0.89**	NA	CH2M
	08/02/2012	**1.4**	**0.85**	NA	CH2M
	09/04/2012	ND (1.0)	**0.91**	NA	CH2M
	10/12/2012	ND (1.0)	**0.89**	NA	CH2M
	11/08/2012	ND (1.0)	**0.89**	NA	CH2M
	12/06/2012	ND (1.0)	**0.86**	NA	CH2M
	01/29/2013	**1.0**	**0.96**	NA	CH2M
	02/19/2013	**1.0**	**0.93**	NA	CH2M
	03/11/2013	**1.0**	**0.95**	NA	CH2M
	04/01/2013	ND (1.0)	**0.53**	NA	CH2M
	05/07/2013	**1.0**	**0.94**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
FW-01	06/04/2013	**1.1**	**0.95**	NA	CH2M
	07/08/2013	ND (1.0)	**0.57**	NA	CH2M
	08/01/2013	ND (1.0)	**0.57**	NA	CH2M
	09/12/2013	ND (1.0)	**0.81**	NA	CH2M
	10/09/2013	ND (1.0)	**0.21**	NA	CH2M
	11/06/2013	ND (1.0)	**0.91**	NA	CH2M
	12/09/2013	**1.0**	**0.94**	NA	CH2M
	01/14/2014	**1.2**	**0.95**	NA	CH2M
	02/05/2014	ND (1.0)	**0.99**	NA	CH2M
	02/05/2014*	**1.0**	**0.99**	NA	CH2M
	03/06/2014	**1.0**	**1.0**	NA	CH2M
	04/04/2014	**1.1**	**1.0**	NA	CH2M
	05/06/2014	ND (1.0)	**1.0**	NA	CH2M
	06/03/2014	**1.0**	**0.99**	NA	CH2M
	07/10/2014	**1.0**	**0.93**	NA	CH2M
	08/04/2014	**1.0**	**1.0**	NA	CH2M
	09/04/2014	ND (1.0)	**0.99**	NA	CH2M
	10/16/2014	**1.0**	**1.1**	NA	CH2M
	11/04/2014	**1.0**	**1.1**	NA	CH2M
	12/11/2014	**1.1**	**1.1**	NA	CH2M
	02/06/2015	**1.1**	**1.1**	NA	CH2M
	10/15/2015	ND (1.0)	**0.85**	NA	Arcadis
	01/21/2016	**1.1**	**1.0**	NA	Arcadis
	04/12/2016	ND (1.0)	**1.0**	NA	Arcadis
	07/19/2016	ND (1.0)	**0.99**	NA	Arcadis
	01/03/2017	**1.0**	**0.99**	NA	Arcadis
	07/26/2017	ND (1.0)	**0.84**	NA	Arcadis
	01/18/2018	**1.0**	**0.97**	NA	Arcadis
	07/17/2018	ND (1.0)	**0.83**	NA	Arcadis
	07/17/2018*	ND (1.0)	**0.84**	NA	Arcadis
	01/08/2019	ND (1.0)	**0.64**	NA	Arcadis
	07/16/2019	ND (1.0)	**0.75**	NA	Arcadis
	01/15/2020	ND (1.0)	**0.72**	NA	Arcadis
	01/15/2020*	ND (1.0)	**0.71**	NA	Arcadis
No. of Samples:	64				
FW-02	01/09/2012	**1.1**	**0.98**	NA	CH2M
	02/08/2012	**1.6**	**1.0**	NA	CH2M
	03/07/2012	**1.1**	**1.1**	NA	CH2M
	04/04/2012	**1.1**	**1.1**	NA	CH2M
	04/04/2012*	**1.2**	**1.1**	NA	CH2M
	05/02/2012	ND (1.0)	**1.1**	NA	CH2M
	05/16/2012	**1.4**	**0.97**	NA	CH2M
	06/13/2012	ND (1.0)	**1.0**	NA	CH2M
	07/11/2012	ND (1.0)	**0.99**	NA	CH2M
	08/02/2012	**1.3**	**0.96**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
FW-02	09/04/2012	**1.2**	**1.1**	NA	CH2M
	10/12/2012	**1.0**	**1.0**	NA	CH2M
	11/08/2012	**1.0**	**1.0**	NA	CH2M
	12/06/2012	**1.2**	**0.97**	NA	CH2M
	01/29/2013	**1.0**	**1.0**	NA	CH2M
	02/19/2013	**1.1**	**0.97**	NA	CH2M
	03/11/2013	**1.1**	**1.0**	NA	CH2M
	04/01/2013	**1.0**	**0.98**	NA	CH2M
	05/07/2013	**1.2**	**0.99**	NA	CH2M
	06/04/2013	**1.1**	**1.0**	NA	CH2M
	07/08/2013	**1.2**	**1.0**	NA	CH2M
	08/01/2013	**1.2**	**1.0**	NA	CH2M
	09/12/2013	ND (1.0)	**0.87**	NA	CH2M
	10/09/2013	ND (1.0)	**0.47**	NA	CH2M
	11/06/2013	ND (1.0)	**0.38**	NA	CH2M
	12/09/2013	ND (1.0)	**0.52**	NA	CH2M
	12/09/2013*	ND (1.0)	**0.51**	NA	CH2M
	01/14/2014	**1.3**	**0.97**	NA	CH2M
	02/05/2014	ND (1.0)	**1.0**	NA	CH2M
	03/06/2014	**1.2**	**1.1**	NA	CH2M
	04/04/2014	**1.2**	**1.1**	NA	CH2M
	05/06/2014	ND (1.0)	**1.1**	NA	CH2M
	06/03/2014	ND (1.0)	**1.0**	NA	CH2M
	07/10/2014	**1.0**	**1.1**	NA	CH2M
	07/10/2014*	**1.0**	**1.0**	NA	CH2M
	08/04/2014	**1.1**	**1.0**	NA	CH2M
	09/04/2014	**1.3**	**1.0**	NA	CH2M
	10/16/2014	**1.0**	**1.1**	NA	CH2M
	11/04/2014	**1.0**	**1.0**	NA	CH2M
	12/11/2014	**1.1**	**1.1**	NA	CH2M
	05/05/2015	ND (1.0)	**1.0**	NA	CH2M
	08/04/2015	ND (1.0)	**0.9**	NA	CH2M
	10/15/2015	ND (1.0)	**1.1**	NA	Arcadis
	01/21/2016	**1.2**	**1.1**	NA	Arcadis
	04/12/2016	ND (1.0)	**1.1**	NA	Arcadis
	07/19/2016	**1.1**	**1.1**	NA	Arcadis
	01/03/2017	**1.1**	**1.1**	NA	Arcadis
	07/26/2017	ND (1.0)	**1.0**	NA	Arcadis
	03/14/2018	ND (1.0)	**1.0**	NA	Arcadis
	07/17/2018	ND (1.0)	**1.0**	NA	Arcadis
	01/08/2019	ND (1.0)	**0.93**	NA	Arcadis
	07/16/2019	ND (1.0)	**0.92**	NA	Arcadis
	01/15/2020	ND (1.0)	**0.91**	NA	Arcadis
No. of Samples:	53				
FW-03	05/05/2015	ND (1.0)	ND (0.2)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
FW-03	08/04/2015	ND (1.0)	ND (0.2)	NA	CH2M
	10/15/2015	ND (1.0)	**0.22**	NA	Arcadis
	01/21/2016	ND (1.0)	**0.27**	NA	Arcadis
	04/12/2016	ND (1.0)	**0.24**	NA	Arcadis
	07/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/05/2017	ND (1.0)	**0.32**	NA	Arcadis
	01/05/2017*	ND (1.0)	**0.33**	NA	Arcadis
	07/25/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	01/18/2018	ND (1.0)	**0.36**	NA	Arcadis
	07/17/2018	ND (1.0)	**0.21**	NA	Arcadis
	01/08/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/16/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	01/16/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/16/2020*	ND (1.0)	**0.2**	NA	Arcadis
No. of Samples:	16				
FW-04	02/06/2015	ND (1.0)	**0.29**	NA	CH2M
	05/05/2015	ND (1.0)	**0.22**	NA	CH2M
	08/04/2015	ND (1.0)	**0.25**	NA	CH2M
	10/15/2015	ND (1.0)	**0.21**	NA	Arcadis
	01/21/2016	ND (1.0)	**0.31**	NA	Arcadis
	04/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/03/2017	ND (1.0)	**0.25**	NA	Arcadis
	07/26/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/18/2018	ND (1.0)	**0.25**	NA	Arcadis
	01/18/2018*	ND (1.0)	**0.23**	NA	Arcadis
	07/17/2018	ND (1.0)	**0.24**	NA	Arcadis
	01/08/2019	ND (1.0)	**0.21**	NA	Arcadis
	07/16/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	01/15/2020	ND (1.0)	**0.24**	NA	Arcadis
No. of Samples:	15				
FW-05	10/30/2013	ND (1.0)	**0.063**	NA	CH2M
	10/31/2013	ND (1.0)	**0.11**	NA	CH2M
	11/01/2013	ND (1.0)	**0.15**	NA	CH2M
	11/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	11/05/2013	ND (1.0)	**0.63**	NA	CH2M
	11/06/2013	ND (1.0)	ND (0.06)	NA	CH2M
	11/06/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	11/07/2013	ND (1.0)	**0.53**	NA	CH2M
	11/15/2013	ND (1.0)	**0.34**	NA	CH2M
	12/23/2013	ND (1.0)	**0.72**	NA	CH2M
No. of Samples:	10				
G-1R	03/09/2011	**5.4**	**5.1**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
G-1R	04/15/2011	**5.1**	**4.7**	NA	CH2M
	05/09/2011	**5.0**	**4.3**	NA	CH2M
	05/09/2011*	**4.5**	**4.3**	NA	CH2M
	06/06/2011	**4.6**	**4.4**	NA	CH2M
	06/06/2011*	**4.5**	**4.4**	NA	CH2M
	07/07/2011	**4.3**	**4.0**	NA	CH2M
	08/17/2011	**3.6**	**4.0**	NA	CH2M
	08/23/2011	**3.5**	**4.2**	NA	Arcadis
	09/15/2011	**3.8**	**3.8**	NA	CH2M
	10/25/2011	**4.2**	**3.9**	NA	CH2M
	12/21/2011	**2.4**	**1.9**	NA	CH2M
	12/21/2011*	**2.4**	**1.8**	NA	CH2M
	01/27/2012	**3.3**	**3.0**	NA	CH2M
	04/19/2012	**4.3**	**4.0**	NA	CH2M
	07/10/2012	**1.7**	**1.5**	NA	CH2M
	10/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/18/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	01/28/2013	ND (1.0)	ND (1.0)	NA	CH2M
	10/09/2013	**1.5**	**1.4**	NA	CH2M
	01/08/2014	**1.5**	**1.3**	NA	CH2M
	04/08/2014	**1.4**	**1.7**	NA	CH2M
	07/18/2014	**1.2**	**1.3**	NA	CH2M
	10/14/2014	**1.3**	**1.5**	NA	CH2M
	01/08/2015	**1.3**	**1.5**	NA	CH2M
	01/08/2015*	**1.3**	**1.6**	NA	CH2M
	05/05/2015	**1.4**	**1.8**	NA	CH2M
	07/09/2015	**1.7**	**1.8**	NA	CH2M
	10/06/2015	**1.6**	**1.7**	NA	Arcadis
	01/12/2016	**1.6**	**1.8**	NA	Arcadis
	04/14/2016	**1.3**	**1.1**	NA	Arcadis
	04/14/2016*	**1.3**	**1.3**	NA	Arcadis
	07/21/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	10/06/2016	**1.1**	**1.4**	NA	Arcadis
	01/05/2017	**1.3**	**1.4**	NA	Arcadis
	04/18/2017	**1.2**	**1.3**	NA	Arcadis
	10/03/2017	ND (1.0)	**1.1**	NA	Arcadis
	06/07/2018	ND (1.0)	**0.55**	NA	Arcadis
	10/16/2018	**1.1**	**0.84**	NA	Arcadis
	06/07/2019	ND (1.0)	**1.3**	NA	Arcadis
	10/17/2019	ND (1.0)	**0.66**	NA	Arcadis
	04/23/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	42				
G-2R	03/09/2011	**1.4**	**1.6**	NA	CH2M
	04/07/2011	**5.9**	**5.2**	NA	CH2M
	05/09/2011	**4.6**	**4.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
G-2R	06/06/2011	**4.2**	**4.5**	NA	CH2M
	07/07/2011	**4.2**	**4.2**	NA	CH2M
	08/17/2011	**4.2**	**4.2**	NA	CH2M
	09/12/2011	**4.8**	**4.0**	NA	CH2M
	10/25/2011	**3.3**	**3.2**	NA	CH2M
	12/21/2011	**1.7**	**1.5**	NA	CH2M
	04/19/2012	**4.4**	**3.7**	NA	CH2M
	07/10/2012	**4.1**	**3.7**	NA	CH2M
	10/16/2012	**3.3**	**3.2**	NA	CH2M
	01/16/2013	**3.4**	**3.3**	NA	CH2M
	10/09/2013	**3.6**	**3.0**	NA	CH2M
	10/09/2013*	**3.4**	**3.0**	NA	CH2M
	01/08/2014	**1.8**	**1.7**	NA	CH2M
	04/08/2014	**1.5**	**1.7**	NA	CH2M
	07/18/2014	**1.5**	0.54 J	NA	CH2M
	07/18/2014*	**1.5**	1.2 J	NA	CH2M
	10/14/2014	**1.4**	**1.6**	NA	CH2M
	01/08/2015	**3.6**	**3.9**	NA	CH2M
	04/09/2015	**3.0**	**2.8**	NA	CH2M
	07/09/2015	**7.0**	**6.9**	NA	CH2M
	10/06/2015	**1.9**	**2.0**	NA	Arcadis
	01/05/2016	**1.8**	**1.9**	NA	Arcadis
	04/05/2016	**1.6**	**1.8**	NA	Arcadis
	07/21/2016	**1.4**	**1.7**	NA	Arcadis
	10/06/2016	**1.6**	**1.7**	NA	Arcadis
	01/05/2017	**1.5**	**1.6**	NA	Arcadis
	01/05/2017*	**1.5**	**1.7**	NA	Arcadis
	04/18/2017	**1.4**	**1.5**	NA	Arcadis
	04/18/2017*	**1.3**	**1.5**	NA	Arcadis
	10/04/2017	**1.4**	**1.6**	NA	Arcadis
	10/04/2017*	**1.4**	**1.6**	NA	Arcadis
	04/03/2018	**1.4**	**1.4**	NA	Arcadis
	04/03/2018*	**1.4**	**1.5**	NA	Arcadis
	11/07/2018	**1.4**	**1.5**	NA	Arcadis
	04/04/2019	**1.1**	**1.5**	NA	Arcadis
	10/17/2019	**1.2**	**1.4**	NA	Arcadis
	10/17/2019*	**1.1**	**1.4**	NA	Arcadis
	04/09/2020	**1.5**	**1.5**	NA	Arcadis
	04/09/2020*	**1.5**	**1.6**	NA	Arcadis
No. of Samples:	42				
G-2R-A1	09/03/2014	**1.9**	**1.9**	NA	CH2M
No. of Samples:	1				
G-5R	03/09/2011	**4.0**	**3.8**	NA	CH2M
	03/09/2011*	**3.6**	**3.7**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
G-5R	04/07/2011	**4.6**	**4.1**	NA	CH2M
	05/10/2011	**4.8**	**4.4**	NA	CH2M
	06/06/2011	**5.4**	**4.6**	NA	CH2M
	07/07/2011	**4.7**	**4.6**	NA	CH2M
	08/17/2011	**4.5**	**4.8**	NA	CH2M
	08/17/2011*	**4.2**	**4.8**	NA	CH2M
	09/12/2011	**6.1**	**6.6**	NA	CH2M
	10/25/2011	**5.0**	**6.1**	NA	Arcadis
	10/25/2011	**6.8**	**6.1**	NA	CH2M
	11/17/2011	**3.9**	**5.3**	NA	Arcadis
	11/21/2011	**4.3**	**5.1**	NA	Arcadis
	11/22/2011	**4.4**	**5.0**	NA	Arcadis
	11/22/2011	**5.0**	**4.8**	NA	CH2M
	11/30/2011	**4.3**	5.0 J	NA	Arcadis
	12/01/2011	**4.5**	**4.9**	NA	Arcadis
	12/08/2011	4.2 J	**5.1**	NA	Arcadis
	12/13/2011	**4.4**	4.8 J	NA	Arcadis
	12/15/2011	**4.6**	5.2 J	NA	Arcadis
	12/15/2011	**5.2**	**5.2**	NA	CH2M
	12/19/2011	**4.3**	**5.1**	NA	Arcadis
	12/19/2011*	NA	**5.0**	NA	Arcadis
	12/21/2011	**4.7**	**5.2**	NA	Arcadis
	12/27/2011	**3.3**	**4.1**	NA	Arcadis
	12/27/2011*	NA	**4.2**	NA	Arcadis
	01/27/2012	**5.1**	**4.5**	NA	CH2M
	02/24/2012	**5.0**	**4.6**	NA	CH2M
	04/19/2012	**4.8**	**4.6**	NA	CH2M
	05/16/2012	**4.3**	**4.3**	NA	CH2M
	06/04/2012	**5.1**	**4.4**	NA	CH2M
	07/10/2012	**4.3**	**4.4**	NA	CH2M
	10/16/2012	**4.3**	**4.1**	NA	CH2M
	01/16/2013	**4.4**	**4.2**	NA	CH2M
	04/16/2013	**4.2**	**4.1**	NA	CH2M
	07/08/2013	**4.1**	**3.7**	NA	CH2M
	10/09/2013	**3.6**	**3.8**	NA	CH2M
	01/08/2014	**3.6**	**3.6**	NA	CH2M
	01/08/2014*	**3.6**	**3.6**	NA	CH2M
	04/08/2014	**3.6**	**3.7**	NA	CH2M
	07/18/2014	**3.3**	**3.6**	NA	CH2M
	10/14/2014	**3.7**	**3.8**	NA	CH2M
	01/08/2015	**2.2**	**2.4**	NA	CH2M
	04/10/2015	**2.7**	**2.7**	NA	CH2M
	07/09/2015	**2.4**	**2.6**	NA	CH2M
	07/09/2015*	**2.5**	**2.6**	NA	CH2M
	10/06/2015	**2.6**	**2.9**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
G-5R	01/07/2016	**2.8**	**2.1**	NA	Arcadis
	07/12/2016	**3.4**	**3.5**	NA	Arcadis
	01/05/2017	**3.2**	**3.4**	NA	Arcadis
	07/18/2017	**2.1**	**2.4**	NA	Arcadis
	04/03/2018	**2.9**	**3.0**	NA	Arcadis
	10/16/2018	**1.7**	**1.8**	NA	Arcadis
	04/12/2019	**1.3**	**1.5**	NA	Arcadis
	10/17/2019	**1.4**	**1.2**	NA	Arcadis
	04/09/2020	**1.5**	**1.4**	NA	Arcadis
No. of Samples:	56				
IDW-MW196EP	02/03/2015	**7.2**	**3.9**	NA	CH2M
No. of Samples:	1				
IN-01	04/30/2009	**1.5**	**1.35**	NA	CH2M
No. of Samples:	1				
IN-02	04/28/2009	**2.27**	**2.63**	NA	CH2M
No. of Samples:	1				
IN-03	04/22/2009	**1.83**	**1.75**	NA	CH2M
No. of Samples:	1				
IN-04	04/17/2009	ND (1.0)	**0.44**	NA	CH2M
No. of Samples:	1				
IN-05	05/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/10/2011*	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	2				
IW-01	03/08/2001	**34**	NA	**20**	ALISTO
	05/22/2001	**46**	**56.8**	**42**	ALISTO
	09/25/2001	**30**	NA	ND (10)	ALISTO
	12/04/2001	**42**	**8.0**	ND (10)	ALISTO
	02/08/2002	**34.2**	**8.7**	NA	CH2M
	05/22/2002	**19.3**	**18.6**	NA	CH2M
	08/27/2002	**17.9**	**10**	NA	CH2M
	08/27/2002*	**12.7**	**9.6**	NA	CH2M
	11/12/2002	**16.2**	**15.7**	NA	CH2M
	02/19/2003	**22.8**	**15**	NA	CH2M
	08/13/2003	**8.8**	**7.0**	NA	CH2M
	02/23/2004	**8.4**	**6.4**	NA	CH2M
	08/26/2004	**4.32**	ND (0.2)	NA	CH2M
	02/10/2005	**4.59**	**2.7**	NA	CH2M
	12/06/2006	ND (1.0)	ND (0.2)	NA	CH2M
	05/10/2011	**24.5**	**22.4**	NA	CH2M
	06/15/2011	**26.6**	**25.7**	NA	CH2M
	07/06/2011	**27.9**	**25.5**	NA	CH2M
	08/17/2011	**35.6**	**31.9**	NA	CH2M
	09/13/2011	**35.9**	**35.4**	NA	CH2M
	10/25/2011	**35.5**	**35.1**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
IW-01	10/25/2011*	**34.8**	**36.8**	NA	CH2M
	11/22/2011	**36.3**	**36.2**	NA	CH2M
	12/13/2011	**32.4**	**34.8**	NA	CH2M
	02/02/2012	**30.2**	**29.9**	NA	CH2M
	05/11/2012	**34.5**	**34.9**	NA	CH2M
	07/20/2012	**35.6**	**35.6**	NA	CH2M
	10/12/2012	**35**	**36.5**	NA	CH2M
	01/28/2013	**38.8**	**35.2**	NA	CH2M
	05/07/2013	**33.2**	**32.8**	NA	CH2M
	07/08/2013	**31.6**	**31.2**	NA	CH2M
	07/08/2013*	**31.7**	**31.7**	NA	CH2M
	10/09/2013	**30.5**	**30.3**	NA	CH2M
	04/18/2014	**27**	**28**	NA	CH2M
	07/17/2014	**28**	**26**	NA	CH2M
	10/22/2014	**19**	**20**	NA	CH2M
	01/22/2015	**23**	**26**	NA	CH2M
	04/09/2015	**27**	**25**	NA	CH2M
	07/13/2015	**25**	**26**	NA	CH2M
	10/13/2015	**23**	**25**	NA	Arcadis
	01/12/2016	**25**	**23**	NA	Arcadis
	04/05/2016	**24**	**23**	NA	Arcadis
	07/19/2016	**21**	**21**	NA	Arcadis
	10/11/2016	**22**	**21**	NA	Arcadis
	01/11/2017	**18**	**18**	NA	Arcadis
	04/13/2017	**17**	**17**	NA	Arcadis
	07/13/2017	**17**	**19**	NA	Arcadis
	10/05/2017	**18**	**19**	NA	Arcadis
	01/11/2018	**16**	**15**	NA	Arcadis
	04/03/2018	**14**	**15**	NA	Arcadis
	07/12/2018	**13**	**13**	NA	Arcadis
	10/04/2018	**12**	**12**	NA	Arcadis
	10/04/2018*	**11**	**11**	NA	Arcadis
	02/12/2019	**9.7**	**9.1**	NA	Arcadis
	04/11/2019	**9.4**	**9.9**	NA	Arcadis
	07/11/2019	**8.6**	**9.6**	NA	Arcadis
	10/10/2019	**8.9**	**8.6**	NA	Arcadis
	01/09/2020	**7.5**	**7.5**	NA	Arcadis
	04/14/2020	**6.8**	**7.2**	NA	Arcadis
No. of Samples:	59				
IW-02	03/08/2001	14 J	NA	**20**	ALISTO
	03/08/2001*	14 J	NA	NA	ALISTO
	05/22/2001	**14**	**20**	**10**	ALISTO
	05/22/2001*	**14**	**19**	**10**	ALISTO
	09/25/2001	**9.0**	NA	ND (10)	ALISTO
	09/25/2001*	**5.1**	NA	ND (10)	ALISTO

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
IW-02	12/04/2001	**20**	**3.2**	ND (10)	ALISTO
	12/04/2001*	**8.0**	ND (0.2)	ND (10)	ALISTO
	02/08/2002	**12.9**	**9.6**	NA	CH2M
	05/23/2002	**1.5**	ND (0.2)	NA	CH2M
	05/23/2002*	**2.1**	ND (0.2)	NA	CH2M
	08/27/2002	**12.4**	**9.9**	NA	CH2M
	11/12/2002	**4.1**	**2.0**	NA	CH2M
	02/19/2003	**8.1**	**2.8**	NA	CH2M
	08/15/2003	**6.6**	**2.6**	NA	CH2M
	02/16/2004	**8.1**	**3.5**	NA	CH2M
	08/26/2004	**3.51**	ND (0.2)	NA	CH2M
	02/10/2005	**3.54**	**1.61**	NA	CH2M
	12/06/2006	ND (1.0)	ND (0.2)	NA	CH2M
	05/10/2011	**10.1**	**10**	NA	CH2M
	06/15/2011	**10**	**10.2**	NA	CH2M
	07/06/2011	**9.6**	**10.1**	NA	CH2M
	08/17/2011	**9.2**	**10.4**	NA	CH2M
	09/13/2011	**10.6**	**10**	NA	CH2M
	10/25/2011	**10.6**	**10.6**	NA	CH2M
	11/22/2011	**9.8**	**10**	NA	CH2M
	12/13/2011	**9.1**	**10**	NA	CH2M
	02/02/2012	**9.8**	**9.0**	NA	CH2M
	05/11/2012	**10.2**	**9.7**	NA	CH2M
	07/20/2012	**10.1**	**10.7**	NA	CH2M
	10/12/2012	**12**	**12.4**	NA	CH2M
	02/18/2013	**11**	**10.3**	NA	CH2M
	05/07/2013	**13.5**	**13.4**	NA	CH2M
	07/08/2013	**16.4**	**15.9**	NA	CH2M
	10/09/2013	**14.9**	**16.6**	NA	CH2M
	04/18/2014	**13**	**14**	NA	CH2M
	07/17/2014	**17**	**15**	NA	CH2M
	10/22/2014	**16**	**17**	NA	CH2M
	01/22/2015	**14**	**15**	NA	CH2M
	04/10/2015	**12**	**11**	NA	CH2M
	04/10/2015*	**11**	**11**	NA	CH2M
	07/13/2015	**12**	**13**	NA	CH2M
	10/13/2015	**12**	**13**	NA	Arcadis
	01/07/2016	**14**	**13**	NA	Arcadis
	04/05/2016	**10**	**11**	NA	Arcadis
	07/19/2016	**11**	**11**	NA	Arcadis
	07/19/2016*	**11**	**11**	NA	Arcadis
	10/11/2016	**12**	**10**	NA	Arcadis
	01/11/2017	**12**	**12**	NA	Arcadis
	04/13/2017	**12**	**12**	NA	Arcadis
	07/13/2017	**9.5**	**11**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
IW-02	10/05/2017	**9.7**	**10**	NA	Arcadis
	01/11/2018	**11**	**11**	NA	Arcadis
	04/03/2018	**9.5**	**9.9**	NA	Arcadis
	07/12/2018	**8.1**	**8.3**	NA	Arcadis
	10/16/2018	**8.0**	**7.8**	NA	Arcadis
	02/12/2019	**8.5**	**7.7**	NA	Arcadis
	04/11/2019	**7.4**	**7.5**	NA	Arcadis
	07/11/2019	**6.7**	**7.1**	NA	Arcadis
	10/10/2019	**7.1**	**6.9**	NA	Arcadis
	10/10/2019*	**7.3**	**6.8**	NA	Arcadis
	01/10/2020	**7.9**	**8.3**	NA	Arcadis
	04/14/2020	**6.9**	**7.5**	NA	Arcadis
	04/14/2020*	**6.9**	**7.4**	NA	Arcadis
No. of Samples:	64				
IW-03	06/15/2011	**5.1**	**4.8**	NA	CH2M
	07/06/2011	**4.9**	**4.6**	NA	CH2M
	08/17/2011	**4.0**	**3.8**	NA	CH2M
	09/13/2011	**4.2**	**4.2**	NA	CH2M
	10/25/2011	**4.8**	**4.2**	NA	CH2M
	11/22/2011	**4.5**	**4.2**	NA	CH2M
	12/13/2011	**4.1**	**2.2**	NA	CH2M
	02/02/2012	**4.9**	**4.4**	NA	CH2M
	07/20/2012	**4.2**	**4.1**	NA	CH2M
	10/12/2012	**1.4**	**0.87**	NA	CH2M
	08/08/2013	**6.2**	**5.9**	NA	CH2M
	10/09/2013	**2.0**	**1.4**	NA	CH2M
	10/09/2013*	**1.7**	**1.4**	NA	CH2M
	04/18/2014	**4.7**	**5.0**	NA	CH2M
	07/17/2014	ND (1.0)	ND (0.06)	NA	CH2M
	12/11/2014	**5.1**	**6.0**	NA	CH2M
	01/22/2015	**4.9**	**5.0**	NA	CH2M
	01/22/2015*	**4.7**	**5.0**	NA	CH2M
	05/05/2015	**4.9**	**5.4**	NA	CH2M
	07/13/2015	**4.6**	**5.0**	NA	CH2M
	10/13/2015	**4.5**	**5.0**	NA	Arcadis
	01/12/2016	**5.2**	**5.2**	NA	Arcadis
	04/05/2016	**5.0**	**5.1**	NA	Arcadis
	07/19/2016	**4.4**	**4.8**	NA	Arcadis
	10/11/2016	**5.3**	**5.4**	NA	Arcadis
	01/11/2017	**5.5**	**5.4**	NA	Arcadis
	04/13/2017	**4.6**	**5.0**	NA	Arcadis
	07/13/2017	**5.0**	NA	NA	Arcadis
	10/05/2017	**4.3**	**5.0**	NA	Arcadis
	04/03/2018	**4.3**	**4.6**	NA	Arcadis
	10/16/2018	**4.3**	**4.3**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
IW-03	04/04/2019	ND (1.0)	**0.16**	NA	Arcadis
	10/10/2019	**4.3**	**4.2**	NA	Arcadis
	04/14/2020	**3.8**	**4.1**	NA	Arcadis
No. of Samples:	34				
MB-A2	07/26/2006	ND (1.0)	ND (0.2 J)	NA	CH2M
No. of Samples:	1				
MW-01	03/09/2001	**60**	NA	**61**	ALISTO
	05/24/2001	**140**	**141**	**140**	ALISTO
	10/03/2001	**230**	**180**	**220**	ALISTO
	10/03/2001*	**200**	**190**	**210**	ALISTO
	12/13/2001	**270**	**220**	**300**	ALISTO
	12/13/2001*	**270**	**250**	**250**	ALISTO
	02/14/2002	**302**	NA	**303**	CH2M
	05/15/2002	**509**	NA	**432**	CH2M
	08/15/2002	**511**	NA	**496**	CH2M
	11/11/2002	**551**	NA	563 J	CH2M
	02/18/2003	**526**	NA	**625**	CH2M
	08/18/2003	**579**	NA	**677**	CH2M
	02/18/2004	**1,290**	NA	**851**	CH2M
	08/26/2004	**888**	NA	**951**	CH2M
	02/09/2005	**971**	NA	**963**	CH2M
	08/23/2005	**1,490**	NA	**897**	CH2M
	02/21/2006	**870**	NA	**706**	CH2M
	08/09/2006	**300**	**314**	NA	CH2M
	02/21/2007	**79.4**	**87.7**	NA	CH2M
	08/22/2007	**496**	NA	**480**	CH2M
	02/19/2008	**433**	NA	**464**	CH2M
	08/12/2008	**486**	NA	**419**	CH2M
	11/04/2008	**155**	**16.9**	NA	CH2M
	12/10/2008	**105**	**1.2**	NA	Arcadis
	02/09/2009	**18.2**	**0.289**	NA	CH2M
	08/06/2009	**5.18**	ND (0.2)	NA	CH2M
	02/12/2010	**2.01**	ND (0.2)	NA	CH2M
	08/24/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/24/2010*	ND (1.0)	ND (0.2)	NA	CH2M
	01/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/29/2011	**28.9**	**25.8**	NA	CH2M
	11/09/2011	**350**	**350**	NA	CH2M
	01/19/2012	**510**	**500**	NA	CH2M
	05/02/2012	**600**	**580**	NA	CH2M
	08/07/2012	**72**	**49**	NA	CH2M
	10/16/2012	**140**	**70**	NA	CH2M
	01/16/2013	**46**	**10**	NA	CH2M
	01/16/2013*	**45**	**12**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-01	04/18/2013	**2.3**	ND (0.06)	NA	CH2M
	08/02/2013	ND (1.0)	ND (0.06 J)	NA	CH2M
	08/02/2013*	ND (1.0)	ND (0.06 J)	NA	CH2M
	10/08/2013	**1.5**	ND (0.06)	NA	CH2M
	01/13/2014	**1.6**	ND (0.06)	NA	CH2M
	04/07/2014	**250**	**250**	NA	CH2M
	07/11/2014	**610**	**550**	NA	CH2M
	10/17/2014	**710**	**660**	NA	CH2M
	10/17/2014*	**710**	**650**	NA	CH2M
	01/08/2015	**880**	**850**	NA	CH2M
	04/14/2015	**880**	**890**	NA	CH2M
	07/21/2015	**1,100**	**990**	NA	CH2M
	10/20/2015	**990**	**940**	NA	Arcadis
	10/20/2015*	**960**	**930**	NA	Arcadis
	02/05/2016	**680**	**650**	NA	Arcadis
	02/05/2016*	**710**	**650**	NA	Arcadis
	07/20/2016	**540**	**490**	NA	Arcadis
	08/11/2016	NA	**260**	NA	Arcadis
	08/11/2016*	NA	**260**	NA	Arcadis
	01/26/2017	**810**	**770**	NA	Arcadis
	04/28/2017	**920**	**930**	NA	Arcadis
	07/19/2017	**330**	**320**	NA	Arcadis
	10/26/2017	**680**	**660**	NA	Arcadis
	10/26/2017*	**640**	**650**	NA	Arcadis
	02/01/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	05/02/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	05/02/2018*	**2.0**	ND (0.2)	NA	Arcadis
	07/26/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/26/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/25/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	02/14/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	05/06/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/24/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/23/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	01/23/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	74				
MW-02	05/23/2001	2.5 J	**2.2**	ND (10)	ALISTO
	10/03/2001	2.1 J	0.9 J	ND (10)	ALISTO
	12/13/2001	3.2 J	ND (0.2)	ND (10)	ALISTO
	02/12/2002	**3.0**	**2.0**	NA	CH2M
	05/15/2002	**2.0**	**0.88**	NA	CH2M
	08/16/2002	**1.5**	**0.88**	NA	CH2M
	11/11/2002	**1.7**	**1.0**	NA	CH2M
	02/18/2003	**2.1**	**0.9**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-02	08/15/2003	**3.2**	**0.93**	NA	CH2M
	02/18/2004	**3.1**	**0.95**	NA	CH2M
	08/26/2004	**3.17**	**0.919**	NA	CH2M
	02/09/2005	**1.7**	**0.96**	NA	CH2M
	08/23/2005	**1.44**	**0.953**	NA	CH2M
	02/20/2006	**1.61**	**0.958**	NA	CH2M
	08/15/2006	ND (1.0)	**1.01**	NA	CH2M
	02/21/2007	**1.18**	**0.932**	NA	CH2M
	08/14/2007	**1.29**	**0.958**	NA	CH2M
	02/20/2008	ND (1.0)	**1.05**	NA	CH2M
	08/05/2008	ND (1.0)	**0.74**	NA	CH2M
No. of Samples:	19				
MW-03	03/08/2001	**23**	NA	**23**	ALISTO
	05/24/2001	**25**	**25**	**28**	ALISTO
	10/04/2001	**25**	**18**	**24**	ALISTO
	12/13/2001	**28**	**23**	**23**	ALISTO
	02/13/2002	**24.7**	NA	**30**	CH2M
	05/15/2002	**23.1**	**24.6**	NA	CH2M
	08/16/2002	**29.7**	**28.3**	NA	CH2M
	08/16/2002*	**30.4**	**27.5**	NA	CH2M
	11/11/2002	**20.5**	**20.2**	NA	CH2M
	02/17/2003	**17.9**	**15.5**	NA	CH2M
	08/14/2003	**15.7**	**13.9**	NA	CH2M
	02/18/2004	**15.9**	**11.5**	NA	CH2M
	08/26/2004	**31.4**	**28**	NA	CH2M
	02/09/2005	**37.7**	**36.3**	NA	CH2M
	08/23/2005	**26.9**	**32.6**	NA	CH2M
	02/17/2006	**27.5**	**28.4**	NA	CH2M
	08/10/2006	**31.9**	**35.5**	NA	CH2M
	02/21/2007	**33.3**	**34.6**	NA	CH2M
	08/15/2007	**31.1**	**32.1**	NA	CH2M
	02/19/2008	**29.7**	**32.8**	NA	CH2M
	08/05/2008	**26.6**	**27.2**	NA	CH2M
	11/07/2008	**27.8**	**28**	NA	CH2M
	02/09/2009	**27.9**	**28.4**	NA	CH2M
	05/15/2009	**28.2**	**28.4**	NA	CH2M
	08/06/2009	**24.2**	**28.1**	NA	CH2M
	11/17/2009	**27.8**	**28.4**	NA	CH2M
	02/12/2010	**25**	**22.5**	NA	CH2M
	05/11/2010	**21.4**	**24.6**	NA	CH2M
	05/11/2010*	**20.8**	**25.1**	NA	CH2M
	08/23/2010	**24.9**	**28.1**	NA	CH2M
	08/23/2010*	**25.1**	**28.7**	NA	CH2M
	10/27/2010	**22.9**	**26.6**	NA	CH2M
	10/27/2010*	**22.6**	**26.4**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-03	01/26/2011	**20.6**	**24.9**	NA	CH2M
	01/26/2011*	**20.7**	**25.3**	NA	CH2M
	04/29/2011	**24.3**	**24**	NA	CH2M
	07/29/2011	**27.8**	**28.2**	NA	CH2M
	11/07/2011	**31.2**	**31**	NA	CH2M
	01/30/2012	**40.8**	**34.5**	NA	CH2M
	04/27/2012	**39**	**40.8**	NA	CH2M
	07/20/2012	**38**	**35.5**	NA	CH2M
	10/15/2012	**28.6**	**32**	NA	CH2M
	01/18/2013	**40.6**	**41.1**	NA	CH2M
	04/16/2013	**57.8**	**59.8**	NA	CH2M
	04/16/2013*	**55.8**	**61.4**	NA	CH2M
	07/12/2013	**55.3**	**53.8**	NA	CH2M
	10/17/2013	**50.4**	**47.4**	NA	CH2M
	01/15/2014	**39**	**35.7**	NA	CH2M
	04/10/2014	**26**	**27**	NA	CH2M
	07/18/2014	**12**	**13**	NA	CH2M
	10/17/2014	**31**	**30**	NA	CH2M
	10/17/2014*	**30**	**31**	NA	CH2M
	01/07/2015	**57**	**62**	NA	CH2M
	04/15/2015	**56**	**59**	NA	CH2M
	07/15/2015	**54**	**55**	NA	CH2M
	10/21/2015	NA	**47**	NA	Arcadis
	10/21/2015*	**41**	**47**	NA	Arcadis
	02/04/2016	NA	**55**	NA	Arcadis
	05/05/2016	NA	**55**	NA	Arcadis
	05/05/2016*	NA	**56**	NA	Arcadis
	08/11/2016	**51**	**54**	NA	Arcadis
	08/11/2016*	**51**	**53**	NA	Arcadis
	11/04/2016	**48**	**46**	NA	Arcadis
	01/18/2017	**40**	**39**	NA	Arcadis
	01/27/2017	NA	**39**	NA	Arcadis
	04/28/2017	**31**	**34**	NA	Arcadis
	04/28/2017*	**31**	**33**	NA	Arcadis
	07/24/2017	26 J	**29**	NA	Arcadis
	11/06/2017	**31**	**31**	NA	Arcadis
	11/06/2017*	**31**	**32**	NA	Arcadis
	02/02/2018	21 J	**31**	NA	Arcadis
	02/02/2018*	12 J	14 J	NA	Arcadis
	05/03/2018	**29**	**28**	NA	Arcadis
	07/26/2018	**25**	**26**	NA	Arcadis
	10/25/2018	**23**	**23**	NA	Arcadis
	02/14/2019	**21**	**18**	NA	Arcadis
	05/08/2019	**16**	**18**	NA	Arcadis
	07/25/2019	**18**	**19**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-03	10/24/2019	**17**	**16**	NA	Arcadis
	01/23/2020	**16**	**18**	NA	Arcadis
	04/22/2020	**16**	**17**	NA	Arcadis
No. of Samples:	81				
MW-03A	03/12/2004	**2.5**	**0.33**	NA	CH2M
	04/27/2004	**2.0**	**0.24**	NA	CH2M
	08/30/2004	**6.71**	**0.344**	NA	CH2M
	02/09/2005	**2.95**	**0.36**	NA	CH2M
	08/23/2005	**2.24**	**2.04**	NA	CH2M
	02/17/2006	**4.04**	**0.485**	NA	CH2M
	08/10/2006	ND (1.0)	**0.526**	NA	CH2M
	02/22/2007	ND (1.0)	**0.532**	NA	CH2M
	08/15/2007	ND (1.0)	**0.529**	NA	CH2M
	02/19/2008	**1.73**	**0.537**	NA	CH2M
	02/19/2008*	**1.06**	**0.479**	NA	CH2M
	08/06/2008	ND (1.0)	**0.46**	NA	CH2M
	04/19/2013	NA	**0.66**	NA	CH2M
	07/19/2013	NA	**0.55**	NA	CH2M
	10/08/2013	NA	**0.57**	NA	CH2M
	01/13/2014	NA	**0.39**	NA	CH2M
	01/13/2014*	NA	**0.4**	NA	CH2M
	04/10/2014	NA	**0.54**	NA	CH2M
	07/18/2014	NA	**0.53**	NA	CH2M
	10/17/2014	NA	**0.62**	NA	CH2M
	01/07/2015	NA	**0.64**	NA	CH2M
	04/14/2015	NA	**0.64**	NA	CH2M
	07/15/2015	NA	**0.78**	NA	CH2M
	10/20/2015	NA	**0.84**	NA	Arcadis
	01/21/2016	NA	**2.4**	NA	Arcadis
	04/13/2016	NA	**2.6**	NA	Arcadis
	07/20/2016	**14**	**14**	NA	Arcadis
	10/31/2016	**28**	**19**	NA	Arcadis
	01/06/2017	**25**	**23**	NA	Arcadis
	03/06/2017	**26**	**24**	NA	Arcadis
	04/18/2017	**28**	**27**	NA	Arcadis
	04/18/2017*	**28**	**27**	NA	Arcadis
	07/24/2017	**28**	**31**	NA	Arcadis
	10/19/2017	22 J	**22**	NA	Arcadis
	01/22/2018	**20**	**20**	NA	Arcadis
	01/22/2018*	**21**	**20**	NA	Arcadis
	04/19/2018	**23**	**22**	NA	Arcadis
	04/19/2018*	**22**	**21**	NA	Arcadis
	09/06/2018	**29**	**29**	NA	Arcadis
No. of Samples:	39				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-04	03/09/2001	**200**	NA	**217**	ALISTO
	05/23/2001	**200**	**199**	**201**	ALISTO
	10/04/2001	**210**	**180**	**220**	ALISTO
	12/12/2001	**270**	**270**	**230**	ALISTO
	02/14/2002	**292**	NA	**248**	CH2M
	05/16/2002	**260**	NA	**245**	CH2M
	08/20/2002	**217**	NA	**202**	CH2M
	11/12/2002	**214**	NA	**206**	CH2M
	11/12/2002*	**211**	NA	**210**	CH2M
	02/19/2003	**180**	NA	**202**	CH2M
	08/14/2003	**237**	NA	**171**	CH2M
	02/19/2004	**164**	NA	**152**	CH2M
	08/26/2004	**155**	NA	**130**	CH2M
	02/09/2005	**114**	NA	**113**	CH2M
	08/16/2005	**93.1**	NA	**95.1**	CH2M
	02/14/2006	**83.3**	NA	**84.5**	CH2M
	08/08/2006	**77.9**	NA	**80.2**	CH2M
	02/21/2007	**65.5**	**74.4**	NA	CH2M
	08/22/2007	**64.1**	NA	**67.4**	CH2M
	02/14/2008	**59.1**	NA	**66.6**	CH2M
	08/12/2008	**59.4**	**61.6**	NA	CH2M
	08/11/2009	**49.3**	**54.8**	NA	CH2M
	02/10/2010	**42.7**	**45.9**	NA	CH2M
	05/13/2010	**48**	**43.9**	NA	CH2M
	05/13/2010*	**48**	**44.3**	NA	CH2M
	08/16/2010	**47.2**	**57.4**	NA	CH2M
	08/16/2010*	**46.2**	**51.8**	NA	CH2M
	11/01/2010	**39.5**	**41.2**	NA	CH2M
	01/31/2011	**41.5**	**46.6**	NA	CH2M
	07/28/2011	**45.5**	**49**	NA	CH2M
	01/30/2012	**40.2**	**41**	NA	CH2M
	07/20/2012	**38.4**	**38.5**	NA	CH2M
	07/20/2012*	**40.4**	**38.7**	NA	CH2M
	01/18/2013	**34.7**	**37.9**	NA	CH2M
	07/12/2013	**32.6**	**35.1**	NA	CH2M
	07/12/2013*	**34.9**	**35.1**	NA	CH2M
	01/15/2014	**44.5**	**41.8**	NA	CH2M
	07/16/2014	**33**	**33**	NA	CH2M
	07/16/2014*	**34**	**32**	NA	CH2M
	01/07/2015	**29**	**33**	NA	CH2M
	07/15/2015	**49**	**51**	NA	CH2M
	01/21/2016	**460**	**410**	NA	Arcadis
	07/14/2016	**410**	**390**	NA	Arcadis
	01/06/2017	**440**	**410**	NA	Arcadis
	07/24/2017	**390**	**380**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-04	10/19/2017	**290**	**300**	NA	Arcadis
	01/23/2018	**110**	**120**	NA	Arcadis
	04/19/2018	NA	**120**	NA	Arcadis
	07/17/2018	**100**	**110**	NA	Arcadis
	07/17/2018*	**110**	**110**	NA	Arcadis
	10/02/2018	NA	**130**	NA	Arcadis
	01/10/2019	**58**	**54**	NA	Arcadis
	07/11/2019	120 J	**130**	NA	Arcadis
	11/08/2019	**15**	**13**	NA	Arcadis
	01/16/2020	**13**	**14**	NA	Arcadis
	04/13/2020	**13**	**1.4**	NA	Arcadis
No. of Samples:	56				
MW-05	05/24/2001	2.5 J	**2.3**	ND (10)	ALISTO
	10/04/2001	3.9 J	**1.3**	ND (10)	ALISTO
	12/13/2001	2.8 J	0.9 J	ND (10)	ALISTO
	02/11/2002	**3.5**	**0.85**	NA	CH2M
	05/16/2002	**4.4**	**0.52**	NA	CH2M
	08/19/2002	**5.0**	**0.51**	NA	CH2M
	11/11/2002	**1.8**	**0.6**	NA	CH2M
	02/17/2003	**3.0**	**0.9**	NA	CH2M
	08/14/2003	**4.4**	**0.82**	NA	CH2M
	02/18/2004	**7.0**	**0.65**	NA	CH2M
	08/26/2004	**5.98**	**0.592**	NA	CH2M
	02/10/2005	**2.12**	**0.455**	NA	CH2M
	08/18/2005	ND (1.0)	**0.442**	NA	CH2M
	02/15/2006	**3.5**	**0.421**	NA	CH2M
	08/16/2006	ND (1.0)	**0.71**	NA	CH2M
	02/21/2007	**1.35**	**0.761**	NA	CH2M
	08/14/2007	ND (1.0)	**0.757**	NA	CH2M
	02/14/2008	ND (1.0)	**0.687**	NA	CH2M
	08/05/2008	ND (1.0)	**0.62**	NA	CH2M
	02/06/2009	ND (1.0)	**0.8**	NA	CH2M
	08/11/2009	ND (1.0)	**0.77**	NA	CH2M
	11/11/2009	**1.11**	**0.63**	NA	CH2M
	02/11/2010	ND (1.0)	**0.62**	NA	CH2M
	05/13/2010	ND (1.0)	**0.71**	NA	CH2M
	08/16/2010	ND (1.0)	**0.79**	NA	CH2M
	11/01/2010	ND (1.0)	**0.73**	NA	CH2M
	01/31/2011	**1.0**	**0.77**	NA	CH2M
	04/29/2011	**1.1**	**0.8**	NA	CH2M
	07/29/2011	ND (1.0)	**0.67**	NA	CH2M
	11/07/2011	ND (1.0)	**0.72**	NA	CH2M
	01/30/2012	ND (1.0)	**0.62**	NA	CH2M
	04/27/2012	ND (1.0)	**0.64**	NA	CH2M
	07/20/2012	ND (1.0)	**0.58**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-05	10/15/2012	ND (1.0)	**0.62**	NA	CH2M
	01/18/2013	ND (1.0)	**0.63**	NA	CH2M
	04/16/2013	ND (1.0)	**0.62**	NA	CH2M
	07/12/2013	ND (1.0)	**0.6**	NA	CH2M
	10/17/2013	ND (1.0)	**0.58**	NA	CH2M
	01/15/2014	ND (1.0)	**0.58**	NA	CH2M
	01/15/2014*	ND (1.0)	**0.58**	NA	CH2M
	04/11/2014	ND (1.0)	**0.67**	NA	CH2M
	07/25/2014	ND (1.0)	**0.58**	NA	CH2M
	10/17/2014	ND (1.0)	**0.58**	NA	CH2M
	01/07/2015	ND (1.0)	**0.66**	NA	CH2M
	04/16/2015	ND (1.0)	**0.63**	NA	CH2M
	07/15/2015	ND (1.0)	**0.64**	NA	CH2M
	10/21/2015	ND (1.0)	ND (0.75)	NA	Arcadis
	01/21/2016	ND (1.0)	**0.65**	NA	Arcadis
	04/13/2016	ND (1.0)	**0.65**	NA	Arcadis
	07/18/2016	ND (1.0)	**0.63**	NA	Arcadis
	11/01/2016	ND (1.0)	**0.62**	NA	Arcadis
	04/18/2017	ND (1.0)	**0.59**	NA	Arcadis
	10/12/2017	ND (1.0 J)	**0.57**	NA	Arcadis
	04/17/2018	**4.3**	**4.7**	NA	Arcadis
	10/02/2018	ND (1.0)	**0.83**	NA	Arcadis
	04/10/2019	**2.3**	**2.7**	NA	Arcadis
	10/21/2019	**1.6**	**1.3**	NA	Arcadis
	04/13/2020	**1.7**	**1.4**	NA	Arcadis
No. of Samples:	58				
MW-06	03/09/2001	**110**	NA	**130**	ALISTO
	05/23/2001	**100**	**102**	**100**	ALISTO
	07/05/2001	**140**	**143**	**140**	ALISTO
	08/15/2001	**180**	**175**	**170**	ALISTO
	10/05/2001	**160**	**160**	**160**	ALISTO
	10/25/2001	**150**	**150**	**160**	ALISTO
	11/20/2001	**140**	**150**	**150**	ALISTO
	12/11/2001	**140**	**130**	**140**	ALISTO
	01/23/2002	**130**	**137**	NA	CH2M
	02/14/2002	**202**	**131**	NA	CH2M
	03/28/2002	**103**	**113**	NA	CH2M
	04/16/2002	**110**	**116**	NA	CH2M
	04/16/2002*	**109**	**116**	NA	CH2M
	05/16/2002	**114**	**117**	NA	CH2M
	06/27/2002	**126**	**131**	NA	CH2M
	07/24/2002	**133**	**122**	NA	CH2M
	08/20/2002	**122**	**118**	NA	CH2M
	09/26/2002	**113**	**108**	NA	CH2M
	10/15/2002	**111**	**102**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-06	11/12/2002	**109**	**114**	NA	CH2M
	12/16/2002	**141**	**117**	NA	CH2M
	01/23/2003	**124**	**118**	NA	CH2M
	02/18/2003	**105**	**111**	NA	CH2M
	02/18/2003*	**109**	**114**	NA	CH2M
	03/26/2003	**92.6**	**102**	NA	CH2M
	04/16/2003	**93.2**	**93**	NA	CH2M
	08/14/2003	**85.6**	**86.9**	NA	CH2M
	08/14/2003*	**83.5**	**89**	NA	CH2M
	02/20/2004	**81.8**	**94.8**	NA	CH2M
	02/20/2004*	**83**	**99.8**	NA	CH2M
	08/25/2004	**104**	**89.6**	NA	CH2M
	08/25/2004*	**100**	**92.5**	NA	CH2M
	02/10/2005	**81.7**	**87.3**	NA	CH2M
	08/17/2005	**113**	NA	**114**	CH2M
	08/17/2005*	**113**	NA	**115**	CH2M
	12/07/2005	**134**	**127**	NA	CH2M
	12/07/2005*	**135**	**126**	NA	CH2M
	02/14/2006	**125**	NA	**118**	CH2M
	04/18/2006	**109**	NA	**111**	CH2M
	04/18/2006*	**109**	NA	**111**	CH2M
	06/14/2006	**139**	NA	**118**	CH2M
	06/14/2006*	**136**	NA	118 J	CH2M
	06/22/2006	**116**	148 J	NA	CH2M
	06/22/2006*	**111**	161 J	NA	CH2M
	07/27/2006	**110**	119 J	NA	CH2M
	07/27/2006*	**110**	114 J	NA	CH2M
	08/08/2006	**100**	NA	**116**	CH2M
	08/08/2006*	**103**	NA	**116**	CH2M
	10/16/2006	**126**	**125**	NA	Arcadis
	10/20/2006	**93.4**	NA	**110**	CH2M
	11/13/2006	**112**	**150**	NA	Arcadis
	12/08/2006	**110**	NA	**114**	CH2M
	12/12/2006	**120**	**153**	NA	Arcadis
	01/16/2007	**109**	71.3 J	NA	Arcadis
	01/16/2007*	**112**	72.2 J	NA	Arcadis
	02/14/2007	**97.5**	**136**	NA	Arcadis
	02/14/2007	**86.1**	**104**	NA	CH2M
	03/12/2007	**128**	**216**	NA	Arcadis
	03/12/2007*	**132**	195 J	NA	Arcadis
	04/16/2007	**154**	**127**	NA	Arcadis
	05/22/2007	**138**	**124**	NA	Arcadis
	06/11/2007	**109**	**88.1**	NA	Arcadis
	07/16/2007	**141**	**134**	NA	Arcadis
	08/09/2007	**143**	**148**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-06	09/17/2007	**117**	**116**	NA	Arcadis
	10/18/2007	**127**	**128**	NA	Arcadis
	12/05/2007	**114**	NA	**115**	CH2M
	02/15/2008	**131**	NA	**142**	CH2M
	04/10/2008	**128**	NA	**129**	CH2M
	04/10/2008*	**120**	NA	**129**	CH2M
	06/13/2008	**172**	NA	**159**	CH2M
	08/05/2008	**134**	**127**	NA	CH2M
	11/07/2008	**121**	NA	**107**	CH2M
	02/06/2009	**125**	NA	**120**	CH2M
	05/15/2009	**188**	NA	**160**	CH2M
	06/11/2009	**171**	**186**	NA	CH2M
	08/05/2009	**154**	**148**	NA	CH2M
	11/11/2009	**107**	**118**	NA	CH2M
	02/17/2010	**109**	**129**	NA	CH2M
	02/17/2010*	**110**	**127**	NA	CH2M
	05/11/2010	**98.9**	**114**	NA	CH2M
	05/11/2010*	**95.7**	**117**	NA	CH2M
	08/24/2010	**108**	**130**	NA	CH2M
	08/24/2010*	**108**	**130**	NA	CH2M
	10/27/2010	**115**	**134**	NA	CH2M
	01/26/2011	**105**	**125**	NA	CH2M
	04/29/2011	**126**	**131**	NA	CH2M
	04/29/2011*	**132**	**121**	NA	CH2M
	07/28/2011	**104**	**112**	NA	CH2M
	07/28/2011*	**106**	**112**	NA	CH2M
	11/07/2011	**57.8**	**55.2**	NA	CH2M
	01/19/2012	**48**	**47**	NA	CH2M
	05/02/2012	**55**	**55**	NA	CH2M
	05/02/2012*	**56**	**55**	NA	CH2M
	08/07/2012	**39**	**42**	NA	CH2M
	10/16/2012	**45**	**45**	NA	CH2M
	01/16/2013	**40**	**41**	NA	CH2M
	04/19/2013	**30**	**32**	NA	CH2M
	04/19/2013*	**29**	**32**	NA	CH2M
	07/19/2013	**16**	**17**	NA	CH2M
	10/08/2013	**12**	**13**	NA	CH2M
	01/13/2014	**6.5**	**6.7**	NA	CH2M
	04/11/2014	**7.3**	**7.6**	NA	CH2M
	07/18/2014	**5.1**	**5.3**	NA	CH2M
	10/17/2014	**5.4**	**5.6**	NA	CH2M
	01/07/2015	**6.2**	**7.2**	NA	CH2M
	04/16/2015	**6.1**	**6.9**	NA	CH2M
	04/16/2015*	**6.3**	**6.9**	NA	CH2M
	07/15/2015	**3.8**	**4.5**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-06	10/20/2015	**2.6**	**3.0**	NA	Arcadis
	01/21/2016	**2.8**	**2.8**	NA	Arcadis
	04/13/2016	**3.3**	**3.3**	NA	Arcadis
	07/18/2016	**2.8**	**2.9**	NA	Arcadis
	07/24/2017	**1.1**	**1.3**	NA	Arcadis
	07/24/2017*	**1.2**	**1.3**	NA	Arcadis
	07/17/2018	**3.4**	**3.3**	NA	Arcadis
	07/17/2018*	**3.2**	**3.3**	NA	Arcadis
	01/10/2019	**1.4**	**1.3**	NA	Arcadis
	07/11/2019	**1.0**	**1.1**	NA	Arcadis
No. of Samples:	119				
MW-07	03/07/2001	ND (20)	NA	ND (10)	ALISTO
	05/23/2001	2.5 J	**3.1**	ND (10)	ALISTO
	08/15/2001	1.0 J	**1.7**	ND (10)	ALISTO
	10/04/2001	**31**	**1.3**	ND (10)	ALISTO
	10/25/2001	1.6 J	**1.2**	ND (10)	ALISTO
	11/20/2001	2.2 J	**1.6**	ND (10)	ALISTO
	12/12/2001	2.5 J	1.1 J	ND (10)	ALISTO
	01/23/2002	**4.9**	**1.8**	NA	CH2M
	01/23/2002*	**5.2**	**1.8**	NA	CH2M
	02/13/2002	**3.7**	**1.7**	NA	CH2M
	03/27/2002	**11.6**	**1.8**	NA	CH2M
	04/16/2002	**6.5**	**1.7**	NA	CH2M
	05/16/2002	**4.2**	**1.7**	NA	CH2M
	06/27/2002	**3.7**	**1.7**	NA	CH2M
	07/24/2002	**17.9**	**1.6**	NA	CH2M
	08/16/2002	**5.9**	**1.6**	NA	CH2M
	09/26/2002	**13**	**1.7**	NA	CH2M
	10/14/2002	**6.3**	**1.8**	NA	CH2M
	11/11/2002	**3.0**	**1.9**	NA	CH2M
	12/16/2002	**4.4**	**2.0**	NA	CH2M
	01/23/2003	**3.4**	**2.1**	NA	CH2M
	02/17/2003	**4.9**	**2.2**	NA	CH2M
	03/26/2003	**5.5**	**2.2**	NA	CH2M
	04/16/2003	**3.2**	**2.3**	NA	CH2M
	06/25/2003	**4.0**	**2.0**	NA	CH2M
	08/12/2003	**5.4**	**1.9**	NA	CH2M
	10/28/2003	**4.9**	**2.0**	NA	CH2M
	12/01/2003	18 J	**2.0**	NA	CH2M
	04/29/2004	**3.2**	**1.9**	NA	CH2M
	06/15/2004	**3.2**	**1.9**	NA	CH2M
	08/26/2004	**5.89**	**1.76**	NA	CH2M
	10/12/2004	**2.83**	**1.81**	NA	CH2M
	12/08/2004	**1.81**	**1.73**	NA	CH2M
	02/10/2005	**2.62**	**1.7**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-07	04/14/2005	**3.15**	**1.81**	NA	CH2M
	06/09/2005	**2.93**	**1.67**	NA	CH2M
	08/18/2005	**1.56**	**1.55**	NA	CH2M
	10/11/2005	**6.45**	**1.38**	NA	CH2M
	12/07/2005	**1.59**	**1.42**	NA	CH2M
	02/15/2006	**5.9**	**1.54**	NA	CH2M
	08/15/2006	**1.35**	**1.55**	NA	CH2M
	02/21/2007	**1.54**	**1.55**	NA	CH2M
	08/22/2007	**1.52**	**1.56**	NA	CH2M
	02/15/2008	**1.37**	**1.5**	NA	CH2M
	08/12/2008	ND (1.0)	**1.5**	NA	CH2M
	08/11/2009	**1.41**	**1.5**	NA	CH2M
	02/11/2010	**1.31**	**1.15**	NA	CH2M
	08/24/2010	**1.2**	**1.4**	NA	CH2M
	01/28/2011	**1.2**	**1.2**	NA	CH2M
	01/28/2011*	**1.1**	**1.2**	NA	CH2M
	08/03/2011	**1.6**	**1.5**	NA	CH2M
	01/30/2012	**1.3**	**1.3**	NA	CH2M
	07/20/2012	**1.6**	**1.3**	NA	CH2M
	01/18/2013	**1.1**	**1.2**	NA	CH2M
	01/18/2013*	**1.2**	**1.2**	NA	CH2M
	07/17/2013	**1.7**	**1.4**	NA	CH2M
	01/14/2014	**1.5**	**1.1**	NA	CH2M
	07/18/2014	**1.3**	**1.4**	NA	CH2M
	01/07/2015	**1.3**	**1.6**	NA	CH2M
	01/07/2015*	**1.4**	**1.7**	NA	CH2M
	07/14/2015	**1.2**	**1.4**	NA	CH2M
	01/21/2016	**1.4**	**1.4**	NA	Arcadis
No. of Samples:	62				
MW-08	03/09/2001	**37**	NA	**40**	ALISTO
	05/23/2001	**26**	**28.3**	**24**	ALISTO
	10/05/2001	**40**	**39**	**37**	ALISTO
	12/11/2001	**45**	**46**	**41**	ALISTO
	02/12/2002	**37**	NA	**44**	CH2M
	05/16/2002	**30.8**	NA	**36**	CH2M
	05/16/2002*	**32.2**	NA	**39**	CH2M
	08/20/2002	**41.6**	NA	**38.7**	CH2M
	11/11/2002	**50**	NA	53.2 J	CH2M
	11/11/2002*	**50**	NA	51.1 J	CH2M
	02/17/2003	**44.6**	NA	**44.1**	CH2M
	06/25/2003	**53**	54 J	NA	CH2M
	08/14/2003	**53.9**	**57.1**	NA	CH2M
	10/28/2003	**50.4**	**51.1**	NA	CH2M
	12/01/2003	58.4 J	**57.3**	NA	CH2M
	02/18/2004	**57.1**	**70.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-08	04/27/2004	**57**	**63.6**	NA	CH2M
	06/15/2004	**53.3**	**58.4**	NA	CH2M
	08/25/2004	**55.5**	**50.6**	NA	CH2M
	10/14/2004	**46.3**	**49.1**	NA	CH2M
	12/06/2004	**58.5**	**61**	NA	CH2M
	02/11/2005	**37.7**	**36**	NA	CH2M
	04/11/2005	**38**	NA	**37.6**	CH2M
	06/06/2005	**21.8**	NA	**20.2**	CH2M
	08/18/2005	**10.4**	**11**	NA	CH2M
	10/13/2005	**11.8**	NA	ND (10)	CH2M
	12/07/2005	**22**	**20.1**	NA	CH2M
	02/15/2006	**49.9**	**52.2**	NA	CH2M
	04/20/2006	**19.9**	NA	**21.4**	CH2M
	06/13/2006	**31.1**	NA	**33.1**	CH2M
	08/10/2006	**13.8**	**16.1**	NA	CH2M
	10/17/2006	**19.6**	**26.3**	NA	Arcadis
	10/20/2006	**10.1**	**11.1**	NA	CH2M
	11/15/2006	**11.1**	**14.3**	NA	Arcadis
	11/15/2006*	**10.9**	**13**	NA	Arcadis
	12/08/2006	**60.1**	**61.7**	NA	CH2M
	12/12/2006	**54.3**	**71**	NA	Arcadis
	01/16/2007	**66.7**	88.1 J	NA	Arcadis
	01/16/2007*	**67.2**	81.4 J	NA	Arcadis
	02/21/2007	**61.8**	**65.1**	NA	CH2M
	04/19/2007	**53.8**	NA	**54.4**	CH2M
	06/19/2007	**29.2**	NA	**33.8**	CH2M
	08/22/2007	**5.82**	NA	**11.4**	CH2M
	08/22/2007*	**5.61**	NA	**10.2**	CH2M
	10/17/2007	**16.6**	**19.1**	NA	CH2M
	12/05/2007	**64.5**	**63.3**	NA	CH2M
	02/15/2008	**40.4**	NA	**45.4**	CH2M
	02/15/2008*	**41**	NA	**41.9**	CH2M
	04/11/2008	**42.3**	**47.4**	NA	CH2M
	06/13/2008	**9.24**	**9.32**	NA	CH2M
	08/05/2008	8.47 J	**8.72**	NA	CH2M
	08/11/2009	ND (1.0)	**0.73**	NA	CH2M
	02/11/2010	ND (1.0)	**0.31**	NA	CH2M
	08/24/2010	ND (1.0)	**0.3**	NA	CH2M
	01/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	01/24/2012	ND (1.0)	**0.084**	NA	CH2M
	05/02/2012	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2012	ND (1.0)	**0.2**	NA	CH2M
	11/07/2012	ND (1.0)	ND (0.2)	NA	CH2M
	02/07/2013	ND (1.0)	ND (0.2)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-08	02/07/2013*	ND (1.0)	ND (0.2)	NA	CH2M
	05/01/2013	NA	**0.12**	NA	CH2M
	08/06/2013	ND (1.0)	ND (0.1)	NA	CH2M
	11/08/2013	NA	**0.069**	NA	CH2M
	02/05/2014	ND (1.0)	ND (0.06)	NA	CH2M
	08/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	11/05/2014	NA	ND (0.06)	NA	CH2M
	02/06/2015	ND (1.0)	ND (0.06)	NA	CH2M
	05/04/2015	NA	ND (0.2)	NA	CH2M
	08/05/2015	ND (1.0)	ND (0.2)	NA	CH2M
	11/05/2015	NA	ND (0.2)	NA	Arcadis
	02/04/2016	NA	ND (0.2)	NA	Arcadis
No. of Samples:	73				
MW-09	03/08/2001	10 J	NA	NA	ALISTO
	05/23/2001	**29**	**30**	**26**	ALISTO
	07/05/2001	**11**	**10**	10 J	ALISTO
	08/15/2001	**9.3**	**9.4**	**10**	ALISTO
	10/05/2001	**32**	**24**	**23**	ALISTO
	10/05/2001*	**8.2**	**6.6**	ND (10)	ALISTO
	10/25/2001	**32**	**28**	**32**	ALISTO
	11/20/2001	**37**	**44**	**39**	ALISTO
	12/12/2001	**35**	**52**	**35**	ALISTO
	12/12/2001*	**32**	**33**	**30**	ALISTO
	01/23/2002	**23**	**24.6**	NA	CH2M
	02/14/2002	**35.7**	**34.5**	NA	CH2M
	02/14/2002*	**36.7**	**33**	NA	CH2M
	03/27/2002	**38.1**	**33.2**	NA	CH2M
	04/16/2002	**31.7**	**33**	NA	CH2M
	05/16/2002	**38.9**	**44.2**	NA	CH2M
	06/27/2002	**43.7**	**48.4**	NA	CH2M
	07/24/2002	**42.1**	**45.3**	NA	CH2M
	07/24/2002*	**45.6**	**45.2**	NA	CH2M
	08/16/2002	**29.6**	**29.3**	NA	CH2M
	09/26/2002	**30.4**	**27.1**	NA	CH2M
	10/14/2002	**32.8**	**29.1**	NA	CH2M
	11/11/2002	**41**	**39.3**	NA	CH2M
	12/16/2002	**43**	**43.5**	NA	CH2M
	01/23/2003	**44.9**	**40.7**	NA	CH2M
	01/23/2003*	**40.5**	**40**	NA	CH2M
	02/17/2003	**36.8**	**34.3**	NA	CH2M
	02/17/2003*	**36.2**	**34.4**	NA	CH2M
	03/26/2003	**30.2**	**30.4**	NA	CH2M
	03/26/2003*	**29**	**30.3**	NA	CH2M
	04/16/2003	**30.6**	**28.9**	NA	CH2M
	04/16/2003*	**31.7**	**28.2**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-09	06/25/2003	**43.8**	45.1 J	NA	CH2M
	06/25/2003*	**47.1**	**45.4**	NA	CH2M
	08/12/2003	**49.3**	**48.6**	NA	CH2M
	08/12/2003*	**51.1**	**47.8**	NA	CH2M
	10/28/2003	**43.2**	**42.9**	NA	CH2M
	10/28/2003*	**42.9**	**42.2**	NA	CH2M
	12/01/2003	54.4 J	**48.5**	NA	CH2M
	12/01/2003*	56.9 J	**47.6**	NA	CH2M
	02/20/2004	**50.2**	52 J	NA	CH2M
	02/20/2004*	**51**	47.5 J	NA	CH2M
	04/27/2004	**45.6**	**46.2**	NA	CH2M
	06/15/2004	**34.1**	**34.2**	NA	CH2M
	08/25/2004	**21.9**	**19**	NA	CH2M
	08/25/2004*	**20.6**	**18.9**	NA	CH2M
	10/14/2004	**15.6**	**15.8**	NA	CH2M
	12/07/2004	**17.6**	**15**	NA	CH2M
	02/11/2005	**14.4**	**10.7**	NA	CH2M
	02/11/2005*	**13.5**	**12.5**	NA	CH2M
	04/14/2005	**8.36**	**7.19**	NA	CH2M
	04/14/2005*	**8.57**	**7.16**	NA	CH2M
	08/18/2005	**2.2**	**2.12**	NA	CH2M
	08/18/2005*	**2.07**	**2.09**	NA	CH2M
	12/07/2005	**2.52**	**2.3**	NA	CH2M
	02/15/2006	**6.72**	**2.38**	NA	CH2M
	02/15/2006*	**6.45**	**2.37**	NA	CH2M
	08/16/2006	**1.82**	**2.14**	NA	CH2M
	02/21/2007	**2.66**	**2.22**	NA	CH2M
	08/22/2007	**1.64**	**1.72**	NA	CH2M
	02/15/2008	**1.59**	**1.77**	NA	CH2M
	08/05/2008	1.39 J	**1.51**	NA	CH2M
	03/09/2010	**1.37**	**1.47**	NA	CH2M
	08/24/2010	**1.5**	**1.6**	NA	CH2M
	08/24/2010*	**1.4**	**1.7**	NA	CH2M
	08/03/2011	**1.5**	**1.3**	NA	CH2M
	05/02/2012	**1.1**	**1.3**	NA	CH2M
	07/27/2012	**1.2**	**1.4**	NA	CH2M
	11/07/2012	**1.2**	**1.3**	NA	CH2M
	02/07/2013	NA	**1.3**	NA	CH2M
	05/01/2013	NA	**1.4**	NA	CH2M
	08/06/2013	**1.3**	**1.6**	NA	CH2M
	11/08/2013	NA	**1.7**	NA	CH2M
	11/08/2013*	NA	**1.6**	NA	CH2M
	02/05/2014	NA	**1.5**	NA	CH2M
	05/07/2014	NA	**1.4**	NA	CH2M
	08/06/2014	**1.7**	**1.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-09	11/05/2014	NA	**1.9**	NA	CH2M
	02/06/2015	NA	**1.8**	NA	CH2M
	02/06/2015*	NA	**1.8**	NA	CH2M
	05/04/2015	NA	**1.9**	NA	CH2M
	08/05/2015	**1.8**	**1.9**	NA	CH2M
	11/05/2015	NA	**1.9**	NA	Arcadis
	02/04/2016	**1.7**	**1.8**	NA	Arcadis
	05/05/2016	**7.3**	**2.0**	NA	Arcadis
	06/02/2016	**1.9**	**2.0**	NA	Arcadis
	08/02/2016	**2.1**	**2.1**	NA	Arcadis
	11/04/2016	**2.3**	**2.1**	NA	Arcadis
	04/13/2017	**1.8**	**2.0**	NA	Arcadis
	04/13/2017*	**1.8**	**2.0**	NA	Arcadis
	10/12/2017	**2.5**	**2.5**	NA	Arcadis
	04/13/2018	**1.8**	**1.9**	NA	Arcadis
	10/02/2018	**1.9**	**2.0**	NA	Arcadis
	04/10/2019	**1.5**	**1.7**	NA	Arcadis
	10/21/2019	**1.4**	**1.5**	NA	Arcadis
	04/13/2020	**1.6**	**1.6**	NA	Arcadis
No. of Samples:	96				
MW-10	03/09/2001	**48**	NA	**51**	ALISTO
	05/24/2001	**33**	**34**	**35**	ALISTO
	10/05/2001	**40**	**32**	**31**	ALISTO
	10/05/2001*	**30**	**30**	**30**	ALISTO
	12/11/2001	**37**	**34**	**34**	ALISTO
	02/14/2002	**35.8**	NA	**41**	CH2M
	05/17/2002	**32.1**	NA	**34**	CH2M
	05/17/2002*	**30.8**	NA	**38**	CH2M
	11/14/2002	**28.7**	NA	**28.1**	CH2M
	02/17/2003	**29.4**	NA	**27.9**	CH2M
	06/24/2003	**19.5**	**16.8**	NA	CH2M
	08/13/2003	**18.4**	**16.2**	NA	CH2M
	10/30/2003	**19.5**	**14.8**	NA	CH2M
	12/01/2003	23.5 J	**13.5**	NA	CH2M
	02/16/2004	**18**	**13.8**	NA	CH2M
	04/28/2004	**15.4**	**13.4**	NA	CH2M
	06/14/2004	**14.4**	**13.8**	NA	CH2M
	08/24/2004	**16.5**	**14.2**	NA	CH2M
	10/14/2004	**15.3**	**15.1**	NA	CH2M
	12/07/2004	**16.2**	NA	NA	CH2M
	02/10/2005	**14**	**12.5**	NA	CH2M
	04/11/2005	**14.3**	**12.9**	NA	CH2M
	06/06/2005	**13.6**	**12.7**	NA	CH2M
	08/17/2005	**12.8**	**12.7**	NA	CH2M
	10/13/2005	**12.4**	**12.5**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-10	12/07/2005	**15.1**	**14.1**	NA	CH2M
	02/22/2006	**16.9**	**14.2**	NA	CH2M
	08/09/2006	**13.8**	**14.8**	NA	CH2M
	10/17/2006	**16.6**	**17.4**	NA	CH2M
	12/05/2006	**17.6**	**21.2**	NA	CH2M
	02/13/2007	**17.8**	**18.7**	NA	CH2M
	08/15/2007	**19**	**19.3**	NA	CH2M
	02/13/2008	**23.3**	**24.3**	NA	CH2M
	08/05/2008	**26.9**	**27.6**	NA	CH2M
	02/05/2009	**28.7**	**31.1**	NA	CH2M
	08/10/2009	**27.7**	**31**	NA	CH2M
	02/10/2010	**23.2**	**24.9**	NA	CH2M
	08/03/2010	**26.2**	**28.8**	NA	CH2M
	01/28/2011	**28.6**	**32.1**	NA	CH2M
	08/03/2011	**39.7**	**36.6**	NA	CH2M
	12/13/2011	36.8 J	**43.8**	NA	CH2M
	12/13/2011*	46.9 J	**43.8**	NA	CH2M
	02/01/2012	**43**	**41.4**	NA	CH2M
	02/01/2012*	**42.4**	**40.9**	NA	CH2M
	04/27/2012	**43**	**40.3**	NA	CH2M
	04/27/2012*	**37.8**	**40.3**	NA	CH2M
	08/07/2012	**34**	**36**	NA	CH2M
	11/07/2012	**35**	**38**	NA	CH2M
	02/08/2013	**30**	**35**	NA	CH2M
	05/02/2013	**27**	**32**	NA	CH2M
	08/06/2013	**25**	**29**	NA	CH2M
	11/08/2013	**23**	**27**	NA	CH2M
	02/05/2014	**26**	**27**	NA	CH2M
	05/07/2014	NA	**29**	NA	CH2M
	08/06/2014	**23**	**22**	NA	CH2M
	08/06/2014*	**23**	**22**	NA	CH2M
	11/05/2014	NA	**18**	NA	CH2M
	03/02/2015	**22**	**24**	NA	CH2M
	05/04/2015	NA	**28**	NA	CH2M
	08/06/2015	**22**	**19**	NA	CH2M
	11/05/2015	NA	**20**	NA	Arcadis
	10/03/2017	**15**	**15**	NA	Arcadis
	04/13/2018	**18**	**19**	NA	Arcadis
	10/09/2018	**13**	**14**	NA	Arcadis
	01/09/2019	**9.0**	**8.7**	NA	Arcadis
	04/18/2019	**11**	**11**	NA	Arcadis
	07/25/2019	**9.1**	**9.3**	NA	Arcadis
	10/24/2019	**9.7**	**8.9**	NA	Arcadis
	02/04/2020	**5.4**	**5.7**	NA	Arcadis
	04/20/2020	**6.1**	**6.7**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	70				
MW-11A	04/14/2008	**15.5**	**4.8**	NA	Arcadis
	08/16/2010	**1.4**	ND (0.2)	NA	CH2M
	02/01/2011	ND (1.0)	ND (0.2)	NA	CH2M
	01/19/2012	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2012	ND (1.0)	ND (0.2)	NA	CH2M
	01/14/2013	**11**	**5.8**	NA	CH2M
	04/19/2013	NA	**0.62**	NA	CH2M
	07/18/2013	NA	ND (0.06)	NA	CH2M
	10/08/2013	NA	ND (0.06)	NA	CH2M
	10/08/2013*	NA	ND (0.06)	NA	CH2M
	01/13/2014	NA	ND (0.06)	NA	CH2M
	04/11/2014	NA	ND (0.11)	NA	CH2M
	07/21/2014	NA	ND (0.06)	NA	CH2M
	10/13/2014	NA	ND (0.06)	NA	CH2M
	01/07/2015	NA	ND (0.06)	NA	CH2M
	04/17/2015	NA	ND (0.2)	NA	CH2M
	07/16/2015	NA	ND (0.2)	NA	CH2M
	07/16/2015*	NA	ND (0.2)	NA	CH2M
No. of Samples:	18				
MW-11B	03/07/2001	**750**	NA	**753**	ALISTO
	03/07/2001*	**730**	NA	**738**	ALISTO
	05/22/2001	**1,400**	**1,350**	**1,310**	ALISTO
	05/22/2001*	**1,400**	**1,470**	**1,320**	ALISTO
	09/26/2001	**1,800**	**1,700**	**1,700**	ALISTO
	09/26/2001*	**1,800**	**1,600**	**1,700**	ALISTO
	12/05/2001	**1,800**	**1,600**	**1,800**	ALISTO
	12/05/2001*	**1,800**	**2,100**	**1,600**	ALISTO
	02/11/2002	**1,820**	NA	**1,840**	CH2M
	05/20/2002	**1,920**	NA	**1,950**	CH2M
	08/21/2002	**1,910**	NA	**1,900**	CH2M
	11/11/2002	**1,790**	NA	1,790 J	CH2M
	02/18/2003	**1,720**	NA	**1,900**	CH2M
	08/13/2003	**2,250**	NA	**1,780**	CH2M
	02/19/2004	**2,120**	NA	**1,890**	CH2M
	08/31/2004	**1,880**	NA	**1,780**	CH2M
	02/10/2005	**1,600**	NA	**1,740**	CH2M
	08/24/2005	**1,890**	NA	**1,760**	CH2M
	12/08/2005	**1,770**	**1,720**	NA	CH2M
	01/24/2006	**1,350**	**1,400**	NA	CH2M
	02/16/2006	**2,000**	**1,810**	NA	CH2M
	08/16/2006	**1,770**	NA	**1,630**	CH2M
	12/11/2006	**1,130**	**1,330**	NA	CH2M
	02/16/2007	**1,650**	**1,770**	NA	CH2M

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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-11B	03/07/2007	**1,730**	**1,150**	NA	Arcadis
	08/14/2007	**1,800**	**1,710**	NA	CH2M
	09/20/2007	**1,640**	**1,580**	NA	Arcadis
	02/20/2008	**1,520**	NA	**1,700**	CH2M
	03/19/2008	**1,800**	**1,490**	NA	Arcadis
	08/14/2008	**1,490**	**1,640**	NA	CH2M
	09/23/2008	**1,610**	**1,720**	NA	Arcadis
	02/06/2009	**1,580**	NA	**1,470**	CH2M
	03/30/2009	**1,580**	**1,630**	NA	Arcadis
	03/24/2010	**1,440**	**1,660**	NA	Arcadis
	05/20/2010	**1,720**	**1,710**	NA	CH2M
	08/16/2010	**1,930**	**2,170**	NA	CH2M
	11/01/2010	**1,560**	**1,660**	NA	CH2M
	01/31/2011	**1,640**	**1,690**	NA	CH2M
	07/29/2011	**1,520**	**1,700**	NA	CH2M
	02/01/2012	**1,620**	**1,600**	NA	CH2M
	05/02/2012	**1,600**	**1,600**	NA	CH2M
	08/07/2012	**1,500**	**1,600**	NA	CH2M
	01/22/2013	**1,440**	**1,510**	NA	CH2M
	04/19/2013	NA	**1,500**	NA	CH2M
	07/18/2013	NA	**1,500**	NA	CH2M
	07/18/2013*	NA	**1,500**	NA	CH2M
	10/08/2013	NA	**1,500**	NA	CH2M
	01/13/2014	**1,500**	**1,400**	NA	CH2M
	04/11/2014	NA	**1,500**	NA	CH2M
	07/21/2014	**1,400**	**1,400**	NA	CH2M
	10/13/2014	NA	**1,100**	NA	CH2M
	01/07/2015	**1,100**	**1,200**	NA	CH2M
	01/07/2015*	**1,100**	**1,200**	NA	CH2M
	04/17/2015	NA	**870**	NA	CH2M
	07/15/2015	**1,400**	**1,300**	NA	CH2M
	10/23/2015	NA	**75**	NA	Arcadis
	01/20/2016	NA	**35**	NA	Arcadis
	04/06/2016	NA	**34**	NA	Arcadis
	07/18/2016	**40**	**39**	NA	Arcadis
	10/21/2016	**160**	**150**	NA	Arcadis
	01/05/2017	**44**	**43**	NA	Arcadis
	04/18/2017	**87**	**85**	NA	Arcadis
	07/21/2017	**51**	**56**	NA	Arcadis
	10/16/2017	**21**	**22**	NA	Arcadis
	10/16/2017*	**22**	**22**	NA	Arcadis
	01/23/2018	**11**	**8.4**	NA	Arcadis
	04/19/2018	**15**	**16**	NA	Arcadis
	07/17/2018	**5.1**	**2.0**	NA	Arcadis
	10/02/2018	**5.7**	**3.6**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-11B	01/14/2019	**8.1**	**5.4**	NA	Arcadis
	04/12/2019	**4.5**	**4.0**	NA	Arcadis
	07/11/2019	**4.0**	**0.86**	NA	Arcadis
	11/08/2019	**59**	**59**	NA	Arcadis
	01/16/2020	**23**	**15**	NA	Arcadis
	01/16/2020*	**21**	**13**	NA	Arcadis
	04/13/2020	**1.1**	**0.25**	NA	Arcadis
	04/13/2020*	**1.1**	**0.23**	NA	Arcadis
No. of Samples:	77				
MW-11C	03/09/2001	ND (20)	NA	NA	ALISTO
	05/24/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	09/27/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/07/2001	2.0 J	ND (0.2)	ND (10)	ALISTO
	02/12/2002	ND (1.0)	ND (0.2)	NA	CH2M
	05/23/2002	**1.5**	ND (0.2)	NA	CH2M
	08/21/2002	ND (1.0)	ND (0.2)	NA	CH2M
	11/11/2002	ND (1.0)	ND (0.2)	NA	CH2M
	02/17/2003	**1.2**	ND (0.2)	NA	CH2M
	02/17/2003*	ND (1.0)	ND (0.2)	NA	CH2M
	08/13/2003	ND (1.0)	ND (0.2)	NA	CH2M
	02/20/2004	**1.8**	ND (0.2)	NA	CH2M
	08/30/2004	**1.5**	ND (0.2)	NA	CH2M
	02/11/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/16/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/20/2007	ND (1.0)	ND (0.2)	NA	CH2M
	06/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	02/01/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/21/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/21/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/21/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/02/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/22/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	27				
MW-12A	03/08/2001	**22**	NA	NA	ALISTO
	05/23/2001	**170**	**166**	**170**	ALISTO
	10/05/2001	**29**	**25**	**29**	ALISTO
	12/12/2001	**31**	**37**	**30**	ALISTO
	02/13/2002	**35.3**	**37.9**	NA	CH2M
	05/16/2002	**25.9**	**27.1**	NA	CH2M
	08/16/2002	**26**	**23.8**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-12A	08/16/2002*	**26.1**	**24.1**	NA	CH2M
	11/11/2002	**24.6**	**22.5**	NA	CH2M
	02/17/2003	**97.3**	**101**	NA	CH2M
	08/15/2003	**25.7**	**21.2**	NA	CH2M
	02/19/2004	**30.3**	**25.1**	NA	CH2M
	08/25/2004	**17.6**	**18**	NA	CH2M
	02/10/2005	**14.7**	**13.8**	NA	CH2M
	08/23/2005	**10.3**	**12**	NA	CH2M
	02/15/2006	**20.4**	**17.7**	NA	CH2M
	08/15/2006	**9.34**	**10.3**	NA	CH2M
	02/21/2007	**7.83**	**8.25**	NA	CH2M
	08/20/2007	**11.5**	**12.7**	NA	CH2M
	02/15/2008	**5.06**	**5.65**	NA	CH2M
	08/05/2008	**6.39**	**6.78**	NA	CH2M
	08/05/2008*	**6.44**	**6.64**	NA	CH2M
	02/09/2009	**5.6**	**6.15**	NA	CH2M
	08/06/2009	**7.17**	**7.93**	NA	CH2M
	08/06/2009*	**8.11**	**7.74**	NA	CH2M
	02/17/2010	ND (1.0)	**0.62**	NA	CH2M
	08/24/2010	ND (1.0)	**0.72**	NA	CH2M
	01/28/2011	ND (1.0)	**0.38**	NA	CH2M
	07/28/2011	ND (1.0)	**0.28**	NA	CH2M
	01/27/2012	ND (1.0)	**0.1**	NA	CH2M
	05/02/2012	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2012	ND (1.0)	**0.21**	NA	CH2M
	11/07/2012	ND (1.0)	ND (0.2)	NA	CH2M
	02/07/2013	ND (1.0)	ND (0.2)	NA	CH2M
	05/01/2013	NA	**0.093**	NA	CH2M
	08/06/2013	ND (1.0)	ND (0.079)	NA	CH2M
	11/08/2013	NA	**0.09**	NA	CH2M
	02/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	02/06/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	08/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	11/05/2014	NA	**0.21**	NA	CH2M
	02/06/2015	ND (1.0)	ND (0.06)	NA	CH2M
	05/04/2015	NA	ND (0.2)	NA	CH2M
	08/05/2015	ND (1.0)	ND (0.2)	NA	CH2M
	11/05/2015	NA	ND (0.2)	NA	Arcadis
	02/04/2016	NA	ND (0.2)	NA	Arcadis
No. of Samples:	46				
MW-12B	07/29/2011	**46.9**	**47.6**	NA	CH2M
	07/29/2011*	**46.4**	**47**	NA	CH2M
	05/02/2012	**37**	**38**	NA	CH2M
	08/07/2012	**31**	**27**	NA	CH2M
	11/07/2012	**30**	**32**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-12B	02/07/2013	NA	**35**	NA	CH2M
	05/01/2013	NA	**33**	NA	CH2M
	08/06/2013	**29**	**32**	NA	CH2M
	11/08/2013	NA	**26**	NA	CH2M
	02/05/2014	NA	**20**	NA	CH2M
	05/07/2014	NA	**15**	NA	CH2M
	08/06/2014	**13**	**12**	NA	CH2M
	11/05/2014	NA	**10**	NA	CH2M
	02/06/2015	NA	**8.7**	NA	CH2M
	05/04/2015	NA	**10**	NA	CH2M
	08/05/2015	**12**	**10**	NA	CH2M
	11/05/2015	NA	**11**	NA	Arcadis
	02/04/2016	NA	**13**	NA	Arcadis
	07/18/2016	**12**	**12**	NA	Arcadis
	07/21/2017	**13**	**14**	NA	Arcadis
	10/19/2017	NA	**11**	NA	Arcadis
	03/06/2018	NA	**5.6**	NA	Arcadis
	07/17/2018	**8.3**	**5.8**	NA	Arcadis
	07/17/2019	**4.8**	**4.7**	NA	Arcadis
No. of Samples:	24				
MW-13	03/08/2001	ND (20)	NA	NA	ALISTO
	05/23/2001	**6.0**	**6.9**	ND (10)	ALISTO
	10/05/2001	**5.9**	**5.9**	ND (10)	ALISTO
	12/12/2001	**12**	**12**	ND (10)	ALISTO
	02/14/2002	**13.8**	**7.7**	NA	CH2M
	05/16/2002	**10.2**	**7.9**	NA	CH2M
	08/16/2002	**11.9**	**8.6**	NA	CH2M
	11/11/2002	**12.9**	**11.9**	NA	CH2M
	02/17/2003	**13.4**	**11.2**	NA	CH2M
	08/14/2003	**15.7**	**13.9**	NA	CH2M
	02/20/2004	**17.1**	**12.8**	NA	CH2M
	02/20/2004*	**17.9**	**12.8**	NA	CH2M
	08/25/2004	**7.84**	**7.19**	NA	CH2M
	08/25/2004*	**9.42**	**7.17**	NA	CH2M
	02/10/2005	**10.2**	**8.39**	NA	CH2M
	08/23/2005	**9.89**	**11.7**	NA	CH2M
	08/23/2005*	**9.93**	**11.7**	NA	CH2M
	02/15/2006	**75.9**	**87**	NA	CH2M
	02/15/2006*	**79.3**	**80.8**	NA	CH2M
	08/08/2006	**12.7**	NA	**15.3**	CH2M
	02/21/2007	**10.8**	**11**	NA	CH2M
	08/22/2007	**13.3**	**13.8**	NA	CH2M
	02/15/2008	**9.37**	**10.3**	NA	CH2M
	08/05/2008	**9.15**	**9.62**	NA	CH2M
	02/09/2009	**18.2**	**19.9**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-13	08/11/2009	**32.9**	**35.4**	NA	CH2M
	11/11/2009	**12.5**	**11.8**	NA	CH2M
	11/11/2009*	**11.2**	**11.7**	NA	CH2M
	02/11/2010	**20.8**	**21**	NA	CH2M
	05/11/2010	**66.2**	**77**	NA	CH2M
	05/11/2010*	**65.5**	**77.5**	NA	CH2M
	06/23/2010	**54.9**	**57.8**	NA	CH2M
	08/24/2010	**27.5**	**32.2**	NA	CH2M
	08/24/2010*	**27.2**	**32.3**	NA	CH2M
	10/26/2010	**29**	**30.8**	NA	CH2M
	10/26/2010*	**30.3**	**30.3**	NA	CH2M
	01/25/2011	**35**	**39.3**	NA	CH2M
	01/25/2011*	**36.5**	**38.8**	NA	CH2M
	04/29/2011	**54**	**51.9**	NA	CH2M
	07/28/2011	**32.6**	**34.9**	NA	CH2M
	11/07/2011	**33**	**26.7**	NA	CH2M
	11/07/2011*	**32.2**	**30.9**	NA	CH2M
	01/27/2012	**50.8**	**49.7**	NA	CH2M
	05/02/2012	**43**	**41**	NA	CH2M
	07/27/2012	**82**	**83**	NA	CH2M
	11/07/2012	**67**	**72**	NA	CH2M
	02/07/2013	**96**	**110**	NA	CH2M
	05/01/2013	**72**	**72**	NA	CH2M
	05/01/2013*	**73**	**70**	NA	CH2M
	08/06/2013	**34**	**39**	NA	CH2M
	11/08/2013	**30**	**36**	NA	CH2M
	02/06/2014	**29**	**30**	NA	CH2M
	05/07/2014	**25**	**27**	NA	CH2M
	08/06/2014	**23**	**22**	NA	CH2M
	11/05/2014	**20**	**21**	NA	CH2M
	11/05/2014*	**20**	**21**	NA	CH2M
	02/06/2015	**34**	**38**	NA	CH2M
	05/04/2015	**52**	**57**	NA	CH2M
	08/05/2015	**21**	**18**	NA	CH2M
	11/05/2015	**15**	**17**	NA	Arcadis
	11/05/2015*	**16**	**17**	NA	Arcadis
	02/04/2016	**24**	**25**	NA	Arcadis
	02/04/2016*	**25**	**26**	NA	Arcadis
	07/18/2016	**8.9**	**9.2**	NA	Arcadis
	07/21/2017	**2.7**	**2.6**	NA	Arcadis
	07/18/2018	**2.1**	**2.3**	NA	Arcadis
	07/17/2019	**1.3**	**1.6**	NA	Arcadis
No. of Samples:	67				
MW-14A	03/09/2001	15 J	NA	**20**	ALISTO
	05/23/2001	**17**	**18**	**20**	ALISTO

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-14A	08/15/2001	**41**	**41.7**	**42**	ALISTO
	10/03/2001	**19**	**15**	**14**	ALISTO
	10/03/2001*	**26**	**26**	**24**	ALISTO
	10/25/2001	**18**	**16**	**17**	ALISTO
	11/20/2001	**18**	**21**	**17**	ALISTO
	12/11/2001	**26**	**16**	**18**	ALISTO
	12/11/2001*	**22**	**13**	**18**	ALISTO
	01/23/2002	**17.5**	**17.5**	NA	CH2M
	02/11/2002	**18.3**	**18**	NA	CH2M
	03/26/2002	**22.7**	**17.3**	NA	CH2M
	03/26/2002*	**24.6**	**17.2**	NA	CH2M
	04/16/2002	**20.9**	**17.3**	NA	CH2M
	05/17/2002	**16.7**	**15.8**	NA	CH2M
	06/27/2002	**19.6**	**19.9**	NA	CH2M
	07/25/2002	**21.9**	**18.8**	NA	CH2M
	08/16/2002	**23.7**	**18.6**	NA	CH2M
	09/26/2002	**24.7**	**21.4**	NA	CH2M
	10/14/2002	**25.4**	**2.1**	NA	CH2M
	11/12/2002	**24.5**	**23**	NA	CH2M
	12/16/2002	**22.9**	**21.4**	NA	CH2M
	01/23/2003	**21.3**	**2.0**	NA	CH2M
	02/18/2003	**21.6**	**20.6**	NA	CH2M
	03/26/2003	**21.2**	**22.4**	NA	CH2M
	04/16/2003	**22.1**	**20.5**	NA	CH2M
	08/14/2003	**23**	**21.4**	NA	CH2M
	02/19/2004	**26.6**	**21.4**	NA	CH2M
	04/27/2004	**23.3**	**22.4**	NA	CH2M
	06/15/2004	**22.2**	**22.7**	NA	CH2M
	08/25/2004	**22.7**	**21**	NA	CH2M
	10/14/2004	**22.6**	**22**	NA	CH2M
	12/08/2004	**24.1**	**22.8**	NA	CH2M
	02/11/2005	**26.5**	**22**	NA	CH2M
	04/14/2005	**22.5**	**22.6**	NA	CH2M
	06/06/2005	**24.3**	**22.5**	NA	CH2M
	08/24/2005	**31.4**	**23.6**	NA	CH2M
	10/13/2005	**23.2**	**23.2**	NA	CH2M
	12/07/2005	**22.5**	**22.9**	NA	CH2M
	02/15/2006	**23.9**	**22.1**	NA	CH2M
	04/18/2006	**27.3**	**22.6**	NA	CH2M
	06/13/2006	**21.8**	**22.5**	NA	CH2M
	08/11/2006	**22.2**	**26**	NA	CH2M
	08/11/2006*	**21.1**	**25.7**	NA	CH2M
	10/20/2006	**33.3**	**35**	NA	CH2M
	10/20/2006*	**30.6**	**35.1**	NA	CH2M
	12/08/2006	**38.2**	NA	**38.1**	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-14A	12/08/2006*	**36.9**	NA	**39.3**	CH2M
	02/16/2007	**25.7**	**28**	NA	CH2M
	02/16/2007*	**26.6**	**27.8**	NA	CH2M
	04/19/2007	**25.9**	NA	**30.1**	CH2M
	04/19/2007*	**27.4**	NA	**28.9**	CH2M
	06/21/2007	**26.7**	NA	**31.4**	CH2M
	08/14/2007	**28.3**	**28.2**	NA	CH2M
	08/14/2007*	**27.6**	**28.3**	NA	CH2M
	10/17/2007	**25**	**29.2**	NA	CH2M
	10/17/2007*	**25**	**29.4**	NA	CH2M
	12/04/2007	**26.7**	**27.9**	NA	CH2M
	12/04/2007*	**26.8**	**27.9**	NA	CH2M
	02/15/2008	**22.9**	**26.4**	NA	CH2M
	02/15/2008*	**23.2**	**26.4**	NA	CH2M
	04/11/2008	**22.6**	**26**	NA	CH2M
	06/13/2008	**25.8**	**24.9**	NA	CH2M
	08/05/2008	**23.4**	**24.7**	NA	CH2M
	02/09/2009	**24.9**	**27.6**	NA	CH2M
	08/11/2009	**23.8**	**25.2**	NA	CH2M
	02/11/2010	**55.2**	**59.3**	NA	CH2M
	03/09/2010	**29**	**30.3**	NA	CH2M
	08/20/2010	**49**	**55.2**	NA	CH2M
	10/05/2010	**52**	**57.6**	NA	CH2M
	01/28/2011	**44.2**	**45.9**	NA	CH2M
	07/29/2011	**26.4**	**30.6**	NA	CH2M
	02/01/2012	**15.9**	**13.5**	NA	CH2M
	02/01/2012*	**14.8**	**13.6**	NA	CH2M
	04/13/2012	**11.6**	**11.6**	NA	CH2M
	07/27/2012	**9.2**	**9.5**	NA	CH2M
	11/07/2012	**7.9**	**8.5**	NA	CH2M
	02/07/2013	**7.1**	**8.3**	NA	CH2M
	05/01/2013	NA	**8.0**	NA	CH2M
	08/06/2013	**5.9**	**6.5**	NA	CH2M
	08/06/2013*	**5.9**	**6.5**	NA	CH2M
	11/08/2013	NA	**5.5**	NA	CH2M
	02/05/2014	**5.1**	**5.6**	NA	CH2M
	05/07/2014	**4.7**	**5.1**	NA	CH2M
	08/06/2014	**4.4**	**4.5**	NA	CH2M
	11/05/2014	**3.7**	**3.9**	NA	CH2M
	02/06/2015	**3.2**	**3.6**	NA	CH2M
	05/04/2015	**2.7**	**3.2**	NA	CH2M
	05/04/2015*	**2.9**	**3.3**	NA	CH2M
	08/05/2015	**3.2**	**3.1**	NA	CH2M
	11/05/2015	**2.2**	**2.3**	NA	Arcadis
	02/04/2016	**3.0**	**3.2**	NA	Arcadis

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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-14A	04/13/2016	**2.7**	**2.9**	NA	Arcadis
	07/19/2016	**2.5**	**2.7**	NA	Arcadis
	01/05/2017	**2.7**	**2.9**	NA	Arcadis
	07/21/2017	**1.7**	**1.9**	NA	Arcadis
	01/16/2018	**2.4**	**2.6**	NA	Arcadis
	08/07/2018	**1.5**	**1.8**	NA	Arcadis
	02/14/2019	**1.9**	**1.9**	NA	Arcadis
	08/05/2019	**1.5**	**1.6**	NA	Arcadis
	08/05/2019*	**1.5**	**1.6**	NA	Arcadis
	02/03/2020	**1.9**	**1.9**	NA	Arcadis
No. of Samples:	102				
MW-14B	03/09/2001	17 J	NA	NA	ALISTO
	05/23/2001	**26**	**26.2**	**20**	ALISTO
	10/03/2001	**26**	**24**	**23**	ALISTO
	12/11/2001	**20**	**14**	**18**	ALISTO
	02/12/2002	**17.4**	**17.7**	NA	CH2M
	02/12/2002*	**17.4**	**16.9**	NA	CH2M
	05/17/2002	**21.4**	**23**	NA	CH2M
	11/14/2002	**18.5**	**17.1**	NA	CH2M
	02/18/2003	**16.2**	**14.4**	NA	CH2M
	06/25/2003	**18.2**	**14.8**	NA	CH2M
	08/14/2003	**18.3**	**15.7**	NA	CH2M
	10/28/2003	**18**	**15.1**	NA	CH2M
	12/01/2003	27.6 J	**14.8**	NA	CH2M
	02/19/2004	**22.8**	**15.3**	NA	CH2M
	08/25/2004	**17.7**	**15.3**	NA	CH2M
	02/11/2005	**18.5**	**15.8**	NA	CH2M
	08/24/2005	**30.5**	**35.6**	NA	CH2M
	02/15/2006	**16.6**	**15.5**	NA	CH2M
	08/11/2006	**35.9**	**42.1**	NA	CH2M
	02/16/2007	**12.7**	**12.8**	NA	CH2M
	08/14/2007	**38.8**	**39.5**	NA	CH2M
	02/15/2008	**30**	**35.5**	NA	CH2M
	08/05/2008	**36.1**	**36.5**	NA	CH2M
	08/11/2009	**35.9**	**40.2**	NA	CH2M
	08/20/2010	**38.6**	**42.4**	NA	CH2M
	07/29/2011	**43.9**	**46.2**	NA	CH2M
	12/12/2011	**25.7**	**27.2**	NA	CH2M
	02/01/2012	**26**	**25.1**	NA	CH2M
	04/13/2012	**39.4**	**37.8**	NA	CH2M
	07/18/2012	**33.3**	**34.3**	NA	CH2M
	10/15/2012	**33.6**	**37.3**	NA	CH2M
	10/15/2012*	**32.1**	**37.2**	NA	CH2M
	01/21/2013	**33.6**	**35**	NA	CH2M
	04/16/2013	**28.8**	**30.2**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-14B	07/12/2013	**19.2**	**19.1**	NA	CH2M
	07/12/2013*	**18.8**	**18.8**	NA	CH2M
	10/17/2013	**32.7**	**35.8**	NA	CH2M
	01/15/2014	**33.6**	**31.1**	NA	CH2M
	07/18/2014	**32**	**35**	NA	CH2M
	01/07/2015	**18**	**20**	NA	CH2M
	07/16/2015	**34**	**35**	NA	CH2M
	10/19/2015	**27**	**29**	NA	Arcadis
	01/18/2016	**31**	**30**	NA	Arcadis
	07/19/2016	**34**	**34**	NA	Arcadis
	01/05/2017	**26**	**27**	NA	Arcadis
	07/21/2017	**28**	**32**	NA	Arcadis
	10/12/2017	**29**	**30**	NA	Arcadis
	04/13/2018	**28**	**27**	NA	Arcadis
	10/16/2018	**31**	**30**	NA	Arcadis
	04/10/2019	**25**	**22**	NA	Arcadis
	10/22/2019	**24**	**23**	NA	Arcadis
	04/17/2020	**26**	**24**	NA	Arcadis
No. of Samples:	52				
MW-14C	03/07/2001	ND (20)	NA	NA	ALISTO
	05/24/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	09/28/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/11/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	02/12/2002	**1.1**	ND (0.2)	NA	CH2M
	05/23/2002	ND (1.0)	ND (0.2)	NA	CH2M
	05/23/2002*	**1.3**	ND (0.2)	NA	CH2M
	08/21/2002	**1.8**	ND (0.2)	NA	CH2M
	11/12/2002	**1.2**	ND (0.2)	NA	CH2M
	02/18/2003	ND (1.0)	ND (0.2)	NA	CH2M
	08/19/2003	**1.4**	ND (0.2)	NA	CH2M
	02/20/2004	**2.9**	ND (0.2 J)	NA	CH2M
	08/25/2004	**1.33**	ND (0.2)	NA	CH2M
	02/11/2005	**1.2**	ND (0.2)	NA	CH2M
	08/24/2005	**2.14**	ND (0.2)	NA	CH2M
	02/22/2006	**2.74**	ND (0.2)	NA	CH2M
	02/16/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/20/2007	**1.64**	ND (0.2)	NA	CH2M
	08/14/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/11/2009*	ND (1.0)	ND (0.2)	NA	CH2M
	02/17/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/20/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	06/29/2011	ND (1.0)	ND (0.2)	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-14C	07/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/20/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/28/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2015	ND (1.0)	**0.095**	NA	CH2M
	07/16/2015*	ND (1.0)	**0.065**	NA	CH2M
	10/31/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/22/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	40				
MW-14S	12/12/2011	**31.4**	**31.4**	NA	CH2M
	02/01/2012	**31.5**	**30**	NA	CH2M
	04/13/2012	**30.9**	**31.4**	NA	CH2M
	07/27/2012	**30**	**31**	NA	CH2M
	11/07/2012	**30**	**32**	NA	CH2M
	02/07/2013	**26**	**30**	NA	CH2M
	05/01/2013	**30**	**30**	NA	CH2M
	08/06/2013	**29**	**31**	NA	CH2M
	11/08/2013	**27**	**30**	NA	CH2M
	02/05/2014	**28**	**29**	NA	CH2M
	05/07/2014	**27**	**30**	NA	CH2M
	08/06/2014	**29**	**29**	NA	CH2M
	10/17/2014	**28**	**29**	NA	CH2M
	01/07/2015	**26**	**29**	NA	CH2M
	05/04/2015	**26**	**29**	NA	CH2M
	07/16/2015	**28**	**29**	NA	CH2M
	10/21/2015	**24**	**26**	NA	Arcadis
	01/18/2016	**34**	**30**	NA	Arcadis
No. of Samples:	18				
MW-15	03/07/2001	**1,400**	NA	**1,510**	ALISTO
	03/07/2001*	**1,400**	NA	**1,330**	ALISTO
	05/22/2001	**1,200**	**1,290**	**1,130**	ALISTO
	05/22/2001*	**1,200**	**1,270**	**1,160**	ALISTO
	09/26/2001	**1,500**	NA	**1,400**	ALISTO
	09/26/2001*	**1,500**	NA	**1,400**	ALISTO
	12/05/2001	**1,600**	NA	**1,500**	ALISTO
	12/05/2001*	**1,600**	NA	**1,400**	ALISTO
	08/12/2003	**1,520**	NA	**1,690**	CH2M
	02/04/2004	**1,700**	NA	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-15	02/17/2004	**1,720**	NA	**1,690**	CH2M
	08/31/2004	**2,090**	NA	**2,000**	CH2M
	12/06/2004	**1,770**	**1,830**	NA	CH2M
	02/09/2005	**1,660**	NA	**1,700**	CH2M
	04/12/2005	**820**	**873**	NA	CH2M
	05/04/2005	**900**	**884**	NA	CH2M
	05/25/2005	**469**	**450**	NA	CH2M
	08/19/2005	**2.64**	NA	NA	CH2M
	02/21/2006	**2.17**	ND (0.2)	NA	CH2M
	08/17/2006	**2.3**	ND (0.2)	NA	CH2M
	08/17/2006*	**1.29**	ND (0.2)	NA	CH2M
	02/23/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/23/2007*	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2007*	ND (1.0)	ND (0.2)	NA	CH2M
	02/19/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2008	**9.63**	**1.28**	NA	CH2M
	02/09/2009	**6.78**	**0.75**	NA	CH2M
	03/30/2009	**14.3**	**4.2**	NA	Arcadis
	08/06/2009	**14.3**	**3.72**	NA	CH2M
	02/12/2010	**160**	**144**	NA	CH2M
	02/12/2010*	**154**	**143**	NA	CH2M
	08/23/2010	**191**	**194**	NA	CH2M
	01/28/2011	**330**	**350**	NA	CH2M
	01/27/2012	**442**	**414**	NA	CH2M
	07/26/2012	**136**	**130**	NA	CH2M
	01/21/2013	**1,060**	**1,060**	NA	CH2M
	01/21/2013*	**1,010**	**1,060**	NA	CH2M
	07/12/2013	**910**	**875**	NA	CH2M
	01/15/2014	**1,450**	**1,390**	NA	CH2M
	01/15/2014*	**1,490**	**1,420**	NA	CH2M
	07/08/2014	**1,800**	**1,700**	NA	CH2M
	01/21/2015	**2,100**	**1,800**	NA	CH2M
	07/16/2015	**1,500**	**1,500**	NA	CH2M
	04/28/2017	NA	**1,100**	NA	Arcadis
	07/20/2017	**680**	**660**	NA	Arcadis
	07/20/2017*	**640**	**660**	NA	Arcadis
	10/27/2017	**430**	**450**	NA	Arcadis
	10/27/2017*	**430**	**450**	NA	Arcadis
	02/02/2018	**1,100**	**1,100**	NA	Arcadis
	05/03/2018	**1,100**	**990**	NA	Arcadis
	07/26/2018	**1,400**	**1,400**	NA	Arcadis
	07/26/2018*	**1,300**	**1,300**	NA	Arcadis
	10/25/2018	**970**	**920**	NA	Arcadis
	02/14/2019	**610**	**610**	NA	Arcadis

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-15	05/08/2019	**480**	**440**	NA	Arcadis
	07/25/2019	**220**	**230**	NA	Arcadis
	10/24/2019	**340**	**290**	NA	Arcadis
	01/23/2020	**160**	**160**	NA	Arcadis
	04/22/2020	**140**	**120**	NA	Arcadis
No. of Samples:	60				
MW-16	03/09/2001	**160**	NA	NA	ALISTO
	05/24/2001	**160**	**163**	**160**	ALISTO
	09/26/2001	**150**	NA	NA	ALISTO
	12/05/2001	**140**	NA	NA	ALISTO
	02/13/2002	**131**	NA	**146**	CH2M
	05/22/2002	**154**	NA	**142**	CH2M
	08/21/2002	**132**	NA	**136**	CH2M
	11/12/2002	**139**	NA	**128**	CH2M
	02/18/2003	**117**	NA	**126**	CH2M
	08/14/2003	**111**	NA	**100**	CH2M
	02/18/2004	**97.3**	NA	**97.1**	CH2M
	08/30/2004	**81**	NA	**86.4**	CH2M
	02/10/2005	**71.4**	NA	**75.1**	CH2M
	08/19/2005	**62.3**	NA	**63**	CH2M
	02/20/2006	**58.8**	NA	**60.3**	CH2M
	08/16/2006	**60.4**	NA	**56.1**	CH2M
	02/21/2007	**54.2**	**51.9**	NA	CH2M
	02/21/2007*	**59**	**59.5**	NA	CH2M
	08/22/2007	**49**	**51.6**	NA	CH2M
	02/15/2008	**43.7**	NA	**46.6**	CH2M
	08/13/2008	**42.5**	**44.4**	NA	CH2M
	03/31/2009	**36.9**	**39.3**	NA	Arcadis
	08/12/2009	**37.1**	**40.4**	NA	CH2M
	11/11/2009	**35**	**34**	NA	CH2M
	02/10/2010	**32.7**	**37.5**	NA	CH2M
	03/23/2010	**33.3**	**38**	NA	Arcadis
	05/20/2010	**40.8**	**42**	NA	CH2M
	06/23/2010	**41.6**	**43.6**	NA	CH2M
	08/16/2010	**38.2**	**44.8**	NA	CH2M
	11/01/2010	**29.2**	**32.7**	NA	CH2M
	11/01/2010*	**31.3**	**32.1**	NA	CH2M
	01/31/2011	**34.5**	**36.1**	NA	CH2M
	04/27/2011	**30**	**30**	NA	CH2M
	07/26/2011	**17**	**17**	NA	CH2M
	11/07/2011	**26.6**	**25.6**	NA	CH2M
	11/07/2011*	**24.8**	**25.7**	NA	CH2M
	01/19/2012	**21**	**21**	NA	CH2M
	05/02/2012	**25**	**26**	NA	CH2M
	08/02/2012	**30**	**32**	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-16	10/16/2012	21 J	**21**	NA	CH2M
	01/16/2013	**34**	**35**	NA	CH2M
	04/18/2013	**16**	**20**	NA	CH2M
	07/18/2013	**19**	**19**	NA	CH2M
	10/03/2013	NA	**13**	NA	CH2M
	12/09/2013	**4.4**	NA	NA	CH2M
	01/14/2014	**2.7**	**2.8**	NA	CH2M
	01/14/2014*	**2.7**	**2.7**	NA	CH2M
	04/11/2014	**11**	**12**	NA	CH2M
	07/21/2014	**8.7**	**9.8**	NA	CH2M
	10/13/2014	**6.0**	**6.1**	NA	CH2M
	01/07/2015	**5.1**	**5.8**	NA	CH2M
	04/14/2015	**7.6**	**8.6**	NA	CH2M
	07/21/2015	**4.5**	**4.8**	NA	CH2M
	07/21/2015*	**4.4**	**4.8**	NA	CH2M
	10/23/2015	**5.0**	**5.7**	NA	Arcadis
	01/18/2016	**7.3**	**7.1**	NA	Arcadis
	04/20/2016	**9.3**	**9.5**	NA	Arcadis
	07/20/2016	**6.9**	**6.6**	NA	Arcadis
	10/20/2016	**6.3**	**6.0**	NA	Arcadis
	10/20/2016*	**6.1**	**6.0**	NA	Arcadis
	01/12/2017	**6.1**	**6.2**	NA	Arcadis
	01/12/2017*	**6.3**	**6.0**	NA	Arcadis
	04/18/2017	**6.0**	**6.2**	NA	Arcadis
	07/27/2017	**9.8**	**11**	NA	Arcadis
	11/03/2017	**9.7**	**11**	NA	Arcadis
	01/25/2018	**8.3**	**8.1**	NA	Arcadis
	04/12/2018	**6.6**	**6.8**	NA	Arcadis
	07/18/2018	**5.8**	**5.8**	NA	Arcadis
	07/18/2018*	**5.7**	**6.0**	NA	Arcadis
	10/02/2018	**4.5**	**4.4**	NA	Arcadis
	01/11/2019	**3.0**	**2.8**	NA	Arcadis
	04/11/2019	**2.5**	**2.6**	NA	Arcadis
	04/11/2019*	**2.7**	**2.6**	NA	Arcadis
	07/12/2019	**1.8**	**2.1**	NA	Arcadis
	07/12/2019*	**1.9**	**2.1**	NA	Arcadis
	11/08/2019	**3.3**	**2.9**	NA	Arcadis
	12/03/2019	**1.6**	**1.4**	NA	Arcadis
	01/21/2020	**1.3**	**1.4**	NA	Arcadis
	04/17/2020	**1.0**	**0.93**	NA	Arcadis
No. of Samples:	79				
MW-17	03/08/2001	**46**	NA	**56**	ALISTO
	05/24/2001	**45**	**46**	**45**	ALISTO
	09/28/2001	**42**	NA	ND (10)	ALISTO
	12/07/2001	**44**	NA	**46**	ALISTO

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-17	02/13/2002	**39.7**	NA	**44**	CH2M
	05/22/2002	**72.3**	NA	**52**	CH2M
	08/19/2002	**38.8**	NA	**42.6**	CH2M
	08/19/2002*	**38.7**	NA	**44.8**	CH2M
	11/11/2002	**41.2**	NA	44.8 J	CH2M
	02/17/2003	**39.5**	NA	**41.9**	CH2M
	06/23/2003	**37.6**	**40.9**	NA	CH2M
	08/15/2003	**39.8**	**41.5**	NA	CH2M
	10/29/2003	**44.4**	**41.3**	NA	CH2M
	12/01/2003	41 J	**42.3**	NA	CH2M
	02/20/2004	**38.2**	**44.2**	NA	CH2M
	04/27/2004	**36**	**39.7**	NA	CH2M
	06/15/2004	**36.8**	**39.5**	NA	CH2M
	08/27/2004	**41.9**	**38.3**	NA	CH2M
	10/15/2004	**36.8**	**39**	NA	CH2M
	12/08/2004	**42.6**	**39.7**	NA	CH2M
	02/11/2005	**41.3**	**39.8**	NA	CH2M
	04/14/2005	**39.1**	NA	**39.7**	CH2M
	06/09/2005	**36.9**	NA	**40.5**	CH2M
	06/09/2005*	**39**	NA	**40.5**	CH2M
	08/24/2005	**36.6**	NA	**42.7**	CH2M
	10/14/2005	**37.4**	NA	**36.4**	CH2M
	12/09/2005	**35.4**	NA	**31.6**	CH2M
	02/21/2006	**33.8**	NA	**35.1**	CH2M
	08/08/2006	**33.7**	NA	**38.3**	CH2M
	02/21/2007	**29.7**	**32**	NA	CH2M
	08/21/2007	**31.2**	NA	**32**	CH2M
	08/21/2007*	**31.8**	NA	**33.1**	CH2M
	02/19/2008	**28.1**	**31.3**	NA	CH2M
	08/13/2008	**18.2**	**18**	NA	CH2M
	02/09/2009	**21.7**	**26**	NA	CH2M
	08/06/2009	**29.6**	**31**	NA	CH2M
	02/12/2010	**55**	**56.6**	NA	CH2M
	08/20/2010	**104**	**115**	NA	CH2M
	11/03/2010	**110**	**113**	NA	CH2M
	01/28/2011	**135**	**145**	NA	CH2M
	05/02/2011	**164**	**159**	NA	CH2M
	05/02/2011*	**158**	**162**	NA	CH2M
	07/29/2011	**136**	**132**	NA	CH2M
	11/07/2011	**80.6**	**82.2**	NA	CH2M
	01/27/2012	**52.6**	**51.4**	NA	CH2M
	04/25/2012	**68.5**	**72.6**	NA	CH2M
	07/26/2012	**94.7**	**93.7**	NA	CH2M
	10/16/2012	**100**	**94.8**	NA	CH2M
	01/16/2013	**73**	**75**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-17	04/18/2013	**78**	**85**	NA	CH2M
	08/02/2013	**110**	**120**	NA	CH2M
	10/08/2013	**120**	**120**	NA	CH2M
	01/13/2014	**110**	**120**	NA	CH2M
	04/04/2014	**100**	**110**	NA	CH2M
	04/04/2014*	**100**	**110**	NA	CH2M
	07/10/2014	**99**	**110**	NA	CH2M
	10/17/2014	**130**	**130**	NA	CH2M
	10/17/2014*	**130**	**130**	NA	CH2M
	01/08/2015	**120**	**140**	NA	CH2M
	04/14/2015	**110**	**120**	NA	CH2M
	07/21/2015	**100**	**120**	NA	CH2M
	10/20/2015	**100**	**110**	NA	Arcadis
	10/20/2015*	**100**	**110**	NA	Arcadis
	01/21/2016	NA	**110**	NA	Arcadis
	01/21/2016*	NA	**110**	NA	Arcadis
	04/20/2016	NA	**120**	NA	Arcadis
	07/20/2016	**93**	**84**	NA	Arcadis
	10/31/2016	**110**	**98**	NA	Arcadis
	01/18/2017	**94**	**93**	NA	Arcadis
	04/18/2017	**100**	**99**	NA	Arcadis
	07/24/2017	**92**	**100**	NA	Arcadis
	10/19/2017	**140**	**140**	NA	Arcadis
	01/23/2018	**94**	**91**	NA	Arcadis
	04/30/2018	**35**	**37**	NA	Arcadis
	07/18/2018	**51**	**53**	NA	Arcadis
	10/17/2018	**59**	**56**	NA	Arcadis
	10/17/2018*	**58**	**56**	NA	Arcadis
	01/14/2019	**100**	**93**	NA	Arcadis
	04/17/2019	**32**	**33**	NA	Arcadis
	07/11/2019	**58**	**58**	NA	Arcadis
	11/06/2019	**76**	**76**	NA	Arcadis
	01/21/2020	**79**	**84**	NA	Arcadis
	04/17/2020	**99**	**100**	NA	Arcadis
No. of Samples:	83				
MW-17D	08/02/2013	NA	**0.24**	NA	CH2M
	10/08/2013	NA	**0.34**	NA	CH2M
	01/13/2014	NA	**0.3**	NA	CH2M
	04/04/2014	NA	**0.26**	NA	CH2M
	07/10/2014	NA	**0.38**	NA	CH2M
	10/17/2014	NA	**0.46**	NA	CH2M
	01/08/2015	NA	**0.4**	NA	CH2M
	04/13/2015	NA	**0.81**	NA	CH2M
	07/22/2015	NA	**0.99**	NA	CH2M
	10/20/2015	NA	**1.2**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-17D	01/13/2016	NA	**1.2**	NA	Arcadis
	04/22/2016	NA	**1.3**	NA	Arcadis
	07/20/2016	**1.6**	**1.2**	NA	Arcadis
	01/06/2017	**1.6**	**1.4**	NA	Arcadis
	01/06/2017*	**1.7**	**1.4**	NA	Arcadis
	07/24/2017	**1.3**	**1.2**	NA	Arcadis
	01/23/2018	**1.6**	**0.86**	NA	Arcadis
	07/18/2018	**1.7**	**1.6**	NA	Arcadis
	01/14/2019	**1.4**	**1.1**	NA	Arcadis
	07/11/2019	**3.4**	**3.0**	NA	Arcadis
	09/05/2019	**2.9**	**2.4**	NA	Arcadis
	01/20/2020	**1.7**	**1.7**	NA	Arcadis
No. of Samples:	22				
MW-18	03/09/2001	**110**	NA	**110**	ALISTO
	05/24/2001	**100**	**107**	**97**	ALISTO
	09/26/2001	**98**	NA	**96**	ALISTO
	12/13/2001	**110**	NA	**96**	ALISTO
	02/13/2002	**105**	NA	**101**	CH2M
	05/22/2002	**145**	NA	**113**	CH2M
	08/21/2002	**145**	NA	**117**	CH2M
	11/12/2002	**284**	NA	**109**	CH2M
	02/18/2003	**111**	NA	**122**	CH2M
	02/18/2003*	**104**	NA	**122**	CH2M
	06/24/2003	**107**	**114**	NA	CH2M
	08/19/2003	**112**	**122**	NA	CH2M
	08/19/2003*	**113**	**122**	NA	CH2M
	10/29/2003	**115**	**114**	NA	CH2M
	12/01/2003	125 J	**126**	NA	CH2M
	02/04/2004	**110**	NA	NA	CH2M
	02/17/2004	**141**	NA	**115**	CH2M
	02/17/2004*	**117**	NA	**120**	CH2M
	04/27/2004	**107**	109 J	NA	CH2M
	06/15/2004	**114**	**108**	NA	CH2M
	08/30/2004	**106**	NA	**105**	CH2M
	08/30/2004*	**113**	NA	**106**	CH2M
	10/15/2004	**95.2**	**100**	NA	CH2M
	12/08/2004	**109**	**105**	NA	CH2M
	02/11/2005	**96.8**	NA	**92.1**	CH2M
	02/11/2005*	**96.7**	NA	**89.9**	CH2M
	04/14/2005	**84.3**	NA	**85.8**	CH2M
	06/06/2005	**75.1**	NA	**78**	CH2M
	08/17/2005	**75.4**	NA	**74.7**	CH2M
	08/17/2005*	**69.4**	NA	**71.5**	CH2M
	10/14/2005	**65.8**	NA	**64.9**	CH2M
	12/09/2005	**69.6**	NA	**67.8**	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-18	12/09/2005*	**64.8**	NA	**67.8**	CH2M
	02/20/2006	**85**	NA	**89.7**	CH2M
	02/20/2006*	**87.6**	NA	**88.7**	CH2M
	04/18/2006	**70.6**	NA	**69.7**	CH2M
	06/13/2006	**67.9**	NA	**74.9**	CH2M
	06/22/2006	**88.5**	117 J	NA	CH2M
	08/08/2006	**74.9**	NA	**83.3**	CH2M
	08/08/2006*	**71.6**	NA	**77**	CH2M
	10/17/2006	**86.9**	NA	NA	Arcadis
	10/20/2006	**65.7**	NA	**77.1**	CH2M
	10/24/2006	**68.4**	**82.7**	NA	CH2M
	12/08/2006	**76.1**	NA	**80.7**	CH2M
	12/13/2006	**89.6**	NA	NA	Arcadis
	01/18/2007	**97.8**	**129**	NA	Arcadis
	02/16/2007	**101**	116 J	NA	Arcadis
	02/16/2007	**96.3**	**89.5**	NA	CH2M
	03/27/2007	**86.6**	139 J	NA	Arcadis
	04/16/2007	**122**	**82.4**	NA	Arcadis
	05/22/2007	**92.5**	**81.9**	NA	Arcadis
	06/12/2007	**89.5**	**85**	NA	Arcadis
	07/16/2007	**82.7**	**77.2**	NA	Arcadis
	08/09/2007	**89.5**	**162**	NA	Arcadis
	09/18/2007	**75.4**	**67.4**	NA	Arcadis
	10/18/2007	**85.2**	**86.4**	NA	Arcadis
	12/04/2007	**76.4**	NA	**69.8**	CH2M
	02/18/2008	**61.9**	NA	**67.8**	CH2M
	02/18/2008*	**61.6**	NA	**68.9**	CH2M
	04/11/2008	**65.1**	NA	**63.1**	CH2M
	06/13/2008	**57.6**	NA	**53.9**	CH2M
	08/12/2008	**50.2**	**49.2**	NA	CH2M
	11/04/2008	**42.7**	**47.5**	NA	CH2M
	11/04/2008*	**42.4**	**47.5**	NA	CH2M
	03/09/2010	**61.8**	**61.2**	NA	CH2M
	05/01/2012	**61**	**64**	NA	CH2M
	08/02/2012	**41**	**41**	NA	CH2M
	11/07/2012	**56**	**60**	NA	CH2M
	02/07/2013	NA	**56**	NA	CH2M
	05/01/2013	NA	**40**	NA	CH2M
	08/06/2013	NA	**37**	NA	CH2M
	11/08/2013	NA	**40**	NA	CH2M
	02/05/2014	NA	**36**	NA	CH2M
	02/05/2014*	NA	**37**	NA	CH2M
	05/07/2014	NA	**35**	NA	CH2M
	08/06/2014	NA	**53**	NA	CH2M
	11/05/2014	NA	**43**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-18	02/06/2015	NA	**51**	NA	CH2M
	05/08/2015	NA	**46**	NA	CH2M
	08/05/2015	NA	**43**	NA	CH2M
	11/05/2015	NA	**28**	NA	Arcadis
	02/04/2016	NA	**26**	NA	Arcadis
	07/20/2016	**45**	**43**	NA	Arcadis
	01/06/2017	**44**	**41**	NA	Arcadis
	04/18/2017	**26**	**26**	NA	Arcadis
	07/28/2017	**45**	**45**	NA	Arcadis
	10/19/2017	**11**	**10**	NA	Arcadis
	01/18/2018	**16**	**16**	NA	Arcadis
	07/19/2018	**8.2**	**7.9**	NA	Arcadis
	01/14/2019	**3.2**	**2.8**	NA	Arcadis
	07/11/2019	**4.7**	**5.0**	NA	Arcadis
	01/20/2020	**2.2**	**2.0**	NA	Arcadis
No. of Samples:	92				
MW-19	03/09/2001	**62**	NA	**69**	ALISTO
	05/24/2001	**48**	**53**	**48**	ALISTO
	09/26/2001	**74**	NA	**71**	ALISTO
	12/13/2001	**79**	NA	**76**	ALISTO
	02/14/2002	**53.3**	NA	**62**	CH2M
	02/14/2002*	**53.5**	NA	**62**	CH2M
	05/22/2002	**66.7**	**65.4**	NA	CH2M
	08/21/2002	**74**	NA	**72.1**	CH2M
	11/12/2002	**64.4**	NA	**50**	CH2M
	02/18/2003	**57.7**	NA	**52.7**	CH2M
	06/24/2003	**52.4**	**53**	NA	CH2M
	08/19/2003	**49**	**53.4**	NA	CH2M
	10/29/2003	**52.1**	**48.7**	NA	CH2M
	12/02/2003	54.4 J	**47.5**	NA	CH2M
	02/20/2004	**47.5**	**51**	NA	CH2M
	04/27/2004	**39.6**	**41.1**	NA	CH2M
	06/15/2004	**38.7**	**41.8**	NA	CH2M
	08/24/2004	**38.7**	**37.2**	NA	CH2M
	10/15/2004	**35.4**	**35.2**	NA	CH2M
	12/07/2004	**38.9**	**36**	NA	CH2M
	02/10/2005	**32.3**	**31.5**	NA	CH2M
	04/14/2005	**28.7**	NA	**26.1**	CH2M
	06/06/2005	**27.3**	NA	**25.5**	CH2M
	08/17/2005	**22.9**	**23.4**	NA	CH2M
	10/14/2005	**20.9**	NA	**15.3**	CH2M
	12/09/2005	**18.1**	NA	**11.4**	CH2M
	02/22/2006	**22.6**	**18.8**	NA	CH2M
	04/18/2006	**23**	**19.4**	NA	CH2M
	06/13/2006	**19.6**	**18.4**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-19	08/09/2006	**20.5**	**21.9**	NA	CH2M
	10/17/2006	**18.8**	**20.3**	NA	CH2M
	12/05/2006	**18.3**	**20.5**	NA	CH2M
	02/13/2007	**20.9**	**23.4**	NA	CH2M
	04/09/2007	**25.6**	**22.8**	NA	CH2M
	06/18/2007	**19.7**	**21.6**	NA	CH2M
	08/16/2007	**20.7**	**21.3**	NA	CH2M
	10/15/2007	**18.5**	**20.2**	NA	CH2M
	12/07/2007	**17.6**	**16.8**	NA	CH2M
	02/14/2008	**17.3**	**18.3**	NA	CH2M
No. of Samples:	39				
MW-20	03/08/2001	**1,100**	NA	**1,110**	ALISTO
	05/24/2001	**1,400**	**1,410**	**1,320**	ALISTO
	09/27/2001	**1,400**	NA	**1,400**	ALISTO
	12/07/2001	**1,500**	NA	**1,500**	ALISTO
	02/13/2002	**1,670**	NA	**1,600**	CH2M
	05/22/2002	**1,440**	NA	**1,640**	CH2M
	08/20/2002	**1,870**	NA	**1,610**	CH2M
	11/11/2002	**1,640**	NA	1,620 J	CH2M
	02/17/2003	**1,340**	NA	**1,710**	CH2M
	08/12/2003	**1,480**	NA	**1,620**	CH2M
	08/12/2003*	**1,490**	NA	**1,620**	CH2M
	02/18/2004	**1,980**	NA	**1,690**	CH2M
	02/18/2004*	**1,770**	NA	**1,680**	CH2M
	08/31/2004	**2,040**	NA	**1,530**	CH2M
	08/31/2004*	**2,260**	NA	**1,560**	CH2M
	02/09/2005	**1,280**	NA	**1,330**	CH2M
	08/23/2005	**1,350**	NA	**1,140**	CH2M
	02/21/2006	**1,700**	NA	**1,320**	CH2M
	08/09/2006	**1,370**	NA	1,560 J	CH2M
	02/21/2007	**1,340**	**1,540**	NA	CH2M
	08/14/2007	**1,460**	NA	**1,440**	CH2M
	02/19/2008	**1,350**	NA	**1,430**	CH2M
	08/13/2008	**1,330**	NA	**1,360**	CH2M
	11/07/2008	**1,430**	NA	**1,350**	CH2M
	12/10/2008	**1,250**	**1,510**	NA	Arcadis
	02/03/2009	**1,500**	**1,700**	NA	CH2M
	03/06/2009	**1,480**	NA	**1,440**	CH2M
	05/14/2009	**2,090**	NA	**1,440**	CH2M
	08/06/2009	**1,780**	NA	**1,480**	CH2M
	11/17/2009	**1,550**	NA	**1,120**	CH2M
	02/12/2010	**1,790**	NA	**1,710**	CH2M
	03/09/2010	**1,630**	**1,550**	NA	CH2M
	05/11/2010	**1,620**	NA	**1,560**	CH2M
	08/23/2010	**1,700**	NA	**1,780**	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-20	10/12/2010	**1,640**	**1,760**	NA	CH2M
	10/27/2010	**1,500**	NA	**1,650**	CH2M
	01/26/2011	**1,580**	NA	**1,580**	CH2M
	05/02/2011	**1,660**	NA	**1,790**	CH2M
	06/28/2011	NA	**1,500**	NA	CH2M
	07/26/2011	**1,700**	**1,500**	NA	CH2M
	09/19/2011	**770**	NA	**710**	CH2M
	11/07/2011	**681**	**682**	NA	CH2M
	01/19/2012	**760**	**730**	NA	CH2M
	01/19/2012*	**750**	**730**	NA	CH2M
	05/11/2012	**1,300**	**1,400**	NA	CH2M
	08/02/2012	**1,200**	**1,100**	NA	CH2M
	10/16/2012	**1,400**	**1,300**	NA	CH2M
	01/16/2013	**1,300**	**1,200**	NA	CH2M
	04/18/2013	**1,100**	**1,100**	NA	CH2M
	07/18/2013	**1,100**	**1,100**	NA	CH2M
	01/14/2014	**920**	**940**	NA	CH2M
	04/11/2014	**850**	**860**	NA	CH2M
	07/21/2014	**710**	**700**	NA	CH2M
	07/21/2014*	**720**	**700**	NA	CH2M
	10/17/2014	**630**	**590**	NA	CH2M
	01/07/2015	**530**	**540**	NA	CH2M
	04/14/2015	**450**	**450**	NA	CH2M
	07/21/2015	**470**	**420**	NA	CH2M
	10/23/2015	**460**	**450**	NA	Arcadis
	02/04/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	05/05/2016	ND (1.0)	NA	NA	Arcadis
	07/20/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	08/11/2016	**2.1**	ND (0.2)	NA	Arcadis
	08/11/2016*	**2.1**	ND (0.2)	NA	Arcadis
	11/04/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/27/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/28/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/19/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/27/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/27/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	02/02/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	05/03/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/26/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/26/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/25/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	02/14/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	05/08/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2019	**1.1**	ND (0.2)	NA	Arcadis
	10/24/2019	ND (1.0)	ND (0.2)	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-20	01/23/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/22/2020*	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	82				
MW-21A	03/11/2004	**4.0**	**1.8**	NA	CH2M
	03/11/2004*	**3.8**	**2.0**	NA	CH2M
	04/28/2004	**3.5**	**1.8**	NA	CH2M
	07/13/2004	**2.8**	**1.6**	NA	CH2M
	08/26/2004	**4.59**	**1.22**	NA	CH2M
	02/04/2005	**3.56**	**1.83**	NA	CH2M
	08/17/2005	**3.4**	**3.87**	NA	CH2M
	02/15/2006	**4.66**	**1.38**	NA	CH2M
	08/14/2006	**3.34**	**3.06**	NA	CH2M
	02/13/2007	**2.18**	**1.9**	NA	CH2M
	08/15/2007	**2.32**	2.19 J	NA	CH2M
	02/12/2008	**2.77**	**1.69**	NA	CH2M
	08/05/2008	**3.08**	**3.37**	NA	CH2M
	04/14/2014	**1.8**	**1.9**	NA	CH2M
	04/14/2014*	**1.9**	**1.9**	NA	CH2M
	07/17/2014	**2.6**	**1.9**	NA	CH2M
	07/17/2014*	**2.5**	**1.9**	NA	CH2M
	10/14/2014	**2.1**	**1.9**	NA	CH2M
	01/20/2015	**2.3**	**2.3**	NA	CH2M
	04/07/2015	**1.8**	**1.6**	NA	CH2M
	07/13/2015	**1.5**	**1.8**	NA	CH2M
	10/14/2015	**2.4**	**2.7**	NA	Arcadis
	01/14/2016	**5.5**	**4.1**	NA	Arcadis
	04/08/2016	**3.5**	**3.3**	NA	Arcadis
	07/12/2016	**3.0**	**3.1**	NA	Arcadis
	10/20/2016	**2.9**	**2.9**	NA	Arcadis
	01/04/2017	**2.6**	**2.9**	NA	Arcadis
	04/10/2017	**2.6**	**2.4**	NA	Arcadis
	07/13/2017	**2.3**	**2.4**	NA	Arcadis
	10/10/2017	**2.2**	**2.0**	NA	Arcadis
	01/09/2018	**1.4**	**1.6**	NA	Arcadis
	04/11/2018	**1.6**	**1.5**	NA	Arcadis
	07/11/2018	**1.9**	**1.9**	NA	Arcadis
	10/17/2018	**1.9**	**1.9**	NA	Arcadis
	01/09/2019	**2.5**	**1.6**	NA	Arcadis
	04/05/2019	**1.4**	**1.4**	NA	Arcadis
	07/10/2019	**1.5**	**1.4**	NA	Arcadis
	10/16/2019	**1.2**	**1.0**	NA	Arcadis
	01/08/2020	**1.3**	**1.1**	NA	Arcadis
	04/08/2020	**1.3**	**1.1**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	40				
MW-21B	07/25/2002	ND (1.0)	ND (0.2)	NA	CH2M
	07/25/2002*	**1.8**	ND (0.2)	NA	CH2M
	08/21/2002	**1.7**	ND (0.2)	NA	CH2M
	09/25/2002	**2.9**	ND (0.2)	NA	CH2M
	10/15/2002	**1.4**	ND (0.2)	NA	CH2M
	11/12/2002	**1.1**	ND (0.2)	NA	CH2M
	12/17/2002	**1.0**	ND (0.2)	NA	CH2M
	01/24/2003	**1.6**	ND (0.2)	NA	CH2M
	02/20/2003	**2.5**	ND (0.2)	NA	CH2M
	03/27/2003	**2.6**	ND (0.2)	NA	CH2M
	04/17/2003	**1.2**	ND (0.2)	NA	CH2M
	06/25/2003	**1.4**	ND (0.2)	NA	CH2M
	08/19/2003	**1.4**	ND (0.2)	NA	CH2M
	10/27/2003	**2.1**	ND (0.2)	NA	CH2M
	12/02/2003	5.1 J	ND (0.2)	NA	CH2M
	02/16/2004	**3.2**	ND (0.2)	NA	CH2M
	04/27/2004	**1.7**	ND (0.2)	NA	CH2M
	07/13/2004	ND (1.0)	ND (0.2)	NA	CH2M
	08/24/2004	**1.46**	ND (0.2)	NA	CH2M
	10/11/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/03/2005	**3.7**	**0.29**	NA	CH2M
	04/13/2005	ND (1.0)	ND (0.2)	NA	CH2M
	08/16/2005	ND (1.0)	ND (0.2)	NA	CH2M
	10/11/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/17/2006	**2.74**	ND (0.2)	NA	CH2M
	04/17/2006*	**2.95**	ND (0.2)	NA	CH2M
	08/14/2006	ND (1.0)	**0.222**	NA	CH2M
	12/04/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/04/2006*	ND (1.0)	ND (0.2)	NA	CH2M
	02/13/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/19/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/19/2007*	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	12/06/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/13/2008	ND (1.0)	ND (0.2)	NA	CH2M
	04/10/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/05/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/04/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/14/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/09/2010	ND (1.0)	ND (0.2)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-21B	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/19/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/27/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/05/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	07/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/02/2011	ND (1.0)	ND (0.061)	NA	CH2M
	01/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06 J)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	03/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.069)	NA	CH2M
	07/17/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.096)	NA	CH2M
	01/20/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	69				
MW-21B1	03/11/2004	**12.7**	**11.5**	NA	CH2M
	04/28/2004	**9.4**	**4.6**	NA	CH2M
	06/14/2004	**7.6**	**6.2**	NA	CH2M
	06/14/2004*	**7.2**	**6.2**	NA	CH2M
	07/14/2004	**6.4**	**5.8**	NA	CH2M
	07/14/2004*	**6.1**	**5.9**	NA	CH2M
	08/27/2004	**6.96**	**5.37**	NA	CH2M
	10/11/2004	**6.3**	**5.4**	NA	CH2M
	12/07/2004	**7.38**	**5.22**	NA	CH2M
	02/03/2005	**5.59**	**5.18**	NA	CH2M
	04/12/2005	**7.57**	**6.97**	NA	CH2M
	06/08/2005	**7.14**	**5.05**	NA	CH2M
	08/16/2005	**23.3**	**23.6**	NA	CH2M
	10/11/2005	**37**	**37.9**	NA	CH2M
	12/09/2005	**29.8**	NA	**25.3**	CH2M
	02/14/2006	**23**	**23.9**	NA	CH2M
	04/17/2006	**18**	NA	**13**	CH2M
	06/12/2006	**17.9**	**13.7**	NA	CH2M
	08/14/2006	**13.5**	**15**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-21B1	10/17/2006	**8.23**	**9.98**	NA	CH2M
	12/04/2006	**8.3**	**9.71**	NA	CH2M
	02/13/2007	**5.57**	**6.19**	NA	CH2M
	04/09/2007	**6.01**	**5.23**	NA	CH2M
	06/18/2007	**5.44**	**5.75**	NA	CH2M
	06/18/2007*	**5.85**	**5.8**	NA	CH2M
	08/15/2007	**4.12**	**3.93**	NA	CH2M
	10/16/2007	**5.04**	**5.39**	NA	CH2M
	12/06/2007	**6.43**	**6.05**	NA	CH2M
	02/13/2008	**4.26**	**3.43**	NA	CH2M
	04/10/2008	**5.9**	**6.08**	NA	CH2M
	06/10/2008	**2.51**	**2.72**	NA	CH2M
	08/07/2008	**2.87**	**3.11**	NA	CH2M
	11/05/2008	**4.85**	**5.38**	NA	CH2M
	02/04/2009	**3.84**	**3.56**	NA	CH2M
	05/14/2009	**3.34**	**2.5**	NA	CH2M
	08/10/2009	**2.58**	**2.7**	NA	CH2M
	11/10/2009	**5.26**	**5.4**	NA	CH2M
	02/09/2010	**4.91**	**4.52**	NA	CH2M
	05/12/2010	**3.6**	**3.0**	NA	CH2M
	05/12/2010*	**3.2**	**3.1**	NA	CH2M
	08/19/2010	**5.7**	**6.7**	NA	CH2M
	08/19/2010*	**5.7**	**6.6**	NA	CH2M
	10/27/2010	**5.6**	**5.1**	NA	CH2M
	10/27/2010*	**5.0**	**5.0**	NA	CH2M
	01/26/2011	**4.0**	**4.1**	NA	CH2M
	01/26/2011*	**4.8**	**4.1**	NA	CH2M
	05/05/2011	**6.0**	**5.9**	NA	CH2M
	07/28/2011	**6.4**	**5.8**	NA	CH2M
	11/02/2011	**4.7**	**4.3**	NA	CH2M
	01/16/2012	**8.3**	**8.3**	NA	CH2M
	03/09/2012	**9.4**	**8.8**	NA	CH2M
	04/09/2012	**8.8**	**8.9**	NA	CH2M
	04/09/2012*	**8.8**	**8.4**	NA	CH2M
	07/23/2012	**5.6**	**5.3**	NA	CH2M
	10/17/2012	**5.9**	**6.0**	NA	CH2M
	01/22/2013	**7.8**	**8.3**	NA	CH2M
	04/15/2013	**8.5**	**8.1**	NA	CH2M
	07/30/2013	**13.5**	**12.2**	NA	CH2M
	10/15/2013	**9.6**	**9.3**	NA	CH2M
	01/21/2014	**10.2**	**10.2**	NA	CH2M
	04/14/2014	**12**	**12**	NA	CH2M
	07/17/2014	**8.5**	**7.6**	NA	CH2M
	10/14/2014	**6.4**	**6.9**	NA	CH2M
	01/20/2015	**27**	**27**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-21B1	04/07/2015	**11**	**11**	NA	CH2M
	07/13/2015	**8.2**	**8.9**	NA	CH2M
	10/14/2015	**7.1**	**8.0**	NA	Arcadis
	01/14/2016	**12**	**12**	NA	Arcadis
	04/08/2016	**12**	**11**	NA	Arcadis
	07/12/2016	**9.4**	**9.3**	NA	Arcadis
	10/20/2016	**9.5**	**9.4**	NA	Arcadis
	01/04/2017	**10**	**11**	NA	Arcadis
	04/10/2017	**7.1**	**6.9**	NA	Arcadis
	07/13/2017	**6.4**	**7.0**	NA	Arcadis
	10/10/2017	**6.9**	**6.7**	NA	Arcadis
	01/09/2018	**6.6**	**6.7**	NA	Arcadis
	04/11/2018	**6.4**	**6.4**	NA	Arcadis
	07/11/2018	**5.7**	**6.0**	NA	Arcadis
	10/17/2018	**5.9**	**6.0**	NA	Arcadis
	01/09/2019	**6.7**	**5.0**	NA	Arcadis
	04/05/2019	**4.8**	**5.2**	NA	Arcadis
	07/10/2019	**5.6**	**6.0**	NA	Arcadis
	10/16/2019	**5.4**	**5.0**	NA	Arcadis
	01/08/2020	**4.9**	**5.1**	NA	Arcadis
	04/08/2020	**5.1**	**4.9**	NA	Arcadis
No. of Samples:	85				
MW-21C	07/25/2002	**1.4**	ND (0.2)	NA	CH2M
	08/21/2002	ND (1.0)	ND (0.2)	NA	CH2M
	09/24/2002	**2.2**	**2.3**	NA	CH2M
	10/15/2002	ND (1.0)	ND (0.2)	NA	CH2M
	10/15/2002*	**1.1**	ND (0.2)	NA	CH2M
	11/12/2002	**55.7**	ND (0.2)	NA	CH2M
	12/17/2002	ND (1.0)	ND (0.2)	NA	CH2M
	12/17/2002*	ND (1.0)	ND (0.2)	NA	CH2M
	01/24/2003	**1.3**	ND (0.2)	NA	CH2M
	02/20/2003	**1.9**	ND (0.2)	NA	CH2M
	03/27/2003	**2.2**	ND (0.2)	NA	CH2M
	04/17/2003	ND (1.0)	ND (0.2)	NA	CH2M
	08/20/2003	ND (1.0)	ND (0.2)	NA	CH2M
	08/20/2003*	ND (1.0)	ND (0.2)	NA	CH2M
	10/27/2003	ND (1.0)	ND (0.2)	NA	CH2M
	12/02/2003	3.6 J	ND (0.2)	NA	CH2M
	02/20/2004	**1.6**	ND (0.2)	NA	CH2M
	02/20/2004*	**1.1**	ND (0.2)	NA	CH2M
	04/27/2004	ND (1.0)	ND (0.2)	NA	CH2M
	06/14/2004	ND (1.0)	ND (0.2)	NA	CH2M
	08/24/2004	ND (1.0)	ND (0.2)	NA	CH2M
	10/13/2004	ND (1.0)	ND (0.2)	NA	CH2M
	12/06/2004	**2.51**	**0.201**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-21C	02/04/2005	ND (1.0)	ND (0.2)	NA	CH2M
	04/13/2005	ND (1.0)	ND (0.2)	NA	CH2M
	06/07/2005	**1.39**	ND (0.2)	NA	CH2M
	08/18/2005	ND (1.0)	ND (0.2)	NA	CH2M
	10/12/2005	ND (1.0)	ND (0.2)	NA	CH2M
	12/07/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/13/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/05/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/05/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/03/2010	ND (1.0)	ND (0.2)	NA	CH2M
	06/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/26/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2013	ND (1.0)	**0.15**	NA	CH2M
	07/17/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2015	ND (1.0)	ND (0.18)	NA	CH2M
	04/08/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/20/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/11/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/08/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	55				
MW-2-2	03/07/2001	**86**	NA	**82**	ALISTO
	05/22/2001	**54**	**68**	**54**	ALISTO
	09/26/2001	**430**	NA	**400**	ALISTO
	12/05/2001	**350**	NA	**340**	ALISTO
	08/13/2003	**274**	NA	**260**	CH2M
	02/17/2004	**426**	NA	**404**	CH2M
	08/31/2004	**315**	NA	**237**	CH2M
	02/09/2005	**196**	NA	**208**	CH2M
No. of Samples:	8				
MW-221S	06/08/2018	**4.6**	**4.4**	NA	Arcadis
	07/25/2018	**5.8**	**4.5**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-221S	09/06/2018	**5.4**	**5.0**	NA	Arcadis
	10/01/2018	**5.3**	**4.9**	NA	Arcadis
	01/15/2019	**5.0**	**4.2**	NA	Arcadis
	04/10/2019	**5.7**	**5.4**	NA	Arcadis
	07/16/2019	**5.2**	**5.5**	NA	Arcadis
	10/11/2019	**6.2**	**5.3**	NA	Arcadis
	01/15/2020	**5.3**	**5.4**	NA	Arcadis
	04/24/2020	**5.8**	**5.5**	NA	Arcadis
No. of Samples:	10				
MW-226D	11/08/2018	ND (1.0)	**0.32**	NA	Arcadis
	01/15/2019	ND (1.0)	**0.47**	NA	Arcadis
	01/15/2019*	ND (1.0)	**0.45**	NA	Arcadis
	04/03/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/14/2019	**1.2**	ND (0.2)	NA	Arcadis
	04/06/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	7				
MW-226S	11/08/2018	**2.5**	**2.4**	NA	Arcadis
	01/15/2019	**2.8**	**2.2**	NA	Arcadis
	04/03/2019	**3.0**	**2.7**	NA	Arcadis
	04/03/2019*	**2.5**	**2.7**	NA	Arcadis
	07/09/2019	**2.8**	**2.8**	NA	Arcadis
	10/14/2019	**3.3**	**2.5**	NA	Arcadis
	12/05/2019	**2.5**	**2.8**	NA	Arcadis
	04/06/2020	**2.8**	**2.5**	NA	Arcadis
No. of Samples:	8				
MW-22A1	12/20/2002	**8.3**	**2.0**	NA	CH2M
	02/25/2003	**5.8**	**1.9**	NA	CH2M
No. of Samples:	2				
MW-22A2	12/20/2002	**10.4**	**2.5**	NA	CH2M
	02/25/2003	**6.9**	**2.8**	NA	CH2M
	06/23/2003	**7.4**	**3.1**	NA	CH2M
	08/08/2003	**6.0**	**3.3**	NA	CH2M
	02/19/2004	**10.9**	**3.5**	NA	CH2M
	02/19/2004*	**11.1**	**3.3**	NA	CH2M
	08/26/2004	**7.14**	**3.18**	NA	CH2M
	08/26/2004*	**7.51**	**3.19**	NA	CH2M
	02/07/2005	**7.49**	**3.48**	NA	CH2M
	02/07/2005*	**8.31**	**3.56**	NA	CH2M
	08/17/2005	**3.5**	**3.17**	NA	CH2M
	08/17/2005*	**3.68**	**3.16**	NA	CH2M
	02/23/2006	**7.21**	**2.99**	NA	CH2M
	02/23/2006*	**6.64**	**2.99**	NA	CH2M
	08/09/2006	**2.4**	**2.53**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-22A2	02/13/2007	**2.92**	**3.0**	NA	CH2M
	08/15/2007	**2.77**	**3.06**	NA	CH2M
	02/12/2008	**4.82**	**3.06**	NA	CH2M
	02/12/2008*	**3.15**	**2.98**	NA	CH2M
	08/06/2008	**3.47**	**3.12**	NA	CH2M
	12/05/2011	**4.1**	**3.9**	NA	CH2M
	01/27/2012	**3.8**	**3.6**	NA	CH2M
	04/25/2012	**3.7**	**3.7**	NA	CH2M
	07/26/2012	**4.5**	**3.9**	NA	CH2M
	07/26/2012*	**4.5**	**3.9**	NA	CH2M
	10/11/2012	**3.8**	**3.6**	NA	CH2M
	01/17/2013	**4.7**	**4.3**	NA	CH2M
	04/08/2013	**5.0**	**3.9**	NA	CH2M
	04/08/2013*	**5.3**	**4.0**	NA	CH2M
	07/12/2013	**3.6**	**2.6**	NA	CH2M
	10/14/2013	**3.9**	**4.0**	NA	CH2M
	01/14/2014	**4.9**	**4.0**	NA	CH2M
No. of Samples:	32				
MW-22B	12/20/2002	**22.4**	**14.2**	NA	CH2M
	02/26/2003	**20.9**	17.8 J	NA	CH2M
	02/26/2003*	**21.6**	**18.3**	NA	CH2M
	04/17/2003	**21.6**	**15.6**	NA	CH2M
	04/17/2003*	**19.3**	**15.2**	NA	CH2M
	06/24/2003	**18.6**	**14.6**	NA	CH2M
	08/13/2003	**14.8**	**13.4**	NA	CH2M
	10/29/2003	**20.8**	**13.5**	NA	CH2M
	12/01/2003	22.9 J	**12.2**	NA	CH2M
	02/16/2004	**15.9**	**11.7**	NA	CH2M
	04/29/2004	**12.2**	**11.2**	NA	CH2M
	06/14/2004	**14.2**	**13**	NA	CH2M
	08/24/2004	**13.3**	**10.7**	NA	CH2M
	10/14/2004	**11.4**	**10.7**	NA	CH2M
	12/07/2004	**12.8**	**9.85**	NA	CH2M
	02/07/2005	**14.6**	**13**	NA	CH2M
	05/04/2005	**10.9**	**10.4**	NA	CH2M
	05/04/2005*	**10.5**	**10.5**	NA	CH2M
	06/06/2005	**11.7**	**10**	NA	CH2M
	06/06/2005*	**11.7**	**10**	NA	CH2M
	08/18/2005	**17.7**	**17.7**	NA	CH2M
	10/12/2005	**22.7**	**20.3**	NA	CH2M
	10/12/2005*	**27.6**	**20.4**	NA	CH2M
	12/06/2005	**21.8**	**20.4**	NA	CH2M
	12/06/2005*	**20.9**	**19.7**	NA	CH2M
	02/15/2006	**21.6**	**16.4**	NA	CH2M
	08/09/2006	**11.8**	**13.4**	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-22B	08/09/2006*	**11.3**	**13.5**	NA	CH2M
	10/17/2006	**14.1**	**14.4**	NA	CH2M
	10/17/2006*	**12.8**	**14.6**	NA	CH2M
	12/05/2006	**10.8**	**13**	NA	CH2M
	02/13/2007	**11.9**	**12.6**	NA	CH2M
	02/13/2007*	**12.3**	**12.6**	NA	CH2M
	08/15/2007	**10.3**	**11.4**	NA	CH2M
	02/12/2008	**10.2**	**10.8**	NA	CH2M
	08/06/2008	**10.6**	**10.7**	NA	CH2M
	08/06/2008*	**10.4**	**10.8**	NA	CH2M
	12/12/2011	**20.2**	**21.4**	NA	CH2M
	01/27/2012	**16.1**	**15.2**	NA	CH2M
	04/25/2012	**16.8**	**16.9**	NA	CH2M
	07/26/2012	**32.4**	**30.1**	NA	CH2M
	10/11/2012	**30.7**	**32.7**	NA	CH2M
	01/17/2013	**35.3**	**34.1**	NA	CH2M
	04/08/2013	**36.3**	**36.8**	NA	CH2M
	07/12/2013	**35.4**	**34.3**	NA	CH2M
	10/15/2013	**33.3**	**33.3**	NA	CH2M
	01/14/2014	**35**	**32.3**	NA	CH2M
	01/14/2014*	**38.4**	**32.2**	NA	CH2M
	07/25/2014	**29**	**29**	NA	CH2M
	01/15/2015	**24**	**26**	NA	CH2M
	07/13/2015	**19**	**20**	NA	CH2M
	01/14/2016	**25**	**24**	NA	Arcadis
	07/18/2016	**18**	**18**	NA	Arcadis
	01/05/2017	**19**	**19**	NA	Arcadis
	07/20/2017	**15**	**17**	NA	Arcadis
	10/17/2017	**16**	**16**	NA	Arcadis
	10/17/2017*	**15**	**16**	NA	Arcadis
	04/17/2018	**11**	**12**	NA	Arcadis
	10/01/2018	**11**	**11**	NA	Arcadis
	04/10/2019	**8.6**	**8.6**	NA	Arcadis
	10/18/2019	**7.9**	**8.1**	NA	Arcadis
	04/13/2020	**7.1**	**7.5**	NA	Arcadis
No. of Samples:	62				
MW-2-3	03/08/2001	ND (20)	NA	ND (10)	ALISTO
	05/23/2001	**6.4**	**7.3**	ND (10)	ALISTO
	09/27/2001	**9.8**	**7.1**	ND (10)	ALISTO
	12/07/2001	**11**	**14**	ND (10)	ALISTO
	02/08/2002	20.5 J	**12.4**	NA	CH2M
	02/08/2002*	12.9 J	**12.3**	NA	CH2M
	05/22/2002	**22**	**23.9**	NA	CH2M
	08/19/2002	**32.2**	**33.2**	NA	CH2M
	11/12/2002	**55.6**	**53.7**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-2-3	11/12/2002*	**55.4**	**53.9**	NA	CH2M
	02/18/2003	**108**	**112**	NA	CH2M
	08/14/2003	**219**	**188**	NA	CH2M
	02/20/2004	**410**	**440**	NA	CH2M
	08/30/2004	**439**	**406**	NA	CH2M
	02/11/2005	**418**	**476**	NA	CH2M
No. of Samples:	15				
MW-23A	01/24/2003	**1.8**	**0.61**	NA	CH2M
	02/24/2003	**2.6**	**1.0**	NA	CH2M
No. of Samples:	2				
MW-23B	01/24/2003	**55.6**	**54.6**	NA	CH2M
	02/24/2003	**63.1**	**60.7**	NA	CH2M
	04/17/2003	**68.8**	**63.5**	NA	CH2M
	06/24/2003	**63.1**	**64.9**	NA	CH2M
	08/13/2003	**62.2**	**63.4**	NA	CH2M
	10/29/2003	**64.9**	**61**	NA	CH2M
	12/01/2003	62.5 J	**62.3**	NA	CH2M
	02/16/2004	**55.2**	**49.3**	NA	CH2M
	04/28/2004	**50.1**	**48.9**	NA	CH2M
	06/14/2004	**44.9**	**45.5**	NA	CH2M
	08/24/2004	**54.1**	**45.4**	NA	CH2M
	10/14/2004	**43.4**	**43.5**	NA	CH2M
	12/07/2004	**44.7**	**44.5**	NA	CH2M
	02/07/2005	**46.9**	**52.8**	NA	CH2M
	04/13/2005	**46.8**	NA	**43.9**	CH2M
	06/06/2005	**46.4**	NA	**44.8**	CH2M
	08/16/2005	**44.9**	NA	**44.8**	CH2M
	10/13/2005	**39.3**	NA	**34.3**	CH2M
	12/08/2005	**37.2**	**39.3**	NA	CH2M
	02/14/2006	**36.3**	NA	**34**	CH2M
	04/18/2006	**38.3**	NA	**37.2**	CH2M
	06/13/2006	**40.3**	NA	**39.3**	CH2M
	08/09/2006	**37.3**	NA	**43.5**	CH2M
	10/17/2006	**35.5**	NA	**39.3**	CH2M
	12/05/2006	**36.2**	NA	**41.7**	CH2M
	02/22/2007	**25.6**	**29**	NA	CH2M
	02/22/2007*	**25.2**	**29**	NA	CH2M
	04/09/2007	**31.2**	NA	**28.9**	CH2M
	06/18/2007	**28.9**	NA	**28.9**	CH2M
	08/15/2007	**30.8**	NA	**40**	CH2M
	10/15/2007	**34.6**	NA	**42.3**	CH2M
	12/07/2007	**28**	NA	**31.6**	CH2M
	02/12/2008	**29.1**	**29.7**	NA	CH2M
	04/10/2008	**28.5**	**30.7**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-23B	06/11/2008	**30.6**	**31.4**	NA	CH2M
	08/05/2008	**30.7**	**32.6**	NA	CH2M
	11/06/2008	**30.9**	**34.3**	NA	CH2M
	02/05/2009	**29.8**	**32.6**	NA	CH2M
	05/14/2009	**35.2**	**34.7**	NA	CH2M
	08/05/2009	**38.3**	**39.2**	NA	CH2M
	11/17/2009	**40**	**40.7**	NA	CH2M
	11/17/2009*	**40.2**	**39.8**	NA	CH2M
	02/16/2010	**39.2**	**45.5**	NA	CH2M
	02/16/2010*	**38.4**	**42.5**	NA	CH2M
	03/09/2010	**35.3**	**36.4**	NA	CH2M
	05/11/2010	**39**	**43.9**	NA	CH2M
	05/11/2010*	**39.2**	**44**	NA	CH2M
	06/23/2010	**45.9**	**48.8**	NA	CH2M
	08/03/2010	**44.8**	**54.1**	NA	CH2M
	08/03/2010*	**46.6**	**49.2**	NA	CH2M
	10/26/2010	**40.1**	**42.3**	NA	CH2M
	10/26/2010*	**41.2**	**42.4**	NA	CH2M
	01/25/2011	**49**	**51.7**	NA	CH2M
	01/25/2011*	**48.6**	**51.8**	NA	CH2M
	05/03/2011	**56.2**	**52.8**	NA	CH2M
	07/29/2011	**43.5**	**42.6**	NA	CH2M
	11/07/2011	**44.4**	**42.2**	NA	CH2M
	01/30/2012	**53**	**48.4**	NA	CH2M
	04/17/2012	**51**	**49.7**	NA	CH2M
	04/17/2012*	**52.7**	**50**	NA	CH2M
	07/26/2012	**50.6**	**47.5**	NA	CH2M
	10/11/2012	**46.6**	**48.7**	NA	CH2M
	01/17/2013	**47.5**	**48.6**	NA	CH2M
	04/08/2013	**48.2**	**49.8**	NA	CH2M
	07/12/2013	**52.4**	**48.7**	NA	CH2M
	10/14/2013	**48.5**	**49.3**	NA	CH2M
	01/14/2014	**53.3**	**48.4**	NA	CH2M
	04/11/2014	**48**	**50**	NA	CH2M
	07/25/2014	**47**	**44**	NA	CH2M
	10/14/2014	**37**	**39**	NA	CH2M
	01/15/2015	**42**	**46**	NA	CH2M
	04/08/2015	**34**	**35**	NA	CH2M
	07/13/2015	**20**	**22**	NA	CH2M
	10/21/2015	**17**	**19**	NA	Arcadis
	01/14/2016	**17**	**17**	NA	Arcadis
	04/12/2016	**11**	**11**	NA	Arcadis
	07/18/2016	**9.4**	**9.0**	NA	Arcadis
	10/20/2016	**8.4**	**8.2**	NA	Arcadis
	01/05/2017	**6.6**	**7.0**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-23B	04/17/2017	**5.8**	**6.4**	NA	Arcadis
	07/20/2017	**4.3**	**4.7**	NA	Arcadis
	10/17/2017	**3.8**	**3.8**	NA	Arcadis
	01/10/2018	**4.2**	**4.1**	NA	Arcadis
	04/17/2018	**2.7**	**2.7**	NA	Arcadis
	07/12/2018	**2.7**	**3.0**	NA	Arcadis
	10/01/2018	**3.0**	**3.0**	NA	Arcadis
	01/09/2019	**4.6**	**4.6**	NA	Arcadis
	04/05/2019	**9.7**	**10**	NA	Arcadis
	07/10/2019	**4.4**	**4.6**	NA	Arcadis
	10/24/2019	**3.4**	**3.3**	NA	Arcadis
	01/16/2020	**3.8**	**4.1**	NA	Arcadis
	04/13/2020	**4.3**	**4.2**	NA	Arcadis
No. of Samples:	92				
MW-23C	01/24/2003	**1.1**	**0.32**	NA	CH2M
	02/24/2003	**1.2**	**0.25**	NA	CH2M
	06/23/2003	**1.2**	**0.39**	NA	CH2M
	08/08/2003	**1.0**	**0.35**	NA	CH2M
	02/19/2004	**2.4**	ND (0.2)	NA	CH2M
	08/26/2004	**1.65**	**0.332**	NA	CH2M
	02/07/2005	**1.6**	**0.4**	NA	CH2M
	08/17/2005	ND (1.0)	**0.498**	NA	CH2M
	02/16/2006	**4.36**	**0.579**	NA	CH2M
	08/09/2006	ND (1.0)	**0.841**	NA	CH2M
	02/13/2007	**2.08**	**1.94**	NA	CH2M
	08/15/2007	**3.9**	**4.59**	NA	CH2M
	10/16/2007	**5.15**	**4.27**	NA	CH2M
	10/16/2007*	**4.87**	**4.24**	NA	CH2M
	12/07/2007	**7.02**	**6.69**	NA	CH2M
	12/07/2007*	**6.77**	**6.87**	NA	CH2M
	02/12/2008	**8.46**	**7.63**	NA	CH2M
	04/10/2008	**8.95**	**8.5**	NA	CH2M
	06/11/2008	**7.77**	**5.39**	NA	CH2M
	08/05/2008	**7.65**	**8.06**	NA	CH2M
	11/06/2008	**5.92**	**6.78**	NA	CH2M
	02/05/2009	**9.02**	**8.71**	NA	CH2M
	02/05/2009*	**8.76**	**8.59**	NA	CH2M
	05/14/2009	**8.77**	**8.19**	NA	CH2M
	08/05/2009	**11.6**	**10.6**	NA	CH2M
	11/17/2009	**12.1**	**12.3**	NA	CH2M
	02/16/2010	**12.9**	**15.2**	NA	CH2M
	05/11/2010	**16.7**	**18.8**	NA	CH2M
	08/03/2010	**19.8**	**22.2**	NA	CH2M
	10/26/2010	**20.7**	**20.5**	NA	CH2M
	01/25/2011	**19.3**	**21.8**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-23C	05/03/2011	**23.1**	**21.4**	NA	CH2M
	07/29/2011	**20.9**	**20.9**	NA	CH2M
	11/07/2011	**23.3**	**23.8**	NA	CH2M
	01/30/2012	**23.9**	**19**	NA	CH2M
	04/17/2012	**26.2**	**23.4**	NA	CH2M
	07/26/2012	**23.9**	**22.6**	NA	CH2M
	10/11/2012	**22.7**	**20.9**	NA	CH2M
	01/17/2013	**21.5**	**21.5**	NA	CH2M
	01/17/2013*	**22.4**	**21.5**	NA	CH2M
	04/08/2013	**20.8**	**20.7**	NA	CH2M
	07/12/2013	**20.2**	**18.9**	NA	CH2M
	10/14/2013	**17.6**	**19.2**	NA	CH2M
	01/14/2014	**20**	**18.4**	NA	CH2M
	04/11/2014	**17**	**17**	NA	CH2M
	07/25/2014	**17**	**16**	NA	CH2M
	10/14/2014	**15**	**16**	NA	CH2M
	01/15/2015	**14**	**16**	NA	CH2M
	01/15/2015*	**14**	**16**	NA	CH2M
	04/08/2015	**14**	**14**	NA	CH2M
	07/13/2015	**11**	**12**	NA	CH2M
	10/21/2015	**9.4**	**10**	NA	Arcadis
	01/14/2016	**9.5**	**9.0**	NA	Arcadis
	04/11/2016	**7.1**	**7.5**	NA	Arcadis
	04/11/2016*	**7.4**	**7.5**	NA	Arcadis
	07/18/2016	**7.1**	**6.5**	NA	Arcadis
	10/20/2016	**5.5**	**5.6**	NA	Arcadis
	01/05/2017	**4.8**	**5.0**	NA	Arcadis
	04/17/2017	**4.0**	**4.1**	NA	Arcadis
	07/20/2017	**3.4**	**3.4**	NA	Arcadis
	10/17/2017	**2.8**	**2.9**	NA	Arcadis
	01/10/2018	**2.4**	**2.2**	NA	Arcadis
	01/10/2018*	**2.4**	**2.2**	NA	Arcadis
	04/17/2018	**1.9**	**1.9**	NA	Arcadis
	07/12/2018	**1.5**	**1.6**	NA	Arcadis
	10/01/2018	**1.5**	**1.3**	NA	Arcadis
	04/10/2019	ND (1.0)	**0.87**	NA	Arcadis
	10/24/2019	ND (1.0)	**0.64**	NA	Arcadis
	04/13/2020	ND (1.0)	**0.5**	NA	Arcadis
No. of Samples:	69				
MW-2-4	03/07/2001	**73**	NA	NA	ALISTO
	05/25/2001	**170**	**132**	**150**	ALISTO
	09/27/2001	**210**	NA	NA	ALISTO
	12/07/2001	**150**	NA	NA	ALISTO
	02/12/2002	**151**	NA	**136**	CH2M
	05/21/2002	**177**	NA	**156**	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-2-4	08/20/2002	**137**	NA	**144**	CH2M
	11/11/2002	**155**	NA	140 J	CH2M
	02/17/2003	**119**	NA	**133**	CH2M
	08/12/2003	**131**	NA	**129**	CH2M
	02/18/2004	**146**	NA	**136**	CH2M
	08/31/2004	**152**	NA	**129**	CH2M
	02/09/2005	**115**	NA	**121**	CH2M
No. of Samples:	13				
MW-24A1	12/30/2002	**7.1**	**2.7**	NA	CH2M
	02/25/2003	**5.4**	**3.1**	NA	CH2M
No. of Samples:	2				
MW-24A2	12/30/2002	**12.1**	**3.1**	NA	CH2M
	02/25/2003	**6.4**	**3.2**	NA	CH2M
	06/23/2003	**8.2**	**3.7**	NA	CH2M
	08/08/2003	**4.8**	**4.1**	NA	CH2M
	02/19/2004	**9.6**	**3.5**	NA	CH2M
	08/26/2004	**6.85**	**3.16**	NA	CH2M
	02/07/2005	**7.17**	**3.87**	NA	CH2M
	08/17/2005	**4.9**	**4.84**	NA	CH2M
	02/16/2006	**7.73**	**5.62**	NA	CH2M
	08/09/2006	**6.08**	**7.02**	NA	CH2M
	02/13/2007	**6.01**	**6.33**	NA	CH2M
	08/15/2007	**5.0**	**5.5**	NA	CH2M
	08/15/2007*	**4.94**	**5.56**	NA	CH2M
	02/12/2008	**5.46**	**5.05**	NA	CH2M
	08/11/2008	**4.31**	**4.38**	NA	CH2M
	08/05/2009	**4.06**	**3.23**	NA	CH2M
	08/05/2009*	**3.95**	**3.19**	NA	CH2M
	08/03/2010	**2.9**	**2.8**	NA	CH2M
	07/29/2011	**2.8**	**2.3**	NA	CH2M
	12/05/2011	**3.3**	**3.1**	NA	CH2M
	01/30/2012	**3.9**	**3.3**	NA	CH2M
	04/25/2012	**3.3**	**3.1**	NA	CH2M
	07/26/2012	**3.2**	**2.8**	NA	CH2M
	10/11/2012	**3.1**	**3.0**	NA	CH2M
	10/11/2012*	**3.3**	**3.0**	NA	CH2M
	01/17/2013	**3.2**	**3.1**	NA	CH2M
	04/08/2013	**3.0**	**2.7**	NA	CH2M
	07/12/2013	**2.8**	**2.5**	NA	CH2M
	10/14/2013	**3.0**	**3.1**	NA	CH2M
	01/14/2014	**3.2**	**2.8**	NA	CH2M
	07/25/2014	**4.0**	**2.8**	NA	CH2M
	07/25/2014*	**3.9**	**2.8**	NA	CH2M
	07/22/2015	**3.2**	**3.7**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	33				
MW-24B	12/30/2002	**15**	**5.7**	NA	CH2M
	02/25/2003	**9.1**	**6.3**	NA	CH2M
	06/24/2003	**7.5**	**4.5**	NA	CH2M
	08/13/2003	**5.3**	**3.9**	NA	CH2M
	10/30/2003	**10.2**	**3.9**	NA	CH2M
	12/01/2003	14.6 J	**4.7**	NA	CH2M
	02/16/2004	**10.3**	**7.3**	NA	CH2M
	04/28/2004	**8.8**	**7.5**	NA	CH2M
	06/14/2004	**8.5**	**7.7**	NA	CH2M
	08/24/2004	**12.7**	**10.3**	NA	CH2M
	10/14/2004	**11.8**	**10.8**	NA	CH2M
	12/07/2004	**12.4**	**10.6**	NA	CH2M
	02/07/2005	**15.2**	**14.5**	NA	CH2M
	05/04/2005	**13.2**	**14.2**	NA	CH2M
	06/06/2005	**18.2**	**15.9**	NA	CH2M
	08/18/2005	**10.6**	**10.6**	NA	CH2M
	10/12/2005	**18.6**	**13.8**	NA	CH2M
	12/06/2005	**14.9**	**14.7**	NA	CH2M
	02/15/2006	**12.4**	**9.88**	NA	CH2M
	08/09/2006	**5.59**	NA	NA	CH2M
	02/13/2007	**4.04**	**4.58**	NA	CH2M
	08/15/2007	**6.78**	**7.64**	NA	CH2M
	02/12/2008	**7.79**	**8.27**	NA	CH2M
	08/06/2008	**7.69**	**8.37**	NA	CH2M
	08/05/2009	**6.64**	**7.15**	NA	CH2M
	08/03/2010	**6.0**	**6.1**	NA	CH2M
	07/29/2011	**5.4**	**5.2**	NA	CH2M
	12/12/2011	**5.2**	**5.6**	NA	CH2M
	01/30/2012	**5.2**	**4.9**	NA	CH2M
	04/25/2012	**5.3**	**5.3**	NA	CH2M
	07/26/2012	**5.6**	**5.3**	NA	CH2M
	10/11/2012	**6.4**	**5.8**	NA	CH2M
	01/17/2013	**5.9**	**5.8**	NA	CH2M
	04/08/2013	**5.3**	**5.3**	NA	CH2M
	07/12/2013	**5.5**	**5.2**	NA	CH2M
	10/14/2013	**5.2**	**5.6**	NA	CH2M
	10/14/2013*	**5.2**	**5.6**	NA	CH2M
	01/14/2014	**6.3**	**5.5**	NA	CH2M
	07/25/2014	**6.6**	**6.2**	NA	CH2M
	07/22/2015	**5.4**	**6.0**	NA	CH2M
	07/22/2015*	**5.4**	**6.0**	NA	CH2M
No. of Samples:	41				
MW-2-5	03/07/2001	ND (20)	NA	NA	ALISTO

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-2-5	05/25/2001	ND (2.5)	ND (0.2)	ND (10)	ALISTO
	09/27/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/07/2001	1.3 J	ND (0.2)	ND (10)	ALISTO
	02/07/2002	ND (1.0)	ND (0.2)	NA	CH2M
	05/23/2002	ND (1.0)	ND (0.2)	NA	CH2M
	08/21/2002	**1.5**	ND (0.2)	NA	CH2M
	11/12/2002	ND (1.0)	ND (0.2)	NA	CH2M
	02/18/2003	**1.5**	ND (0.2)	NA	CH2M
	08/18/2003	**1.0**	ND (0.2)	NA	CH2M
	02/20/2004	**2.4**	ND (0.2 J)	NA	CH2M
	08/30/2004	**2.27**	ND (0.2)	NA	CH2M
	02/11/2005	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	13				
MW-25A2	01/27/2003	**5.9**	**4.7**	NA	CH2M
	02/26/2003	**9.9**	**6.5**	NA	CH2M
	08/30/2004	**12.5**	**8.55**	NA	CH2M
No. of Samples:	3				
MW-25B	01/27/2003	**3.1**	**2.4**	NA	CH2M
	02/26/2003	**6.1**	**3.3**	NA	CH2M
	08/30/2004	**7.97**	**3.86**	NA	CH2M
	10/17/2006	**5.8**	**6.63**	NA	CH2M
	12/05/2006	**9.92**	**12.3**	NA	CH2M
No. of Samples:	5				
MW-26	01/27/2003	**3.8**	**3.2**	NA	CH2M
	02/24/2003	**15.2**	**11.1**	NA	CH2M
	08/30/2004	**14.3**	**10.3**	NA	CH2M
No. of Samples:	3				
MW-2-6	03/07/2001	**94**	NA	NA	ALISTO
	05/25/2001	**150**	**61.9**	**70**	ALISTO
	09/26/2001	**150**	NA	NA	ALISTO
	12/07/2001	**130**	NA	NA	ALISTO
	02/07/2002	**206**	NA	**110**	CH2M
	05/20/2002	**93.5**	NA	**114**	CH2M
	08/21/2002	**105**	NA	**92.6**	CH2M
	11/12/2002	**87.5**	NA	**79.2**	CH2M
	02/18/2003	**55.8**	NA	**43**	CH2M
	08/14/2003	**105**	NA	**93**	CH2M
	02/19/2004	**137**	NA	**119**	CH2M
	08/30/2004	**137**	NA	**124**	CH2M
	02/10/2005	**140**	NA	**136**	CH2M
	04/14/2008	**265**	**64**	NA	Arcadis
No. of Samples:	14				
MW-27A	06/19/2003	**5.8**	**4.5**	NA	CH2M
	08/06/2003	**23.5**	**23.3**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-27A	08/06/2003*	**24.1**	**23.3**	NA	CH2M
	10/28/2003	**25**	**23.3**	NA	CH2M
	12/01/2003	35.4 J	**23.9**	NA	CH2M
	02/20/2004	**25**	**24.5**	NA	CH2M
	04/27/2004	**21.8**	**22.5**	NA	CH2M
	06/15/2004	**21.3**	**22.9**	NA	CH2M
	08/26/2004	**25**	**22.3**	NA	CH2M
	10/12/2004	**20.5**	**22.6**	NA	CH2M
	12/08/2004	**24.2**	**22.9**	NA	CH2M
	02/11/2005	**25.9**	**22**	NA	CH2M
	04/14/2005	**22.9**	**23.5**	NA	CH2M
	06/06/2005	**23**	**22.4**	NA	CH2M
	08/19/2005	**22.3**	**22.6**	NA	CH2M
	10/11/2005	**28**	**21.8**	NA	CH2M
	12/07/2005	**19**	**18.2**	NA	CH2M
	02/15/2006	**23.9**	**22**	NA	CH2M
	03/22/2006	**24.3**	**22.8**	NA	CH2M
	08/11/2006	**19.4**	**22.1**	NA	CH2M
	02/21/2007	**19.6**	**20.3**	NA	CH2M
	08/20/2007	**18.7**	**20.8**	NA	CH2M
	02/18/2008	**17.2**	**20.3**	NA	CH2M
	02/18/2008*	**17.2**	**20.3**	NA	CH2M
	08/12/2008	**18.8**	**18**	NA	CH2M
	11/04/2008	**14.6**	**16.4**	NA	CH2M
	02/05/2009	**19.7**	**18.3**	NA	CH2M
	08/06/2009	**17.7**	**17**	NA	CH2M
	02/17/2010	**14.8**	**16.8**	NA	CH2M
	08/06/2010	**14.8**	**17**	NA	CH2M
	01/27/2011	**15.7**	**16.3**	NA	CH2M
	07/29/2011	**15.8**	**15.8**	NA	CH2M
	07/29/2011*	**15.4**	**16.1**	NA	CH2M
	01/30/2012	**16**	**13.4**	NA	CH2M
	07/24/2012	**13.4**	**14**	NA	CH2M
	01/18/2013	**12.4**	**12.8**	NA	CH2M
	07/17/2013	**11.4**	**10.3**	NA	CH2M
	01/14/2014	**12.6**	**11.9**	NA	CH2M
	07/23/2014	**11**	**12**	NA	CH2M
	01/07/2015	**9.2**	**11**	NA	CH2M
	07/14/2015	**10**	**12**	NA	CH2M
	10/19/2015	**11**	**12**	NA	Arcadis
	01/07/2016	**12**	**11**	NA	Arcadis
	07/15/2016	**11**	**12**	NA	Arcadis
	01/05/2017	**10**	**11**	NA	Arcadis
	04/13/2017	**10**	**11**	NA	Arcadis
	07/21/2017	**9.7**	**11**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-27A	10/19/2017	**11**	**12**	NA	Arcadis
	01/25/2018	**10**	**11**	NA	Arcadis
	04/13/2018	**9.7**	**10**	NA	Arcadis
	10/02/2018	**9.6**	**10**	NA	Arcadis
	04/08/2019	**9.5**	**9.8**	NA	Arcadis
	10/22/2019	**9.8**	**10**	NA	Arcadis
	04/15/2020	**11**	**12**	NA	Arcadis
No. of Samples:	54				
MW-27B	06/19/2003	**3.6**	**0.63**	NA	CH2M
	08/06/2003	**10.8**	**8.2**	NA	CH2M
	10/13/2003	**7.0**	**8.8**	NA	CH2M
	08/26/2004	**17.1**	**13**	NA	CH2M
	08/26/2004*	**15.9**	**14.9**	NA	CH2M
	02/08/2005	**20.2**	**14.6**	NA	CH2M
	02/08/2005*	**19.7**	**15.5**	NA	CH2M
	08/19/2005	**11.3**	**10.5**	NA	CH2M
	08/19/2005*	**11.6**	**11**	NA	CH2M
	02/22/2006	**12.3**	**9.66**	NA	CH2M
	02/22/2006*	**12.2**	**9.1**	NA	CH2M
	08/11/2006	**6.55**	**7.83**	NA	CH2M
	08/11/2006*	**7.06**	**7.9**	NA	CH2M
	02/21/2007	**3.44**	**3.49**	NA	CH2M
	02/21/2007*	**3.74**	**3.73**	NA	CH2M
	08/20/2007	**7.55**	**7.95**	NA	CH2M
	08/20/2007*	**8.0**	**8.13**	NA	CH2M
	02/18/2008	**4.85**	**5.45**	NA	CH2M
	08/11/2008	**1.79**	**1.63**	NA	CH2M
	02/05/2009	ND (2.92)	**1.68**	NA	CH2M
	08/11/2009	**2.02**	**1.78**	NA	CH2M
	02/11/2010	**4.27**	**3.51**	NA	CH2M
	08/06/2010	**2.1**	**2.2**	NA	CH2M
	01/28/2011	**6.6**	**6.0**	NA	CH2M
	07/29/2011	**3.9**	**3.4**	NA	CH2M
	01/30/2012	**3.9**	**3.4**	NA	CH2M
	01/30/2012*	**3.6**	**3.4**	NA	CH2M
	07/24/2012	**6.0**	**5.9**	NA	CH2M
	01/18/2013	**4.3**	**4.2**	NA	CH2M
	07/17/2013	**2.7**	**2.1**	NA	CH2M
	07/17/2013*	**2.7**	**2.1**	NA	CH2M
	01/14/2014	**4.4**	**4.0**	NA	CH2M
	07/23/2014	**6.3**	**6.8**	NA	CH2M
	01/07/2015	**5.7**	**6.5**	NA	CH2M
	01/07/2015*	**5.8**	**6.6**	NA	CH2M
	07/14/2015	**5.9**	**6.5**	NA	CH2M
	10/19/2015	**5.5**	**6.2**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-27B	01/07/2016	**8.3**	**7.4**	NA	Arcadis
	07/15/2016	**3.9**	**4.1**	NA	Arcadis
	01/05/2017	**3.9**	**3.9**	NA	Arcadis
	07/21/2017	**3.9**	**4.3**	NA	Arcadis
	10/19/2017	**5.6**	**5.9**	NA	Arcadis
	04/13/2018	**6.2**	**6.2**	NA	Arcadis
	10/02/2018	**3.7**	**3.7**	NA	Arcadis
	04/08/2019	**7.9**	**8.3**	NA	Arcadis
	10/22/2019	**5.7**	**5.9**	NA	Arcadis
	04/15/2020	**5.7**	**5.3**	NA	Arcadis
No. of Samples:	47				
MW-28A	06/20/2003	**2.5**	**0.82**	NA	CH2M
	08/05/2003	**3.4**	**2.5**	NA	CH2M
	08/24/2004	**3.14**	**2.05**	NA	CH2M
	02/08/2005	**5.13**	**2.87**	NA	CH2M
	08/18/2005	**1.87**	**1.82**	NA	CH2M
	02/15/2006	**18.3**	**16**	NA	CH2M
	06/12/2006	**19.9**	**17.5**	NA	CH2M
	08/09/2006	**3.24**	**3.57**	NA	CH2M
	10/17/2006	**1.53**	**1.55**	NA	CH2M
	12/07/2006	**24.3**	**25.7**	NA	CH2M
	02/14/2007	**16.5**	**19.5**	NA	CH2M
	04/13/2007	**8.74**	**8.16**	NA	CH2M
	06/18/2007	**12.3**	**11.8**	NA	CH2M
	08/16/2007	**4.18**	**4.27**	NA	CH2M
	10/16/2007	**14.3**	**15**	NA	CH2M
	12/10/2007	**24.9**	**22.5**	NA	CH2M
	02/12/2008	**13.8**	**12.6**	NA	CH2M
	04/10/2008	**19.7**	**19.9**	NA	CH2M
	06/11/2008	**15.2**	**12.5**	NA	CH2M
	08/12/2008	**5.94**	**7.14**	NA	CH2M
	11/04/2008	**1.2**	**1.12**	NA	CH2M
	02/03/2009	**35**	**38.2**	NA	CH2M
	03/05/2009	**35.9**	**44.4**	NA	CH2M
	05/13/2009	**31.9**	**32.9**	NA	CH2M
	08/10/2009	**14.9**	**14.1**	NA	CH2M
	11/17/2009	**12.3**	**11.8**	NA	CH2M
	02/10/2010	**14.9**	**15.1**	NA	CH2M
	05/11/2010	**6.5**	**6.5**	NA	CH2M
	08/03/2010	**4.0**	**4.4**	NA	CH2M
	10/26/2010	**3.8**	**3.0**	NA	CH2M
	01/25/2011	**21.9**	**23.8**	NA	CH2M
	05/03/2011	**15.9**	**14.4**	NA	CH2M
	08/03/2011	**4.1**	**3.2**	NA	CH2M
	11/02/2011	**5.4**	**4.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-28A	01/30/2012	**29.2**	**27.3**	NA	CH2M
	04/25/2012	**10.8**	**9.3**	NA	CH2M
	07/24/2012	**3.9**	**3.4**	NA	CH2M
	10/11/2012	**3.3**	**2.8**	NA	CH2M
	01/16/2013	**3.6**	**3.1**	NA	CH2M
	04/11/2013	**20.9**	**20.5**	NA	CH2M
	04/11/2013*	**21.2**	**20.6**	NA	CH2M
	01/15/2014	**23.5**	**17.5**	NA	CH2M
	04/11/2014	**23**	**23**	NA	CH2M
	04/07/2015	**18**	**18**	NA	CH2M
	04/07/2015*	**18**	**18**	NA	CH2M
	01/06/2016	**16**	**15**	NA	Arcadis
No. of Samples:	46				
MW-28B	06/19/2003	**25.3**	**37.5**	NA	CH2M
	06/19/2003*	**36.5**	**38**	NA	CH2M
	08/05/2003	**37.1**	**35.5**	NA	CH2M
	10/28/2003	**29**	**28.7**	NA	CH2M
	12/03/2003	**30.5**	**30.7**	NA	CH2M
	02/16/2004	**40**	**35.1**	NA	CH2M
	04/26/2004	**31.1**	**37.9**	NA	CH2M
	04/26/2004*	**31**	**37.6**	NA	CH2M
	06/16/2004	**46.6**	**47.2**	NA	CH2M
	08/24/2004	**56.6**	**50.2**	NA	CH2M
	10/13/2004	**48.4**	**54.5**	NA	CH2M
	10/13/2004*	**45.9**	**53.5**	NA	CH2M
	12/07/2004	**55.2**	**54.3**	NA	CH2M
	12/07/2004*	**55.3**	**55**	NA	CH2M
	02/08/2005	**55.7**	**50.3**	NA	CH2M
	04/14/2005	**49.8**	NA	**49.1**	CH2M
	04/14/2005*	**50.7**	NA	**49.1**	CH2M
	06/07/2005	**47.9**	NA	**48**	CH2M
	06/07/2005*	**49.1**	NA	**46.9**	CH2M
	08/16/2005	**50.1**	NA	**50.1**	CH2M
	10/13/2005	**49.4**	NA	**48**	CH2M
	10/13/2005*	**50.9**	NA	**49.1**	CH2M
	12/07/2005	**54.5**	NA	**49.7**	CH2M
	02/15/2006	**51.1**	NA	**48.7**	CH2M
	04/18/2006	**52.1**	NA	**57.1**	CH2M
	06/12/2006	**56.3**	NA	**50.8**	CH2M
	08/09/2006	**47**	NA	**58.2**	CH2M
	10/17/2006	**46.9**	NA	**54.7**	CH2M
	12/05/2006	**49.6**	NA	**55.8**	CH2M
	02/23/2007	**52.4**	**59.7**	NA	CH2M
	04/13/2007	**61.6**	**56.2**	NA	CH2M
	06/18/2007	**48.1**	NA	**52**	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-28B	08/16/2007	**52.2**	NA	**57.1**	CH2M
	10/16/2007	**56.6**	NA	**64**	CH2M
	12/10/2007	**56.8**	NA	**51.8**	CH2M
	02/12/2008	**51.1**	NA	**52.5**	CH2M
	04/10/2008	**50.6**	NA	**43.1**	CH2M
	06/11/2008	**51.5**	NA	**59.3**	CH2M
	08/13/2008	**52.3**	**49.7**	NA	CH2M
	11/06/2008	**48**	**49.4**	NA	CH2M
	02/03/2009	**42.4**	**47.9**	NA	CH2M
	05/13/2009	**44.4**	**47.6**	NA	CH2M
	08/10/2009	**48**	**53**	NA	CH2M
	11/17/2009	**49.5**	**53.4**	NA	CH2M
	02/10/2010	**41.8**	**45.2**	NA	CH2M
	05/11/2010	**50.5**	**46.9**	NA	CH2M
	08/03/2010	**49**	**54.3**	NA	CH2M
	10/26/2010	**46.3**	**48.9**	NA	CH2M
	01/25/2011	**44.6**	**49.5**	NA	CH2M
	01/25/2011*	**46.3**	**50.9**	NA	CH2M
	05/03/2011	**54**	**48.5**	NA	CH2M
	08/03/2011	**51**	**47.8**	NA	CH2M
	11/03/2011	**44.5**	**43.6**	NA	CH2M
	01/30/2012	**45.3**	**43.8**	NA	CH2M
	04/25/2012	**41.7**	**40.4**	NA	CH2M
	07/24/2012	**34.5**	**35.6**	NA	CH2M
	10/11/2012	**37.1**	**36.2**	NA	CH2M
	01/16/2013	**37.3**	**35.5**	NA	CH2M
	04/11/2013	**34.2**	**34.1**	NA	CH2M
	07/11/2013	**33.2**	**30.7**	NA	CH2M
	10/09/2013	**25**	**28**	NA	CH2M
	01/15/2014	**25.3**	**23.9**	NA	CH2M
	04/11/2014	**22**	**24**	NA	CH2M
	07/25/2014	**15**	**14**	NA	CH2M
	10/14/2014	**10**	**10**	NA	CH2M
	01/15/2015	**9.5**	**11**	NA	CH2M
	04/09/2015	**12**	**12**	NA	CH2M
	07/22/2015	**8.5**	**9.1**	NA	CH2M
	10/19/2015	**9.1**	**10**	NA	Arcadis
	01/07/2016	**9.4**	**8.2**	NA	Arcadis
	01/07/2016*	**9.4**	**8.1**	NA	Arcadis
	04/11/2016	**5.8**	**6.2**	NA	Arcadis
	07/18/2016	**6.2**	**6.2**	NA	Arcadis
	01/05/2017	**5.9**	**6.1**	NA	Arcadis
	07/19/2017	**3.1**	**3.6**	NA	Arcadis
	10/17/2017	**3.1**	**2.9**	NA	Arcadis
	04/12/2018	**2.6**	**2.8**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-28B	10/08/2018	**2.9**	**2.9**	NA	Arcadis
	04/10/2019	**5.6**	**5.7**	NA	Arcadis
	06/06/2019	**4.7**	**4.8**	NA	Arcadis
	10/18/2019	**2.2**	**2.0**	NA	Arcadis
	04/13/2020	**4.0**	**4.1**	NA	Arcadis
No. of Samples:	82				
MW-28C	02/04/2011	**5.1**	**5.3**	NA	CH2M
	05/03/2011	**3.7**	**2.7**	NA	CH2M
	06/01/2011	**3.7**	**3.2**	NA	CH2M
	08/03/2011	**8.7**	**7.8**	NA	CH2M
	11/02/2011	**10.8**	**11.2**	NA	CH2M
	01/30/2012	**10.1**	**9.4**	NA	CH2M
	04/25/2012	**12.2**	**11.3**	NA	CH2M
	07/24/2012	**11.2**	**10**	NA	CH2M
	10/11/2012	**9.4**	**8.3**	NA	CH2M
	01/16/2013	**8.4**	**8.1**	NA	CH2M
	04/11/2013	**8.0**	**7.4**	NA	CH2M
	07/11/2013	**6.2**	**5.7**	NA	CH2M
	10/09/2013	**4.5**	**4.5**	NA	CH2M
	01/15/2014	**4.9**	**4.2**	NA	CH2M
	01/15/2014*	**5.0**	**4.3**	NA	CH2M
	04/11/2014	**4.9**	**4.8**	NA	CH2M
	07/25/2014	**3.6**	**2.6**	NA	CH2M
	10/14/2014	**2.7**	**2.7**	NA	CH2M
	01/15/2015	**2.7**	**2.6**	NA	CH2M
	04/09/2015	**4.7**	**4.4**	NA	CH2M
	07/22/2015	**2.7**	**3.0**	NA	CH2M
	10/21/2015	**2.8**	**2.9**	NA	Arcadis
	01/06/2016	**3.4**	**2.6**	NA	Arcadis
	04/11/2016	**3.2**	**3.0**	NA	Arcadis
	07/18/2016	**2.4**	**2.2**	NA	Arcadis
	07/18/2016*	**2.5**	**2.2**	NA	Arcadis
	10/20/2016	**2.3**	**1.8**	NA	Arcadis
	04/12/2017	**2.1**	**2.1**	NA	Arcadis
	10/17/2017	**1.4**	**1.2**	NA	Arcadis
	04/12/2018	**1.2**	**0.92**	NA	Arcadis
	10/08/2018	ND (1.0)	**0.7**	NA	Arcadis
	04/10/2019	ND (1.0)	**0.58**	NA	Arcadis
	10/18/2019	ND (1.0)	**0.52**	NA	Arcadis
	04/13/2020	ND (1.0)	**0.4**	NA	Arcadis
No. of Samples:	34				
MW-29	06/20/2003	**2.0**	ND (0.2)	NA	CH2M
	08/07/2003	**2.4**	**0.9**	NA	CH2M
	07/14/2004	**5.2**	**4.7**	NA	CH2M

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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-29	08/31/2004	**8.18**	**5.12**	NA	CH2M
	02/04/2005	**13**	**12.3**	NA	CH2M
	04/12/2005	**15.4**	**15**	NA	CH2M
	06/08/2005	**16.8**	**13.9**	NA	CH2M
	08/17/2005	**13**	**13.2**	NA	CH2M
	10/11/2005	**12.2**	**14.4**	NA	CH2M
	12/07/2005	**17.7**	**16**	NA	CH2M
	02/14/2006	**19**	**19.4**	NA	CH2M
	04/18/2006	**21.1**	**18**	NA	CH2M
	06/13/2006	**15**	**18.1**	NA	CH2M
	06/13/2006*	**14.9**	**16.7**	NA	CH2M
	08/14/2006	**14.1**	**14.1**	NA	CH2M
	10/18/2006	**15.9**	**18.1**	NA	CH2M
	12/04/2006	**16.2**	**20**	NA	CH2M
	02/14/2007	**18.8**	**20.5**	NA	CH2M
	04/12/2007	**23.3**	**21.2**	NA	CH2M
	06/18/2007	**19.8**	**21.2**	NA	CH2M
	08/16/2007	**21.2**	**20**	NA	CH2M
	10/17/2007	**23.1**	**21.9**	NA	CH2M
	12/10/2007	**22.9**	**22.5**	NA	CH2M
	02/13/2008	**27**	**23.9**	NA	CH2M
	04/10/2008	**23.4**	**24.9**	NA	CH2M
	06/11/2008	**26.1**	**25.2**	NA	CH2M
	08/07/2008	**18.3**	**17.4**	NA	CH2M
	08/07/2008*	**19.6**	**18.7**	NA	CH2M
	11/06/2008	**10.8**	**10.6**	NA	CH2M
	02/04/2009	**22.9**	**25.8**	NA	CH2M
	05/14/2009	**24.2**	**24.3**	NA	CH2M
	08/11/2009	**20**	**16.3**	NA	CH2M
	11/11/2009	**22.2**	**20.2**	NA	CH2M
	11/11/2009*	**21.4**	**20.2**	NA	CH2M
	02/09/2010	**21.9**	**23.2**	NA	CH2M
	02/09/2010*	**22.7**	**24**	NA	CH2M
	05/12/2010	**24.4**	**24.9**	NA	CH2M
	08/19/2010	**18.8**	**19.4**	NA	CH2M
	10/27/2010	**12.3**	**11.8**	NA	CH2M
	01/26/2011	**19.1**	**19.4**	NA	CH2M
	05/05/2011	**13.5**	**12.1**	NA	CH2M
	07/28/2011	**2.6**	**2.2**	NA	CH2M
	11/02/2011	**2.2**	**1.6**	NA	CH2M
	11/02/2011*	**2.2**	**1.7**	NA	CH2M
	01/12/2012	**4.0**	**2.2**	NA	CH2M
	04/09/2012	**2.1**	**1.5**	NA	CH2M
	07/23/2012	**1.7**	**1.1**	NA	CH2M
	07/23/2012*	**1.7**	**1.0**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-29	10/17/2012	**1.4**	**1.6**	NA	CH2M
	01/22/2013	**1.7**	**1.5**	NA	CH2M
	01/22/2013*	**1.7**	**1.5**	NA	CH2M
	04/16/2013	**1.6**	**1.2**	NA	CH2M
	07/30/2013	**1.7**	**0.86**	NA	CH2M
	10/15/2013	**2.0**	**1.9**	NA	CH2M
	01/21/2014	**4.0**	**3.3**	NA	CH2M
	01/21/2014*	**4.0**	**3.3**	NA	CH2M
	04/15/2014	**1.4**	**1.3**	NA	CH2M
	04/15/2014*	**1.3**	**1.2**	NA	CH2M
	07/21/2014	**1.5**	**1.1**	NA	CH2M
	10/14/2014	**2.1**	**2.3**	NA	CH2M
	01/19/2015	**2.9**	**3.1**	NA	CH2M
	04/08/2015	**3.6**	**3.4**	NA	CH2M
	07/22/2015	**4.9**	**5.2**	NA	CH2M
	10/19/2015	**4.9**	**5.8**	NA	Arcadis
	01/12/2016	**5.1**	**4.8**	NA	Arcadis
	04/11/2016	**5.7**	**5.2**	NA	Arcadis
	07/13/2016	**6.1**	**6.1**	NA	Arcadis
	07/13/2016*	**6.1**	**6.1**	NA	Arcadis
	01/05/2017	**5.9**	**5.7**	NA	Arcadis
	07/14/2017	**3.0**	**3.0**	NA	Arcadis
	10/11/2017	**2.4**	**2.2**	NA	Arcadis
	04/11/2018	**1.9**	**1.8**	NA	Arcadis
	10/12/2018	**1.6**	**1.3**	NA	Arcadis
	04/10/2019	**1.6**	**1.2**	NA	Arcadis
	10/16/2019	**1.7**	**1.1**	NA	Arcadis
	04/14/2020	**1.7**	**0.95**	NA	Arcadis
No. of Samples:	76				
MW-30A	04/08/2004	**6.4**	**6.2**	NA	CH2M
	04/28/2004	**7.4**	**6.3**	NA	CH2M
	07/14/2004	**6.7**	**6.0**	NA	CH2M
	08/31/2004	**8.59**	**4.76**	NA	CH2M
	02/04/2005	**6.55**	**6.08**	NA	CH2M
	08/18/2005	**5.61**	**5.78**	NA	CH2M
	02/15/2006	**7.66**	**5.21**	NA	CH2M
	08/15/2006	**5.52**	**5.5**	NA	CH2M
	02/14/2007	**4.5**	**5.22**	NA	CH2M
	08/16/2007	**4.92**	**5.1**	NA	CH2M
	02/13/2008	**5.25**	**4.88**	NA	CH2M
	08/06/2008	**4.47**	**4.87**	NA	CH2M
No. of Samples:	12				
MW-30B1	06/20/2003	**88**	**93.5**	NA	CH2M
	10/13/2003	**88.9**	**96.8**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-30B1	07/14/2004	**86.6**	**86.9**	NA	CH2M
	08/30/2004	**68.4**	**80**	NA	CH2M
	10/13/2004	**59.1**	**66.6**	NA	CH2M
	02/03/2005	**49.8**	**50**	NA	CH2M
	04/12/2005	**43.2**	NA	**45**	CH2M
	08/16/2005	**7.35**	**6.02**	NA	CH2M
	10/11/2005	**4.4**	NA	ND (10)	CH2M
	02/14/2006	**8.69**	**5.64**	NA	CH2M
	04/18/2006	**8.86**	**4.99**	NA	CH2M
	08/14/2006	**5.14**	**5.38**	NA	CH2M
	12/04/2006	**5.92**	**6.77**	NA	CH2M
	02/14/2007	**6.73**	**6.85**	NA	CH2M
	04/09/2007	**5.57**	**4.59**	NA	CH2M
	08/15/2007	**5.12**	**4.74**	NA	CH2M
	10/16/2007	**4.76**	**5.23**	NA	CH2M
	12/07/2007	**5.55**	**5.48**	NA	CH2M
	02/13/2008	**5.45**	**5.28**	NA	CH2M
	04/09/2008	**5.57**	**5.2**	NA	CH2M
	08/07/2008	**4.52**	**4.7**	NA	CH2M
	11/05/2008	**4.31**	**4.86**	NA	CH2M
	02/04/2009	**5.08**	**5.02**	NA	CH2M
	05/14/2009	**4.45**	**4.3**	NA	CH2M
	08/10/2009	**4.61**	**4.52**	NA	CH2M
	11/10/2009	**4.47**	**4.7**	NA	CH2M
	02/10/2010	**4.34**	**4.05**	NA	CH2M
	05/12/2010	**3.6**	**4.2**	NA	CH2M
	08/19/2010	**5.2**	**5.1**	NA	CH2M
	10/27/2010	**6.8**	**4.5**	NA	CH2M
	01/26/2011	**4.3**	**4.1**	NA	CH2M
	05/05/2011	**4.9**	**4.6**	NA	CH2M
	07/28/2011	**7.7**	**7.4**	NA	CH2M
	09/12/2011	**7.6**	**7.2**	NA	CH2M
	09/12/2011*	**6.9**	**7.1**	NA	CH2M
	11/01/2011	**6.4**	**5.9**	NA	CH2M
	01/12/2012	**7.0**	**6.2**	NA	CH2M
	01/12/2012*	**7.0**	**6.3**	NA	CH2M
	04/09/2012	**5.6**	**5.4**	NA	CH2M
	07/23/2012	**4.2**	**3.9**	NA	CH2M
	10/17/2012	**4.1**	**4.2**	NA	CH2M
	01/22/2013	**4.1**	**4.2**	NA	CH2M
	04/15/2013	**4.2**	**4.0**	NA	CH2M
	07/30/2013	**5.5**	**4.9**	NA	CH2M
	10/15/2013	**5.2**	**4.6**	NA	CH2M
	01/21/2014	**3.8**	**3.6**	NA	CH2M
	04/14/2014	**3.2**	**3.3**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-30B1	04/14/2014*	**3.7**	**3.3**	NA	CH2M
	07/17/2014	**3.5**	**3.0**	NA	CH2M
	10/10/2014	**2.6**	**2.9**	NA	CH2M
	01/20/2015	**3.6**	**3.9**	NA	CH2M
	04/08/2015	**4.0**	**3.8**	NA	CH2M
	07/21/2015	**3.3**	**3.7**	NA	CH2M
	10/14/2015	**3.6**	**4.0**	NA	Arcadis
	01/09/2018	**30**	**31**	NA	Arcadis
No. of Samples:	55				
MW-30B2	07/14/2003	**155**	**162**	NA	CH2M
	07/14/2003*	**165**	**163**	NA	CH2M
	10/29/2003	**37.2**	**34**	NA	CH2M
	10/29/2003*	**35.6**	**33.2**	NA	CH2M
	12/02/2003	72.7 J	**79**	NA	CH2M
	01/27/2004	**47.1**	**54**	NA	CH2M
	02/20/2004	**50**	**54.7**	NA	CH2M
	04/27/2004	**43.1**	**46.6**	NA	CH2M
	04/27/2004*	**41.9**	**46.2**	NA	CH2M
	06/14/2004	**50.8**	**56.6**	NA	CH2M
	06/14/2004*	**55.5**	**58.3**	NA	CH2M
	07/13/2004	**76.1**	**63.3**	NA	CH2M
	08/24/2004	**177**	**131**	NA	CH2M
	10/11/2004	**180**	**174**	NA	CH2M
	10/11/2004*	**174**	**192**	NA	CH2M
	12/06/2004	**168**	**182**	NA	CH2M
	12/06/2004*	**169**	**170**	NA	CH2M
	02/03/2005	**82.5**	**89.4**	NA	CH2M
	04/12/2005	**39.2**	NA	**39.7**	CH2M
	06/07/2005	**50.2**	NA	**49.1**	CH2M
	08/16/2005	**21.8**	**22.5**	NA	CH2M
	10/11/2005	**5.65**	NA	ND (10)	CH2M
	12/08/2005	**29.6**	**32.1**	NA	CH2M
	02/14/2006	**14.4**	**11.2**	NA	CH2M
	04/18/2006	**33.6**	**10.4**	NA	CH2M
	06/12/2006	**27**	**20.7**	NA	CH2M
	08/14/2006	**29.9**	**34.2**	NA	CH2M
	10/18/2006	**21.4**	NA	**20.4**	CH2M
	12/04/2006	**11.6**	NA	**13.3**	CH2M
	02/14/2007	**27**	**25.2**	NA	CH2M
	04/19/2007	**8.87**	**8.14**	NA	CH2M
	06/20/2007	**10.2**	**10.9**	NA	CH2M
	08/15/2007	**13.8**	**13.5**	NA	CH2M
	10/16/2007	**18.3**	**19.4**	NA	CH2M
	12/07/2007	**10.4**	**12.8**	NA	CH2M
	02/13/2008	**7.21**	**7.42**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-30B2	04/09/2008	**9.37**	**8.84**	NA	CH2M
	06/10/2008	**10.3**	**12.6**	NA	CH2M
	08/07/2008	**9.19**	**9.37**	NA	CH2M
	11/05/2008	**6.36**	**7.38**	NA	CH2M
	02/04/2009	**20**	**20.4**	NA	CH2M
	03/05/2009	**6.7**	**7.84**	NA	CH2M
	05/14/2009	**6.42**	**6.82**	NA	CH2M
	08/10/2009	**7.06**	**6.99**	NA	CH2M
	08/10/2009*	**6.35**	**7.22**	NA	CH2M
	11/10/2009	**6.56**	**7.01**	NA	CH2M
	02/10/2010	**5.77**	**5.98**	NA	CH2M
	05/12/2010	**5.7**	**6.2**	NA	CH2M
	05/12/2010*	**5.3**	**5.6**	NA	CH2M
	08/19/2010	**5.3**	**5.9**	NA	CH2M
	08/19/2010*	**5.6**	**6.0**	NA	CH2M
	10/27/2010	**6.7**	**6.4**	NA	CH2M
	10/27/2010*	**6.5**	**6.6**	NA	CH2M
	01/26/2011	**7.2**	**7.3**	NA	CH2M
	01/26/2011*	**7.4**	**7.7**	NA	CH2M
	05/05/2011	**6.4**	**5.4**	NA	CH2M
	07/28/2011	**5.2**	**4.8**	NA	CH2M
	11/01/2011	**5.1**	**4.4**	NA	CH2M
	01/12/2012	**5.5**	**5.3**	NA	CH2M
	04/09/2012	**5.0**	**4.8**	NA	CH2M
	07/23/2012	**9.9**	**9.5**	NA	CH2M
	10/17/2012	**4.6**	**4.5**	NA	CH2M
	01/22/2013	**4.1**	**4.4**	NA	CH2M
	04/15/2013	**4.6**	**4.6**	NA	CH2M
	07/30/2013	**5.9**	**5.6**	NA	CH2M
	10/15/2013	**11.1**	**10.2**	NA	CH2M
	01/21/2014	**9.8**	**10.3**	NA	CH2M
	04/14/2014	**11**	**11**	NA	CH2M
	07/17/2014	**13**	**12**	NA	CH2M
	10/10/2014	**11**	**13**	NA	CH2M
	01/20/2015	**7.7**	**8.6**	NA	CH2M
	04/08/2015	**8.1**	**8.2**	NA	CH2M
	07/21/2015	**7.2**	**8.2**	NA	CH2M
	10/14/2015	**11**	**12**	NA	Arcadis
	10/03/2017	32 J	**51**	NA	Arcadis
	10/03/2017*	43 J	**51**	NA	Arcadis
	11/28/2017	**53**	**50**	NA	Arcadis
	01/09/2018	**40**	**40**	NA	Arcadis
	04/11/2018	**40**	**43**	NA	Arcadis
	07/12/2018	**37**	**40**	NA	Arcadis
	10/18/2018	**32**	**33**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-30B2	01/09/2019	**34**	**32**	NA	Arcadis
	04/04/2019	**37**	**38**	NA	Arcadis
	07/10/2019	**8.6**	**8.4**	NA	Arcadis
	10/16/2019	**18**	**18**	NA	Arcadis
	01/16/2020	**27**	**29**	NA	Arcadis
	04/10/2020	**5.8**	**5.8**	NA	Arcadis
No. of Samples:	87				
MW-31	06/20/2003	**3.3**	**0.43**	NA	CH2M
	07/15/2003	**3.5**	**1.6**	NA	CH2M
	08/08/2003	**3.2**	**1.5**	NA	CH2M
	02/04/2004	ND (10)	NA	NA	CH2M
	04/29/2004	**4.8**	**3.3**	NA	CH2M
	07/14/2004	**7.7**	**7.4**	NA	CH2M
	08/31/2004	**11.4**	**10.2**	NA	CH2M
	10/14/2004	**11.9**	**14.2**	NA	CH2M
	12/07/2004	**17.5**	**16.4**	NA	CH2M
	02/03/2005	**18.6**	**20.1**	NA	CH2M
	02/03/2005*	**19.5**	**20.2**	NA	CH2M
	04/12/2005	**24.4**	**23.1**	NA	CH2M
	04/12/2005*	**24.3**	**23.1**	NA	CH2M
	06/08/2005	**29.2**	**26.8**	NA	CH2M
	06/08/2005*	**28.4**	**26.9**	NA	CH2M
	08/16/2005	**26**	**28.1**	NA	CH2M
	08/16/2005*	**24.8**	**24.3**	NA	CH2M
	10/11/2005	**25.8**	**29.1**	NA	CH2M
	10/11/2005*	**25**	**29.1**	NA	CH2M
	12/09/2005	**31.5**	**32**	NA	CH2M
	12/09/2005*	**28**	**32.1**	NA	CH2M
	02/14/2006	**32.6**	**29.6**	NA	CH2M
	02/14/2006*	**31.4**	**30**	NA	CH2M
	04/18/2006	**27.9**	NA	**24.5**	CH2M
	04/18/2006*	**27.4**	NA	**24.5**	CH2M
	06/13/2006	**23.8**	NA	**28.9**	CH2M
	08/14/2006	**26.6**	**30.3**	NA	CH2M
	10/18/2006	**13.6**	NA	**15.7**	CH2M
	12/04/2006	**26.7**	**32.6**	NA	CH2M
	02/15/2007	**28.3**	**30.6**	NA	CH2M
	04/09/2007	**37.8**	**34.1**	NA	CH2M
	06/18/2007	**22.2**	NA	**24.1**	CH2M
	08/16/2007	**20.2**	**19.3**	NA	CH2M
	10/16/2007	**17.3**	**19.4**	NA	CH2M
	12/07/2007	**17.1**	**17.5**	NA	CH2M
	02/13/2008	**17**	**18**	NA	CH2M
	04/09/2008	**20.5**	**21.1**	NA	CH2M
	04/09/2008*	**20.7**	**21.2**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-31	06/10/2008	**17.8**	**19.7**	NA	CH2M
	08/07/2008	**19.5**	**19.7**	NA	CH2M
	02/04/2009	**18.7**	**18.6**	NA	CH2M
	05/14/2009	**16.2**	**14.9**	NA	CH2M
	08/11/2009	**17.9**	**19.2**	NA	CH2M
	11/11/2009	**15.7**	**16**	NA	CH2M
	02/09/2010	**15.5**	**14.8**	NA	CH2M
	05/12/2010	**15.4**	**14.7**	NA	CH2M
	08/19/2010	**15.7**	**16.3**	NA	CH2M
	10/27/2010	**15.9**	**15.5**	NA	CH2M
	01/26/2011	**16.1**	**15.8**	NA	CH2M
	05/02/2011	**14.6**	**15.7**	NA	CH2M
	07/28/2011	**17.5**	**16.6**	NA	CH2M
	11/01/2011	**17.1**	**16.7**	NA	CH2M
	01/13/2012	**12.2**	**10.4**	NA	CH2M
	04/09/2012	**13.3**	**13.9**	NA	CH2M
	07/23/2012	**11.7**	**11.2**	NA	CH2M
	10/17/2012	**8.6**	**8.7**	NA	CH2M
	10/17/2012*	**8.4**	**8.6**	NA	CH2M
	01/22/2013	**13.3**	**13.8**	NA	CH2M
	04/15/2013	**16.5**	**17.4**	NA	CH2M
	07/30/2013	**5.8**	**5.1**	NA	CH2M
	07/30/2013*	**5.9**	**5.0**	NA	CH2M
	10/15/2013	**4.7**	**4.1**	NA	CH2M
	01/21/2014	**4.3**	**3.8**	NA	CH2M
	04/14/2014	**3.6**	**3.7**	NA	CH2M
	07/17/2014	**3.4**	**3.2**	NA	CH2M
	10/10/2014	**2.5**	**2.7**	NA	CH2M
	01/20/2015	**2.8**	**2.9**	NA	CH2M
	04/07/2015	**8.5**	**8.8**	NA	CH2M
	07/21/2015	**3.5**	**3.8**	NA	CH2M
	10/14/2015	**3.4**	**3.8**	NA	Arcadis
	01/12/2016	**2.3**	**2.5**	NA	Arcadis
	04/08/2016	**2.9**	**2.9**	NA	Arcadis
	07/15/2016	**2.2**	**2.5**	NA	Arcadis
	10/07/2016	**2.2**	**2.1**	NA	Arcadis
	01/04/2017	**2.6**	**2.8**	NA	Arcadis
	04/10/2017	**2.3**	**2.4**	NA	Arcadis
	07/14/2017	**2.4**	**2.3**	NA	Arcadis
	10/10/2017	**2.8**	**2.1**	NA	Arcadis
	01/09/2018	**2.2**	**2.2**	NA	Arcadis
	01/09/2018*	**2.3**	**2.2**	NA	Arcadis
	04/11/2018	**1.9**	**2.0**	NA	Arcadis
	07/11/2018	**2.5**	**1.9**	NA	Arcadis
	10/17/2018	**2.4**	**1.9**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-31	01/09/2019	**2.0**	**1.8**	NA	Arcadis
	04/04/2019	**1.9**	**2.0**	NA	Arcadis
	07/10/2019	**1.9**	**2.1**	NA	Arcadis
	10/11/2019	**1.9**	**1.9**	NA	Arcadis
	01/06/2020	**2.4**	**2.0**	NA	Arcadis
	04/23/2020	**2.6**	**2.1**	NA	Arcadis
No. of Samples:	89				
MW-31C	11/16/2009	**2.03**	**2.08**	NA	CH2M
	02/16/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/06/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/27/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/01/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/01/2011	ND (1.0)	ND (1.0)	NA	CH2M
	11/01/2011*	ND (1.0)	**0.062**	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/12/2012	ND (1.0)	**0.11**	NA	CH2M
	07/17/2012	ND (1.0)	**0.26**	NA	CH2M
	10/01/2012	ND (1.0)	ND (0.25)	NA	CH2M
	01/28/2013	ND (1.0)	**0.51**	NA	CH2M
	01/28/2013*	ND (1.0)	**0.53**	NA	CH2M
	04/09/2013	ND (1.0)	**0.16**	NA	CH2M
	07/15/2013	**1.3**	**0.96**	NA	CH2M
	10/15/2013	ND (1.0)	**0.29**	NA	CH2M
	01/15/2014	**1.6**	**0.85**	NA	CH2M
	04/14/2014	**1.1**	ND (1.2)	NA	CH2M
	07/17/2014	**1.2**	**1.2**	NA	CH2M
	10/10/2014	ND (1.0)	**1.1**	NA	CH2M
	10/10/2014*	ND (1.0)	**1.0**	NA	CH2M
	01/20/2015	ND (1.0)	**0.93**	NA	CH2M
	04/07/2015	**1.2**	**1.2**	NA	CH2M
	07/21/2015	**1.2**	**1.5**	NA	CH2M
	10/14/2015	**1.3**	**1.5**	NA	Arcadis
	10/14/2015*	**1.3**	**1.5**	NA	Arcadis
	01/12/2016	**1.5**	**1.2**	NA	Arcadis
	04/08/2016	**1.8**	**1.5**	NA	Arcadis
	07/15/2016	**1.4**	**1.6**	NA	Arcadis
	10/07/2016	**1.6**	**1.6**	NA	Arcadis
	04/10/2017	**1.7**	**1.6**	NA	Arcadis
	10/10/2017	**1.5**	**1.7**	NA	Arcadis
	04/11/2018	**1.5**	**1.5**	NA	Arcadis
	10/17/2018	**2.1**	**1.6**	NA	Arcadis
	04/04/2019	**1.5**	**1.6**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-31C	10/11/2019	**1.6**	**1.7**	NA	Arcadis
	04/10/2020	**1.7**	**1.7**	NA	Arcadis
No. of Samples:	40				
MW-32B1	07/15/2003	**4.1**	**3.3**	NA	CH2M
	08/05/2003	**4.8**	**3.5**	NA	CH2M
	10/28/2003	**4.1**	**3.8**	NA	CH2M
	12/03/2003	**6.3**	**3.7**	NA	CH2M
	02/17/2004	**5.6**	3.9 J	NA	CH2M
	04/26/2004	**3.8**	**3.9**	NA	CH2M
	06/16/2004	**3.8**	**3.8**	NA	CH2M
	08/24/2004	**4.42**	**3.9**	NA	CH2M
	10/13/2004	**3.26**	**3.82**	NA	CH2M
	12/08/2004	**3.84**	**3.85**	NA	CH2M
	02/03/2005	**4.51**	**4.07**	NA	CH2M
	04/13/2005	**4.42**	**3.94**	NA	CH2M
	06/08/2005	**4.49**	**3.97**	NA	CH2M
	08/16/2005	**4.23**	**3.82**	NA	CH2M
	10/12/2005	**4.73**	**3.91**	NA	CH2M
	12/08/2005	**3.6**	**3.93**	NA	CH2M
	02/14/2006	**4.98**	**3.99**	NA	CH2M
	04/18/2006	**5.08**	**4.06**	NA	CH2M
	06/14/2006	**3.32**	**3.8**	NA	CH2M
	08/15/2006	**3.94**	**4.17**	NA	CH2M
	10/18/2006	**3.89**	**3.99**	NA	CH2M
	12/06/2006	**4.27**	**4.42**	NA	CH2M
	02/15/2007	**3.8**	**4.05**	NA	CH2M
	04/10/2007	**4.61**	**3.98**	NA	CH2M
	06/20/2007	**4.18**	**4.16**	NA	CH2M
	08/22/2007	**5.33**	**4.19**	NA	CH2M
	10/17/2007	**3.67**	**4.3**	NA	CH2M
	12/10/2007	**4.08**	**3.92**	NA	CH2M
	02/13/2008	**3.82**	**4.1**	NA	CH2M
	02/13/2008*	**3.79**	**4.06**	NA	CH2M
	04/09/2008	**3.98**	**4.08**	NA	CH2M
	06/09/2008	**3.94**	**3.97**	NA	CH2M
	08/07/2008	**3.37**	**3.94**	NA	CH2M
	11/06/2008	**2.92**	**3.89**	NA	CH2M
	02/05/2009	**3.8**	**3.94**	NA	CH2M
	05/14/2009	**3.63**	**3.72**	NA	CH2M
	08/10/2009	**3.95**	**3.82**	NA	CH2M
	11/10/2009	**3.59**	**3.73**	NA	CH2M
	02/10/2010	**3.28**	**3.56**	NA	CH2M
	05/12/2010	**3.7**	**4.0**	NA	CH2M
	08/19/2010	**3.4**	**3.9**	NA	CH2M
	10/27/2010	**3.6**	**3.5**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-32B1	01/26/2011	**4.0**	**4.3**	NA	CH2M
	05/02/2011	**3.6**	**3.7**	NA	CH2M
	08/01/2011	**3.4**	**3.8**	NA	CH2M
	11/01/2011	**3.8**	**3.8**	NA	CH2M
	01/16/2012	**3.6**	**3.5**	NA	CH2M
	04/09/2012	**4.6**	**4.8**	NA	CH2M
	07/24/2012	**4.0**	**4.0**	NA	CH2M
	10/17/2012	**4.0**	**4.0**	NA	CH2M
	01/24/2013	**4.2**	**3.9**	NA	CH2M
	04/15/2013	**17.4**	**17.1**	NA	CH2M
	08/01/2013	**4.2**	**4.1**	NA	CH2M
	10/15/2013	**4.3**	**4.7**	NA	CH2M
	01/21/2014	**4.3**	**4.3**	NA	CH2M
	04/16/2014	**17**	**17**	NA	CH2M
	07/23/2014	**4.7**	**5.1**	NA	CH2M
	10/14/2014	**4.7**	**4.9**	NA	CH2M
	01/20/2015	**5.8**	**6.1**	NA	CH2M
	04/07/2015	**5.2**	**5.1**	NA	CH2M
	07/21/2015	**5.2**	**5.4**	NA	CH2M
	10/19/2015	**4.6**	**5.3**	NA	Arcadis
	01/08/2016	**4.7**	**4.7**	NA	Arcadis
	04/08/2016	**4.1**	**4.0**	NA	Arcadis
	07/12/2016	**4.5**	**4.6**	NA	Arcadis
	10/07/2016	**4.2**	**4.6**	NA	Arcadis
	01/18/2017	**4.3**	**4.3**	NA	Arcadis
	04/11/2017	**3.6**	**4.1**	NA	Arcadis
	07/14/2017	**3.8**	**4.0**	NA	Arcadis
	10/18/2017	**3.4**	**3.7**	NA	Arcadis
	01/11/2018	**3.4**	**3.5**	NA	Arcadis
	04/10/2018	**3.6**	**3.9**	NA	Arcadis
	07/11/2018	**3.8**	**4.1**	NA	Arcadis
	10/17/2018	**3.8**	**4.0**	NA	Arcadis
	01/09/2019	**3.8**	**3.6**	NA	Arcadis
	04/05/2019	**3.5**	**3.9**	NA	Arcadis
	07/09/2019	**3.5**	**3.8**	NA	Arcadis
	10/16/2019	**3.5**	**3.4**	NA	Arcadis
	01/06/2020	**3.5**	**3.6**	NA	Arcadis
	04/08/2020	**3.4**	**3.5**	NA	Arcadis
No. of Samples:	80				
MW-32B2	07/15/2003	ND (1.0)	ND (0.2)	NA	CH2M
	08/05/2003	**1.7**	**0.2**	NA	CH2M
	08/24/2004	**1.16**	ND (0.2)	NA	CH2M
	10/13/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/03/2005	ND (1.0)	ND (0.2)	NA	CH2M
	04/13/2005	ND (1.0)	ND (0.2)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-32B2	08/16/2005	ND (1.0)	ND (0.2)	NA	CH2M
	10/12/2005	**1.44**	ND (0.2)	NA	CH2M
	02/14/2006	ND (1.0)	ND (0.2)	NA	CH2M
	04/18/2006	**1.78**	ND (0.2)	NA	CH2M
	08/15/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/06/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	04/10/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/22/2007	**1.74**	ND (0.2)	NA	CH2M
	12/10/2007	**1.2**	ND (0.2)	NA	CH2M
	02/13/2008	ND (1.0)	ND (0.2)	NA	CH2M
	04/09/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2008	ND (1.0)	ND (0.2)	NA	CH2M
	11/06/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/05/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/14/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/10/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/19/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/27/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/02/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	08/01/2011	**1.2**	**1.1**	NA	CH2M
	08/01/2011*	**1.3**	**1.0**	NA	CH2M
	11/01/2011	**2.9**	**2.4**	NA	CH2M
	01/16/2012	**2.7**	**2.7**	NA	CH2M
	04/09/2012	**3.7**	**3.3**	NA	CH2M
	04/09/2012*	**3.6**	**3.3**	NA	CH2M
	07/24/2012	**3.2**	**3.2**	NA	CH2M
	10/17/2012	**4.5**	**4.3**	NA	CH2M
	01/24/2013	**5.9**	**5.2**	NA	CH2M
	04/15/2013	**5.8**	**5.7**	NA	CH2M
	07/31/2013	**5.9**	**5.7**	NA	CH2M
	10/15/2013	**5.6**	**5.9**	NA	CH2M
	10/15/2013*	**5.3**	**5.9**	NA	CH2M
	01/21/2014	**4.8**	**4.7**	NA	CH2M
	04/16/2014	**6.5**	**6.6**	NA	CH2M
	07/23/2014	**7.4**	**7.0**	NA	CH2M
	10/14/2014	**8.0**	**8.5**	NA	CH2M
	01/20/2015	**8.7**	**9.0**	NA	CH2M
	04/07/2015	**8.3**	**8.3**	NA	CH2M
	04/07/2015*	**8.1**	**8.3**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-32B2	07/21/2015	**4.9**	**5.7**	NA	CH2M
	10/19/2015	**6.1**	**6.6**	NA	Arcadis
	03/03/2016	**3.6**	**3.7**	NA	Arcadis
No. of Samples:	54				
MW-32S	10/27/2010	**2.5**	**2.1**	NA	CH2M
	01/13/2011	**2.9**	**2.3**	NA	CH2M
	05/02/2011	**2.6**	**1.6**	NA	CH2M
	08/01/2011	**3.7**	**2.3**	NA	CH2M
	11/01/2011	**3.5**	**3.7**	NA	CH2M
	02/01/2012	**3.6**	**3.2**	NA	CH2M
	04/25/2012	**4.2**	**3.2**	NA	CH2M
	04/25/2012*	**4.0**	**3.2**	NA	CH2M
	07/24/2012	**4.0**	**3.1**	NA	CH2M
	10/10/2012	**4.6**	**3.4**	NA	CH2M
	10/10/2012*	**4.9**	**3.4**	NA	CH2M
	01/17/2013	**3.8**	**3.2**	NA	CH2M
	04/09/2013	**5.2**	**4.9**	NA	CH2M
	07/15/2013	**4.4**	**3.2**	NA	CH2M
	10/15/2013	**3.2**	**3.0**	NA	CH2M
	01/15/2014	**4.0**	**3.0**	NA	CH2M
	04/16/2014	**3.4**	**3.5**	NA	CH2M
	07/23/2014	**3.8**	**3.4**	NA	CH2M
	07/23/2014*	**3.7**	**3.4**	NA	CH2M
	10/14/2014	**3.9**	**3.3**	NA	CH2M
	01/20/2015	**4.1**	**2.9**	NA	CH2M
	04/07/2015	**3.4**	**2.9**	NA	CH2M
	07/21/2015	**3.3**	**3.4**	NA	CH2M
	10/19/2015	**3.3**	**3.1**	NA	Arcadis
	01/08/2016	**4.1**	**3.3**	NA	Arcadis
	04/08/2016	**5.7**	**3.6**	NA	Arcadis
	05/04/2016	**3.6**	**3.7**	NA	Arcadis
	07/12/2016	**4.0**	**3.7**	NA	Arcadis
	10/07/2016	**3.4**	**3.0**	NA	Arcadis
	01/04/2017	**3.2**	**2.8**	NA	Arcadis
	04/11/2017	**4.0**	**3.4**	NA	Arcadis
	07/14/2017	**3.2**	**2.8**	NA	Arcadis
	10/18/2017	**2.6**	**2.7**	NA	Arcadis
	01/11/2018	**3.2**	**2.3**	NA	Arcadis
	04/10/2018	**2.3**	**1.9**	NA	Arcadis
	07/11/2018	**2.8**	**2.1**	NA	Arcadis
	10/17/2018	**3.5**	**2.3**	NA	Arcadis
	01/09/2019	**4.2**	**1.6**	NA	Arcadis
	04/11/2019	**3.8**	**1.3**	NA	Arcadis
	06/06/2019	**2.5**	**1.1**	NA	Arcadis
	07/09/2019	**2.1**	**1.2**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-32S	07/09/2019*	**2.0**	**1.2**	NA	Arcadis
	10/16/2019	**2.7**	**0.87**	NA	Arcadis
	01/06/2020	**4.5**	**0.98**	NA	Arcadis
	03/04/2020	**3.0**	**0.9**	NA	Arcadis
	04/08/2020	**2.0**	**1.0**	NA	Arcadis
No. of Samples:	46				
MW-33A	07/14/2003	**4.1**	**1.6**	NA	CH2M
	08/06/2003	**4.4**	**1.7**	NA	CH2M
	09/02/2004	**4.81**	**2.31**	NA	CH2M
	02/08/2005	**8.91**	**0.92**	NA	CH2M
	08/22/2005	**3.05**	**1.75**	NA	CH2M
	02/20/2006	**3.67**	**1.76**	NA	CH2M
	08/10/2006	**1.72**	**1.9**	NA	CH2M
	02/21/2007	**1.91**	**1.75**	NA	CH2M
	08/20/2007	**1.33**	**1.58**	NA	CH2M
	02/18/2008	**1.56**	**1.63**	NA	CH2M
	08/11/2008	**1.67**	**1.44**	NA	CH2M
	08/11/2008*	**1.74**	**1.4**	NA	CH2M
	02/06/2009	**1.76**	**1.6**	NA	CH2M
	08/12/2009	**1.92**	**1.54**	NA	CH2M
	02/11/2010	**1.94**	**1.27**	NA	CH2M
	08/06/2010	**1.5**	**1.5**	NA	CH2M
	01/28/2011	**1.7**	**1.4**	NA	CH2M
	08/01/2011	**1.7**	**1.6**	NA	CH2M
	01/30/2012	**2.4**	**1.7**	NA	CH2M
	07/24/2012	**1.8**	**1.7**	NA	CH2M
	01/16/2013	**2.0**	**1.7**	NA	CH2M
	07/17/2013	**2.1**	**1.6**	NA	CH2M
	01/14/2014	**2.1**	**1.7**	NA	CH2M
	07/08/2014	**1.9**	**1.8**	NA	CH2M
	01/07/2015	**1.8**	**2.0**	NA	CH2M
	07/14/2015	**1.7**	**1.9**	NA	CH2M
	01/21/2016	**2.2**	**1.8**	NA	Arcadis
No. of Samples:	27				
MW-33B	07/14/2003	**2.1**	**0.94**	NA	CH2M
	08/06/2003	**3.0**	**1.4**	NA	CH2M
	09/02/2004	**3.18**	**1.71**	NA	CH2M
	02/08/2005	**5.26**	**1.49**	NA	CH2M
	08/22/2005	**2.18**	**1.65**	NA	CH2M
	02/20/2006	**2.86**	**1.74**	NA	CH2M
	08/10/2006	**1.52**	**2.07**	NA	CH2M
	02/22/2007	ND (1.53)	**1.68**	NA	CH2M
	08/20/2007	**1.46**	**1.66**	NA	CH2M
	02/18/2008	**1.72**	**1.69**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-33B	08/11/2008	**1.65**	**1.44**	NA	CH2M
	02/06/2009	**1.97**	**1.65**	NA	CH2M
	08/12/2009	**1.6**	**1.66**	NA	CH2M
	02/11/2010	**2.02**	**1.39**	NA	CH2M
	08/06/2010	**1.6**	**1.7**	NA	CH2M
	01/28/2011	**2.0**	**1.7**	NA	CH2M
	08/01/2011	**1.7**	**1.7**	NA	CH2M
	01/30/2012	**2.3**	**1.7**	NA	CH2M
	01/30/2012*	**2.2**	**1.7**	NA	CH2M
	07/24/2012	**2.2**	**1.6**	NA	CH2M
	01/16/2013	**1.9**	**1.6**	NA	CH2M
	01/16/2013*	**1.8**	**1.6**	NA	CH2M
	07/17/2013	**1.8**	**1.5**	NA	CH2M
	01/14/2014	**2.0**	**1.6**	NA	CH2M
	07/08/2014	**1.6**	**1.6**	NA	CH2M
	01/07/2015	**1.7**	**1.8**	NA	CH2M
	07/14/2015	**1.6**	**1.6**	NA	CH2M
	01/21/2016	**1.8**	**1.7**	NA	Arcadis
No. of Samples:	28				
MW-34	07/15/2003	**1.7**	**0.46**	NA	CH2M
	08/05/2003	**2.5**	**0.2**	NA	CH2M
	08/25/2004	**2.09**	ND (0.2)	NA	CH2M
	02/08/2005	**2.8**	ND (0.2)	NA	CH2M
	08/24/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/22/2006	**4.03**	ND (0.2)	NA	CH2M
	08/15/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/21/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/19/2008	**2.51**	ND (0.2)	NA	CH2M
	08/14/2008	ND (1.0)	ND (0.2)	NA	CH2M
	02/05/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2010	ND (1.0)	**0.24**	NA	CH2M
	08/03/2010	ND (1.0)	**0.25**	NA	CH2M
	01/27/2011	ND (1.0)	**0.21**	NA	CH2M
	06/29/2011	ND (1.0)	**0.44**	NA	CH2M
	06/29/2011*	ND (1.0)	**0.36**	NA	CH2M
	08/04/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/28/2011	ND (1.0)	**0.17**	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/25/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/17/2012	ND (1.0)	**0.17**	NA	CH2M
	07/17/2012*	ND (1.0)	**0.21**	NA	CH2M
	10/01/2012	ND (1.0)	ND (0.28)	NA	CH2M
	01/30/2013	ND (1.0)	**0.12**	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-34	04/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2013	ND (1.0)	**0.2**	NA	CH2M
	10/15/2013	ND (1.0)	**0.063**	NA	CH2M
	10/15/2013*	ND (1.0)	**0.069**	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	**0.17**	NA	CH2M
	07/23/2014	ND (1.0)	**0.16**	NA	CH2M
	07/23/2014*	ND (1.0)	**0.15**	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.23)	NA	CH2M
	01/20/2015	ND (1.0)	ND (0.072)	NA	CH2M
	04/07/2015	ND (1.0)	ND (0.15)	NA	CH2M
	07/21/2015	ND (1.0)	ND (0.18)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.17)	NA	Arcadis
	04/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/07/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/11/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/11/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/22/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/08/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	48				
MW-35	07/15/2003	**3.9**	1.2 J	NA	CH2M
	08/06/2003	**4.4**	**1.4**	NA	CH2M
	09/02/2004	**4.82**	**1.44**	NA	CH2M
	02/08/2005	**8.24**	**1.13**	NA	CH2M
	08/23/2005	**1.37**	**1.17**	NA	CH2M
	02/20/2006	**5.61**	**1.25**	NA	CH2M
	07/27/2006	**1.88**	1.45 J	NA	CH2M
	08/10/2006	**1.4**	**1.52**	NA	CH2M
	02/22/2007	ND (1.22)	**1.29**	NA	CH2M
	08/21/2007	**1.3**	**1.26**	NA	CH2M
	02/18/2008	**1.5**	**1.08**	NA	CH2M
	08/12/2008	**1.28**	**1.2**	NA	CH2M
	02/06/2009	ND (1.0)	**1.06**	NA	CH2M
	08/12/2009	**1.21**	**0.97**	NA	CH2M
	11/18/2009	**1.03**	ND (0.89)	NA	Arcadis
	02/01/2010	**1.31**	**0.87**	NA	Arcadis
	08/24/2010	ND (1.0)	**0.99**	NA	CH2M
	01/27/2011	ND (1.0)	**0.62**	NA	CH2M
	08/04/2011	ND (1.0)	**0.89**	NA	CH2M
	02/03/2012	ND (1.0)	**0.82**	NA	CH2M
	07/24/2012	**1.3**	**0.73**	NA	CH2M
	01/16/2013	**1.0**	**0.71**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-35	07/17/2013	ND (1.0)	**0.73**	NA	CH2M
	07/17/2013*	**1.0**	**0.72**	NA	CH2M
	01/15/2014	**1.1**	**0.66**	NA	CH2M
	07/08/2014	ND (1.0)	**0.69**	NA	CH2M
	01/21/2015	ND (1.0)	**0.82**	NA	CH2M
	07/14/2015	ND (1.0)	**0.82**	NA	CH2M
	07/14/2015*	ND (1.0)	**0.83**	NA	CH2M
	01/21/2016	ND (1.0)	**0.85**	NA	Arcadis
	03/02/2020	ND (1.0)	**0.31**	NA	Arcadis
	04/08/2020	**1.8**	**1.0**	NA	Arcadis
	06/01/2020	**2.2**	**1.4**	NA	Arcadis
No. of Samples:	33				
MW-36	08/06/2003	**94.1**	**93.7**	NA	CH2M
	10/14/2003	**142**	**147**	NA	CH2M
	10/14/2003*	**150**	**148**	NA	CH2M
	02/19/2004	**83.4**	**89.1**	NA	CH2M
	04/27/2004	**105**	**119**	NA	CH2M
	06/15/2004	**111**	117 J	NA	CH2M
	08/25/2004	**136**	**112**	NA	CH2M
	02/11/2005	**97**	**94.4**	NA	CH2M
	08/18/2005	**147**	NA	**112**	CH2M
	02/17/2006	**154**	NA	**150**	CH2M
	08/08/2006	**174**	NA	**181**	CH2M
	10/24/2006	**260**	**295**	NA	CH2M
	02/21/2007	**235**	**276**	NA	CH2M
	08/15/2007	**82.4**	NA	**84.6**	CH2M
	02/18/2008	**140**	NA	**152**	CH2M
	08/12/2008	**118**	**108**	NA	CH2M
	02/06/2009	**111**	NA	**99.2**	CH2M
	08/11/2009	**77.9**	**83.8**	NA	CH2M
	02/11/2010	**57.8**	**64.1**	NA	CH2M
	08/20/2010	**58.1**	**64.7**	NA	CH2M
	01/28/2011	**78.2**	**89.6**	NA	CH2M
	08/04/2011	**317**	**330**	NA	CH2M
	11/02/2011	**376**	**386**	NA	CH2M
	01/31/2012	**79.3**	**73.1**	NA	CH2M
	04/17/2012	**218**	**216**	NA	CH2M
	07/19/2012	**60.9**	**62.8**	NA	CH2M
	10/10/2012	**52.4**	**55.6**	NA	CH2M
	01/22/2013	**36.8**	**39.5**	NA	CH2M
	04/19/2013	**150**	**140**	NA	CH2M
	07/19/2013	**300**	**310**	NA	CH2M
	10/07/2013	**120**	**130**	NA	CH2M
	01/13/2014	**110**	**130**	NA	CH2M
	04/03/2014	**29**	**29**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-36	07/14/2014	**87**	**84**	NA	CH2M
	10/16/2014	**68**	**75**	NA	CH2M
	10/16/2014*	**67**	**75**	NA	CH2M
	01/07/2015	**140**	**150**	NA	CH2M
	04/16/2015	**130**	**150**	NA	CH2M
	07/23/2015	**380**	**360**	NA	CH2M
	10/20/2015	NA	**440**	NA	Arcadis
	10/20/2015*	**460**	**440**	NA	Arcadis
	01/13/2016	**52**	**53**	NA	Arcadis
	01/13/2016*	**41**	**49**	NA	Arcadis
	07/19/2016	**110**	**110**	NA	Arcadis
	10/31/2016	**290**	**260**	NA	Arcadis
	01/06/2017	**65**	**66**	NA	Arcadis
	01/06/2017*	**71**	**67**	NA	Arcadis
	04/19/2017	**380**	**340**	NA	Arcadis
	04/19/2017*	**370**	**340**	NA	Arcadis
	07/21/2017	**44**	**50**	NA	Arcadis
	10/19/2017	**5.2**	**5.5**	NA	Arcadis
	01/16/2018	**1.8**	**1.9**	NA	Arcadis
	01/16/2018*	**1.8**	**1.8**	NA	Arcadis
	04/20/2018	ND (1.0)	**1.1**	NA	Arcadis
	07/11/2019	**13**	**15**	NA	Arcadis
	09/05/2019	**26**	**25**	NA	Arcadis
	11/06/2019	**8.4**	**9.1**	NA	Arcadis
	01/15/2020	**15**	**17**	NA	Arcadis
	03/03/2020	**9.1**	**10**	NA	Arcadis
	04/16/2020	**9.0**	**9.3**	NA	Arcadis
No. of Samples:	60				
MW-37	08/07/2003	**2.1**	**1.2**	NA	CH2M
	10/14/2003	**1.7**	**1.4**	NA	CH2M
	09/01/2004	**3.3**	**1.56**	NA	CH2M
	02/10/2005	**1.94**	**1.46**	NA	CH2M
	08/22/2005	**1.78**	**1.36**	NA	CH2M
	02/20/2006	**1.7**	**1.41**	NA	CH2M
	08/10/2006	**1.6**	**1.45**	NA	CH2M
	08/10/2006*	**1.2**	**1.41**	NA	CH2M
	02/22/2007	ND (1.07)	**1.3**	NA	CH2M
	02/22/2007*	ND (1.12)	**1.27**	NA	CH2M
	08/20/2007	**1.48**	**1.38**	NA	CH2M
	08/20/2007*	**1.37**	**1.37**	NA	CH2M
	02/18/2008	**2.04**	**1.29**	NA	CH2M
	08/06/2008	ND (1.0)	**1.29**	NA	CH2M
	11/12/2008	**1.2**	**1.21**	NA	Arcadis
	08/12/2009	**1.28**	**1.26**	NA	CH2M
	02/11/2010	**1.74**	**0.92**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-37	08/06/2010	**1.3**	**1.3**	NA	CH2M
	01/27/2011	**1.1**	**0.98**	NA	CH2M
	08/04/2011	**1.4**	**1.1**	NA	CH2M
	01/31/2012	**1.3**	**1.0**	NA	CH2M
	07/19/2012	**1.2**	**0.73**	NA	CH2M
	01/22/2013	**1.3**	**0.92**	NA	CH2M
	07/30/2013	**1.6**	**1.0**	NA	CH2M
	07/30/2013*	**1.6**	**1.0**	NA	CH2M
	10/07/2013	NA	**1.0**	NA	CH2M
	01/13/2014	**3.9**	**0.87**	NA	CH2M
	04/03/2014	NA	**1.0**	NA	CH2M
	07/09/2014	**1.3**	**0.98**	NA	CH2M
	10/15/2014	NA	**1.1**	NA	CH2M
	01/07/2015	**1.1**	**1.1**	NA	CH2M
	04/10/2015	NA	ND (1.1)	NA	CH2M
	07/20/2015	**1.5**	**1.3**	NA	CH2M
	07/20/2015*	**1.5**	**1.3**	NA	CH2M
	10/19/2015	NA	**1.1**	NA	Arcadis
	01/11/2016	**1.5**	**1.3**	NA	Arcadis
	04/19/2016	**2.1**	**1.3**	NA	Arcadis
	07/14/2016	**1.4**	**1.1**	NA	Arcadis
	10/18/2016	**1.3**	**1.0**	NA	Arcadis
	01/05/2017	**2.1**	**1.6**	NA	Arcadis
	04/18/2017	**2.4**	**1.0**	NA	Arcadis
	06/07/2017	**1.3**	**0.93**	NA	Arcadis
	07/21/2017	**1.3**	**1.1**	NA	Arcadis
	07/21/2017*	**1.3**	**1.0**	NA	Arcadis
	11/06/2017	**1.4**	**1.3**	NA	Arcadis
	01/16/2018	**3.4**	**1.5**	NA	Arcadis
	03/07/2018	ND (1.0)	**0.88**	NA	Arcadis
	04/19/2018	**1.1**	**0.85**	NA	Arcadis
	07/18/2018	**1.1**	**0.96**	NA	Arcadis
	10/16/2018	**1.5**	**1.3**	NA	Arcadis
	01/11/2019	**1.5**	**0.76**	NA	Arcadis
	04/11/2019	**1.4**	**0.75**	NA	Arcadis
	07/09/2019	**1.5**	**1.5**	NA	Arcadis
	11/06/2019	**1.1**	**0.64**	NA	Arcadis
	11/06/2019*	**1.3**	**0.67**	NA	Arcadis
	01/15/2020	**2.0**	**0.76**	NA	Arcadis
	03/05/2020	**1.4**	**0.76**	NA	Arcadis
	04/15/2020	**3.1**	**0.86**	NA	Arcadis
	04/15/2020*	**2.7**	**0.84**	NA	Arcadis
No. of Samples:	59				
MW-38A	08/07/2003	**50.2**	51.6 J	NA	CH2M
	10/14/2003	**51.6**	**56.3**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-38A	02/19/2004	**55.5**	**57.7**	NA	CH2M
	04/27/2004	**44.1**	**47.3**	NA	CH2M
	06/15/2004	**43.2**	**46.7**	NA	CH2M
	08/25/2004	**49.7**	**45.4**	NA	CH2M
	10/14/2004	**43.5**	**44.7**	NA	CH2M
	12/08/2004	**49.1**	**46.6**	NA	CH2M
	02/10/2005	**45.9**	**45.7**	NA	CH2M
	04/11/2005	**40.5**	NA	**39.7**	CH2M
	06/09/2005	**39.1**	NA	**42.7**	CH2M
	08/22/2005	**31.6**	**32.7**	NA	CH2M
	10/13/2005	**29.3**	NA	**23.7**	CH2M
	12/05/2005	**40**	NA	**34.8**	CH2M
	02/16/2006	**40.2**	**41.5**	NA	CH2M
	04/18/2006	**43.8**	NA	**46.6**	CH2M
	06/14/2006	**33.8**	**41.5**	NA	CH2M
	08/08/2006	**36.3**	NA	**42.5**	CH2M
	10/20/2006	**34.4**	NA	**41.7**	CH2M
	12/05/2006	**33.6**	NA	**40.5**	CH2M
	02/21/2007	**36.4**	**38.9**	NA	CH2M
	04/19/2007	**38.8**	NA	**39.9**	CH2M
	06/21/2007	**42.3**	NA	**49.6**	CH2M
	07/25/2007	**43.8**	**42**	NA	CH2M
	08/20/2007	**38.2**	NA	**46.8**	CH2M
	10/17/2007	**50.6**	NA	**50.3**	CH2M
	12/04/2007	**30.8**	NA	**27.1**	CH2M
	12/04/2007*	**32.8**	NA	**28.2**	CH2M
	02/18/2008	**45.4**	**52.4**	NA	CH2M
	04/09/2008	**55.8**	NA	**40.7**	CH2M
	06/12/2008	54.7 J	NA	**52.8**	CH2M
	06/12/2008*	**57.1**	NA	**53.9**	CH2M
	08/06/2008	**59.3**	**61.4**	NA	CH2M
	11/07/2008	**35.5**	NA	**31.2**	CH2M
	02/04/2009	**52.2**	**55.3**	NA	CH2M
	05/13/2009	**69.7**	**70**	NA	CH2M
	06/11/2009	**79**	**72.3**	NA	CH2M
	08/12/2009	**59.8**	**62.1**	NA	CH2M
	11/11/2009	**54.4**	**56.2**	NA	CH2M
	11/11/2009*	**54.8**	**58.2**	NA	CH2M
	02/11/2010	**55.4**	**53.2**	NA	CH2M
	05/11/2010	**58.8**	**68.9**	NA	CH2M
	06/23/2010	**39.1**	**40.8**	NA	CH2M
	08/05/2010	**56.5**	**56.3**	NA	CH2M
	10/29/2010	**58.1**	**64.5**	NA	CH2M
	12/13/2010	**68.6**	**71**	NA	CH2M
	01/27/2011	**55.6**	**55.6**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-38A	04/28/2011	**53.4**	**60.1**	NA	CH2M
	08/04/2011	**45**	**45.4**	NA	CH2M
	11/02/2011	**10.7**	**9.7**	NA	CH2M
	01/31/2012	**4.9**	**4.4**	NA	CH2M
	04/17/2012	**6.3**	**6.2**	NA	CH2M
	07/19/2012	**2.5**	**2.2**	NA	CH2M
	10/04/2012	**2.0**	**2.0**	NA	CH2M
	01/22/2013	**2.0**	**1.8**	NA	CH2M
	05/03/2013	**1.2**	**1.2**	NA	CH2M
	07/17/2013	**1.6**	**1.6**	NA	CH2M
	10/08/2013	**1.4**	**1.5**	NA	CH2M
	10/08/2013*	**1.6**	**1.4**	NA	CH2M
	01/14/2014	**1.8**	**1.6**	NA	CH2M
	04/04/2014	**1.9**	**1.2**	NA	CH2M
	07/10/2014	**1.3**	**1.1**	NA	CH2M
	10/15/2014	**1.7**	**1.6**	NA	CH2M
	01/06/2015	**2.0**	**1.7**	NA	CH2M
	04/10/2015	**1.7**	**1.3**	NA	CH2M
	07/16/2015	**1.5**	**1.4**	NA	CH2M
	10/21/2015	**1.3**	**1.3**	NA	Arcadis
	01/13/2016	**5.1**	**0.75**	NA	Arcadis
	03/03/2016	**1.5**	**1.2**	NA	Arcadis
	04/19/2016	**1.9**	**1.3**	NA	Arcadis
	04/19/2016*	**2.1**	**1.3**	NA	Arcadis
	07/15/2016	**1.2**	**1.0**	NA	Arcadis
	11/01/2016	ND (1.0)	**0.73**	NA	Arcadis
	04/13/2017	**1.2**	**1.1**	NA	Arcadis
No. of Samples:	74				
MW-38B	08/07/2003	**40.8**	**44.6**	NA	CH2M
	08/07/2003*	**40.9**	**44.6**	NA	CH2M
	10/14/2003	**43.1**	**47.7**	NA	CH2M
	02/20/2004	**47.6**	**51.5**	NA	CH2M
	04/28/2004	**47.6**	**46.6**	NA	CH2M
	08/24/2004	**42.7**	**44**	NA	CH2M
	02/10/2005	**40**	**38.5**	NA	CH2M
	08/22/2005	**15.5**	**15.1**	NA	CH2M
	02/20/2006	**10.4**	**10.1**	NA	CH2M
	08/10/2006	**7.79**	**8.56**	NA	CH2M
	02/21/2007	**36.1**	**38**	NA	CH2M
	08/20/2007	**8.0**	**9.25**	NA	CH2M
	10/17/2007	**7.66**	**8.56**	NA	CH2M
	12/04/2007	**9.91**	**10.7**	NA	CH2M
	02/18/2008	**16.8**	**18**	NA	CH2M
	02/18/2008*	**17.8**	**19.2**	NA	CH2M
	04/10/2008	**5.12**	**4.66**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-38B	06/12/2008	**4.44**	**4.71**	NA	CH2M
	08/12/2008	**5.3**	**5.12**	NA	CH2M
	11/12/2008	**8.81**	**9.73**	NA	Arcadis
	08/12/2009	**6.94**	**7.03**	NA	CH2M
	08/12/2009*	**7.01**	**7.08**	NA	CH2M
	02/11/2010	**8.44**	**8.12**	NA	CH2M
	08/05/2010	**5.2**	**5.6**	NA	CH2M
	08/04/2011	**19.4**	**19.2**	NA	CH2M
	01/31/2012	**21.2**	**19.8**	NA	CH2M
	07/19/2012	**20.7**	**22.1**	NA	CH2M
	07/17/2013	**32**	**27**	NA	CH2M
	10/08/2013	NA	**27**	NA	CH2M
	01/14/2014	NA	**28**	NA	CH2M
	04/04/2014	NA	**29**	NA	CH2M
	07/10/2014	**27**	**28**	NA	CH2M
	10/15/2014	NA	**29**	NA	CH2M
	01/06/2015	NA	**31**	NA	CH2M
	01/06/2015*	NA	**30**	NA	CH2M
	04/10/2015	NA	**29**	NA	CH2M
	07/16/2015	**28**	**28**	NA	CH2M
	10/21/2015	NA	**30**	NA	Arcadis
	01/13/2016	**28**	**28**	NA	Arcadis
	01/13/2016*	**30**	**29**	NA	Arcadis
	04/19/2016	**29**	**28**	NA	Arcadis
	07/15/2016	**28**	**27**	NA	Arcadis
	10/18/2016	**27**	**24**	NA	Arcadis
	01/06/2017	**26**	**24**	NA	Arcadis
	04/13/2017	**23**	**23**	NA	Arcadis
	07/20/2017	**19**	**20**	NA	Arcadis
	10/19/2017	**18**	**18**	NA	Arcadis
	01/16/2018	**16**	**15**	NA	Arcadis
	04/19/2018	**15**	**15**	NA	Arcadis
	07/12/2018	**13**	**13**	NA	Arcadis
	10/19/2018	**12**	**12**	NA	Arcadis
	01/09/2019	**12**	**11**	NA	Arcadis
	04/10/2019	**12**	**11**	NA	Arcadis
	07/09/2019	**10**	**11**	NA	Arcadis
	11/06/2019	**7.4**	**7.1**	NA	Arcadis
	01/15/2020	**7.9**	**7.7**	NA	Arcadis
	04/15/2020	**7.5**	**6.8**	NA	Arcadis
No. of Samples:	57				
MW-39	08/06/2003	**3.0**	**1.3**	NA	CH2M
	10/14/2003	**2.3**	**1.1**	NA	CH2M
	09/02/2004	**2.0**	**1.08**	NA	CH2M
	02/09/2005	**2.31**	**0.87**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-39	08/22/2005	**3.22**	**3.04**	NA	CH2M
	02/20/2006	**2.84**	**1.72**	NA	CH2M
	08/11/2006	ND (1.0)	**1.03**	NA	CH2M
	02/23/2007	ND (1.0)	**0.786**	NA	CH2M
	08/22/2007	ND (1.0)	**0.841**	NA	CH2M
	02/19/2008	ND (1.0)	**0.722**	NA	CH2M
	08/06/2008	ND (1.0)	**0.76**	NA	CH2M
	08/07/2009	**1.53**	**1.07**	NA	CH2M
	02/19/2010	**1.06**	**1.08**	NA	CH2M
	08/23/2010	**2.0**	**1.2**	NA	CH2M
	01/27/2011	ND (1.0)	**0.89**	NA	CH2M
	08/04/2011	**4.3**	**4.1**	NA	CH2M
	09/12/2011	**4.2**	**4.4**	NA	CH2M
	11/02/2011	**3.7**	**2.9**	NA	CH2M
	12/14/2011	**2.1**	**1.8**	NA	CH2M
	01/31/2012	**1.5**	**1.2**	NA	CH2M
	04/17/2012	**1.4**	**1.0**	NA	CH2M
	07/19/2012	**1.1**	**0.76**	NA	CH2M
	10/08/2012	ND (1.0)	**0.77**	NA	CH2M
	01/21/2013	ND (1.0)	**0.72**	NA	CH2M
	04/18/2013	ND (1.0)	**0.83**	NA	CH2M
	08/02/2013	ND (1.0)	**1.0**	NA	CH2M
	10/07/2013	ND (1.0)	**0.81**	NA	CH2M
	01/13/2014	**5.2**	**5.5**	NA	CH2M
	04/04/2014	**1.2**	**1.2**	NA	CH2M
	07/10/2014	ND (1.0)	**0.97**	NA	CH2M
	10/17/2014	**13**	**13**	NA	CH2M
	01/08/2015	**20**	**22**	NA	CH2M
	04/14/2015	**13**	**13**	NA	CH2M
	07/23/2015	**24**	**25**	NA	CH2M
	10/20/2015	**23**	**24**	NA	Arcadis
	01/21/2016	**24**	**21**	NA	Arcadis
	04/20/2016	**20**	**22**	NA	Arcadis
	07/20/2016	**24**	**22**	NA	Arcadis
	01/06/2017	**3.3**	**2.8**	NA	Arcadis
	07/24/2017	**2.0**	**2.1**	NA	Arcadis
	01/23/2018	**8.0**	**7.7**	NA	Arcadis
	07/10/2018	**9.5**	**9.6**	NA	Arcadis
	10/17/2018	**1.1**	**0.79**	NA	Arcadis
	01/16/2019	ND (1.0)	**0.31**	NA	Arcadis
	05/08/2019	ND (1.0)	**0.27**	NA	Arcadis
	07/11/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	01/15/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	48				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-39D	08/02/2013	NA	**22**	NA	CH2M
	10/07/2013	NA	**21**	NA	CH2M
	01/13/2014	NA	**23**	NA	CH2M
	04/04/2014	NA	**23**	NA	CH2M
	04/04/2014*	NA	**23**	NA	CH2M
	07/10/2014	NA	**23**	NA	CH2M
	10/17/2014	NA	**23**	NA	CH2M
	01/08/2015	NA	**25**	NA	CH2M
	04/14/2015	NA	**27**	NA	CH2M
	07/23/2015	NA	**27**	NA	CH2M
	10/20/2015	NA	**28**	NA	Arcadis
	01/13/2016	NA	**28**	NA	Arcadis
	04/20/2016	NA	**30**	NA	Arcadis
	07/20/2016	**30**	**29**	NA	Arcadis
	10/19/2016	**35**	**33**	NA	Arcadis
	01/06/2017	**35**	**32**	NA	Arcadis
	04/06/2017	**35**	**37**	NA	Arcadis
	07/24/2017	**33**	**37**	NA	Arcadis
	10/19/2017	**40**	**40**	NA	Arcadis
	01/23/2018	**43**	**40**	NA	Arcadis
	04/19/2018	**39**	**40**	NA	Arcadis
	07/10/2018	**35**	**35**	NA	Arcadis
	10/17/2018	**41**	**41**	NA	Arcadis
	01/14/2019	**7.8**	**1.3**	NA	Arcadis
	03/05/2019	**1.3**	**0.96**	NA	Arcadis
	05/08/2019	ND (1.0)	**0.57**	NA	Arcadis
	07/11/2019	ND (1.0)	**0.35**	NA	Arcadis
	11/07/2019	**1.6**	ND (0.2)	NA	Arcadis
	01/15/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/23/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	30				
MW-40	08/08/2003	**1.1**	**0.2**	NA	CH2M
	10/13/2003	ND (1.0)	ND (0.2)	NA	CH2M
	08/24/2004	ND (1.0)	**0.239**	NA	CH2M
	08/24/2004*	ND (1.0)	**0.242**	NA	CH2M
	02/10/2005	**1.12**	**0.241**	NA	CH2M
	02/10/2005*	**1.04**	**0.234**	NA	CH2M
	08/22/2005	ND (1.0)	**0.229**	NA	CH2M
	08/22/2005*	ND (1.0)	**0.227**	NA	CH2M
	02/22/2006	**1.48**	**0.204**	NA	CH2M
	02/22/2006*	**1.5**	**0.208**	NA	CH2M
	08/16/2006	ND (1.0)	**0.327**	NA	CH2M
	02/22/2007	ND (1.0)	**0.331**	NA	CH2M
	08/21/2007	ND (1.0)	**0.243**	NA	CH2M
	02/18/2008	ND (1.0)	**0.227**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-40	08/06/2008	ND (1.0)	**0.24**	NA	CH2M
	08/12/2009	ND (1.0)	**0.21**	NA	CH2M
	11/11/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/11/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/11/2010	ND (1.0)	**0.22**	NA	CH2M
	08/20/2010	ND (1.0)	**0.24**	NA	CH2M
	10/27/2010	ND (1.0)	**0.27**	NA	CH2M
	01/26/2011	ND (1.0)	**0.35**	NA	CH2M
	04/06/2011	ND (1.0)	**0.31**	NA	CH2M
	08/04/2011	ND (1.0)	**0.27**	NA	CH2M
	01/21/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2016	ND (1.0)	**0.23**	NA	Arcadis
No. of Samples:	26				
MW-41A	08/08/2003	**2.8**	**2.1**	NA	CH2M
	10/13/2003	**1.8**	**2.1**	NA	CH2M
	02/17/2004	**4.8**	**1.8**	NA	CH2M
	09/01/2004	**5.07**	**2.31**	NA	CH2M
	02/07/2005	**4.49**	**2.87**	NA	CH2M
	08/18/2005	**2.44**	**2.43**	NA	CH2M
	02/15/2006	**3.46**	**2.29**	NA	CH2M
	08/10/2006	**2.16**	**2.59**	NA	CH2M
	02/15/2007	**2.13**	**2.14**	NA	CH2M
	08/15/2007	**2.22**	**2.34**	NA	CH2M
	02/13/2008	**2.3**	**2.26**	NA	CH2M
	08/06/2008	**2.27**	**2.47**	NA	CH2M
	08/06/2008*	**2.56**	**2.44**	NA	CH2M
	08/05/2009	**2.75**	**2.69**	NA	CH2M
	08/02/2010	**2.6**	**2.7**	NA	CH2M
	01/28/2011	**3.0**	**2.7**	NA	CH2M
	08/04/2011	**3.0**	**2.8**	NA	CH2M
	01/31/2012	**2.8**	**2.6**	NA	CH2M
	07/17/2012	**2.5**	**2.6**	NA	CH2M
	07/17/2012*	**2.4**	**2.6**	NA	CH2M
	01/28/2013	**2.9**	**2.8**	NA	CH2M
	07/09/2013	**3.3**	**2.6**	NA	CH2M
	01/15/2014	**3.0**	**2.5**	NA	CH2M
	01/15/2014*	**3.0**	**2.5**	NA	CH2M
	07/22/2014	**2.9**	**2.7**	NA	CH2M
	01/22/2015	**2.8**	**2.9**	NA	CH2M
	07/10/2015	**2.4**	**2.6**	NA	CH2M
No. of Samples:	27				
MW-41B	08/08/2003	**4.1**	**2.9**	NA	CH2M
	10/13/2003	**2.1**	**3.0**	NA	CH2M
	02/17/2004	**6.1**	**2.9**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-41B	09/01/2004	**6.39**	**2.64**	NA	CH2M
	02/07/2005	**5.13**	**3.65**	NA	CH2M
	08/18/2005	**3.18**	**3.02**	NA	CH2M
	02/15/2006	**4.96**	**3.05**	NA	CH2M
	08/10/2006	**2.44**	**3.24**	NA	CH2M
	02/15/2007	**2.73**	**2.9**	NA	CH2M
	08/15/2007	**2.61**	**2.83**	NA	CH2M
	02/13/2008	**2.98**	**2.89**	NA	CH2M
	08/06/2008	**2.62**	**2.48**	NA	CH2M
	08/05/2009	**2.89**	**2.74**	NA	CH2M
	08/02/2010	**2.9**	**2.6**	NA	CH2M
	01/28/2011	**3.4**	**2.9**	NA	CH2M
	08/04/2011	**2.9**	**2.6**	NA	CH2M
	01/31/2012	**2.7**	**2.4**	NA	CH2M
	07/17/2012	**2.1**	**2.2**	NA	CH2M
	01/28/2013	**2.6**	**2.5**	NA	CH2M
	07/09/2013	**2.9**	**2.3**	NA	CH2M
	01/15/2014	**3.0**	**2.4**	NA	CH2M
	07/22/2014	**3.0**	**2.6**	NA	CH2M
	01/22/2015	**2.5**	**2.7**	NA	CH2M
	07/10/2015	**2.4**	**2.6**	NA	CH2M
No. of Samples:	24				
MW-41S	10/28/2010	**10.1**	**10.3**	NA	CH2M
	01/13/2011	**11.7**	**10.8**	NA	CH2M
	04/28/2011	**12.4**	**10**	NA	CH2M
	08/04/2011	**11**	**10.5**	NA	CH2M
	11/02/2011	**11.8**	**10.6**	NA	CH2M
	01/31/2012	**12.7**	**11.2**	NA	CH2M
	04/17/2012	**11.2**	**11.2**	NA	CH2M
	07/17/2012	**10.7**	**10.8**	NA	CH2M
	10/04/2012	**13.8**	**12.6**	NA	CH2M
	01/17/2013	**11.8**	**12.2**	NA	CH2M
	04/09/2013	**12.2**	**11.6**	NA	CH2M
	07/09/2013	**11.5**	**10.5**	NA	CH2M
	10/15/2013	**11.9**	**11.5**	NA	CH2M
	01/15/2014	**13**	**10.9**	NA	CH2M
	04/16/2014	**12**	**12**	NA	CH2M
	07/22/2014	**14**	**11**	NA	CH2M
	10/10/2014	**11**	**12**	NA	CH2M
	01/22/2015	**11**	**12**	NA	CH2M
	01/22/2015*	**11**	**12**	NA	CH2M
	04/08/2015	**11**	**11**	NA	CH2M
	07/10/2015	**11**	**11**	NA	CH2M
	10/13/2015	**11**	**11**	NA	Arcadis
	01/12/2016	**10**	**10**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-41S	04/11/2016	**14**	**7.0**	NA	Arcadis
	07/13/2016	**10**	**9.8**	NA	Arcadis
	10/07/2016	**11**	**10**	NA	Arcadis
	01/18/2017	**10**	**9.8**	NA	Arcadis
	04/07/2017	**9.4**	**9.7**	NA	Arcadis
	07/17/2017	**10**	**9.6**	NA	Arcadis
	10/18/2017	**9.5**	**9.3**	NA	Arcadis
	01/10/2018	**4.3**	**3.4**	NA	Arcadis
	04/18/2018	**9.1**	**9.5**	NA	Arcadis
	07/11/2018	**12**	**8.5**	NA	Arcadis
	10/18/2018	**11**	**10**	NA	Arcadis
	01/09/2019	ND (1.0)	**0.89**	NA	Arcadis
	04/05/2019	**10**	**10**	NA	Arcadis
	07/10/2019	**11**	**9.8**	NA	Arcadis
	10/23/2019	**11**	**9.6**	NA	Arcadis
	01/14/2020	**8.7**	**7.7**	NA	Arcadis
	04/10/2020	**9.6**	**9.8**	NA	Arcadis
No. of Samples:	40				
MW-42B1	03/23/2004	**34.8**	**30.8**	NA	CH2M
	03/23/2004*	**37.2**	**31**	NA	CH2M
	04/29/2004	**30**	**28.2**	NA	CH2M
	09/01/2004	**36.3**	**29.8**	NA	CH2M
	10/14/2004	**22.9**	**27.4**	NA	CH2M
	02/03/2005	**24.4**	NA	**25.4**	CH2M
	04/12/2005	**29**	**28**	NA	CH2M
	08/16/2005	**26.2**	**26.5**	NA	CH2M
	10/11/2005	**28.2**	NA	**29**	CH2M
	02/14/2006	**37.4**	**34.9**	NA	CH2M
	04/19/2006	**42.8**	NA	**38.2**	CH2M
	08/14/2006	**37.2**	NA	**45.6**	CH2M
	12/06/2006	**34.1**	NA	**39.3**	CH2M
	02/15/2007	**31.6**	**34.6**	NA	CH2M
	04/12/2007	**37.6**	**33.5**	NA	CH2M
	08/16/2007	**30.9**	**32**	NA	CH2M
	12/10/2007	**31**	**30**	NA	CH2M
	02/13/2008	**28.3**	**29.2**	NA	CH2M
	04/09/2008	**28**	**28.9**	NA	CH2M
	08/13/2008	**30.4**	**30.5**	NA	CH2M
	11/06/2008	**29.1**	**29.7**	NA	CH2M
	02/04/2009	**30.1**	**29.6**	NA	CH2M
	05/14/2009	**25.4**	**27.9**	NA	CH2M
	08/11/2009	**34.6**	**29.2**	NA	CH2M
	11/11/2009	**26.7**	**26.3**	NA	CH2M
	02/09/2010	**28.4**	**24.4**	NA	CH2M
	05/12/2010	**25.8**	**27.8**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-42B1	08/19/2010	**29.2**	**33.7**	NA	CH2M
	10/27/2010	**30.6**	**30.7**	NA	CH2M
	01/26/2011	**31.4**	**30.4**	NA	CH2M
	05/06/2011	**32.4**	**31.4**	NA	CH2M
	08/08/2011	**33.8**	**37.3**	NA	CH2M
	11/01/2011	**36.3**	**38.3**	NA	CH2M
	11/01/2011*	**37.4**	**38.4**	NA	CH2M
	01/13/2012	**32.6**	**31.5**	NA	CH2M
	04/09/2012	**33.2**	**35.5**	NA	CH2M
	04/09/2012*	**33.8**	**35.5**	NA	CH2M
	07/24/2012	**35**	**38.4**	NA	CH2M
	10/17/2012	**37**	**38.5**	NA	CH2M
	01/24/2013	**39.5**	**36.6**	NA	CH2M
	01/24/2013*	**40.1**	**36.5**	NA	CH2M
	04/16/2013	**35**	**37.4**	NA	CH2M
	07/31/2013	**38.7**	**36.7**	NA	CH2M
	10/14/2013	**35.8**	**37.5**	NA	CH2M
	01/24/2014	**33.6**	**34.4**	NA	CH2M
	04/14/2014	**29**	**30**	NA	CH2M
	07/25/2014	**33**	**33**	NA	CH2M
	10/10/2014	**35**	**39**	NA	CH2M
	01/19/2015	**38**	**41**	NA	CH2M
	04/08/2015	**40**	**38**	NA	CH2M
	07/22/2015	**39**	**40**	NA	CH2M
	10/20/2015	**33**	**32**	NA	Arcadis
	01/12/2016	**22**	**21**	NA	Arcadis
	07/15/2016	**14**	**15**	NA	Arcadis
	01/05/2017	**12**	**12**	NA	Arcadis
	01/05/2017*	**12**	**12**	NA	Arcadis
	07/21/2017	**7.1**	**8.1**	NA	Arcadis
	10/17/2017	**8.8**	**9.2**	NA	Arcadis
	04/11/2018	**8.2**	**8.1**	NA	Arcadis
	10/10/2018	**6.2**	**6.4**	NA	Arcadis
	04/04/2019	**3.8**	**3.8**	NA	Arcadis
	04/04/2019*	**3.6**	**3.8**	NA	Arcadis
	10/16/2019	**3.7**	**3.3**	NA	Arcadis
	04/10/2020	**4.5**	**3.9**	NA	Arcadis
No. of Samples:	64				
MW-42B2	03/11/2004	**42.3**	**42.8**	NA	CH2M
	04/29/2004	**44.2**	38.3 J	NA	CH2M
	04/29/2004*	**43.8**	**38.4**	NA	CH2M
	09/01/2004	**39.1**	**34.3**	NA	CH2M
	09/01/2004*	**41.3**	**38**	NA	CH2M
	10/14/2004	**34.3**	**34.1**	NA	CH2M
	02/03/2005	**31.8**	NA	**32.8**	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-42B2	02/03/2005*	**29.2**	NA	**30.6**	CH2M
	04/12/2005	**36.1**	**36.2**	NA	CH2M
	08/16/2005	**28.6**	**28.8**	NA	CH2M
	10/11/2005	**28.5**	NA	**30.1**	CH2M
	02/14/2006	**31.9**	**29.7**	NA	CH2M
	04/19/2006	**35.8**	NA	**29.8**	CH2M
	08/14/2006	**27.4**	NA	**29.9**	CH2M
	08/14/2006*	**25.2**	NA	**38.3**	CH2M
	12/06/2006	**22.8**	NA	**27.5**	CH2M
	02/15/2007	**23.6**	**23.8**	NA	CH2M
	02/15/2007*	**23.9**	**23.9**	NA	CH2M
	04/12/2007	**25**	**22.7**	NA	CH2M
	08/16/2007	**21**	**21.1**	NA	CH2M
	12/10/2007	**24.9**	**20.3**	NA	CH2M
	02/13/2008	**18.6**	**20.2**	NA	CH2M
	04/09/2008	**20.9**	**21.5**	NA	CH2M
	08/13/2008	**21.4**	**21.7**	NA	CH2M
	11/06/2008	**22.5**	**23.5**	NA	CH2M
	11/06/2008*	**22.8**	**23.5**	NA	CH2M
	02/04/2009	**25.4**	**26.8**	NA	CH2M
	03/05/2009	**21.5**	**26.6**	NA	CH2M
	05/14/2009	**27.4**	**26.8**	NA	CH2M
	08/11/2009	**32.3**	**31**	NA	CH2M
	11/11/2009	**34.1**	**34.7**	NA	CH2M
	02/09/2010	**31**	**31.4**	NA	CH2M
	05/12/2010	**33.1**	**36.1**	NA	CH2M
	05/12/2010*	**35.9**	**36.8**	NA	CH2M
	08/19/2010	**41.8**	**43.2**	NA	CH2M
	08/19/2010*	**37.8**	**45.6**	NA	CH2M
	10/27/2010	**43.4**	**42.1**	NA	CH2M
	10/27/2010*	**42.8**	**43**	NA	CH2M
	01/25/2011	**45.3**	**44.8**	NA	CH2M
	01/25/2011*	**44.5**	**44.1**	NA	CH2M
	05/06/2011	**46.8**	**49.2**	NA	CH2M
	08/08/2011	**48.6**	**50**	NA	CH2M
	11/01/2011	**49.9**	**51.6**	NA	CH2M
	01/13/2012	**53.9**	**54.6**	NA	CH2M
	04/09/2012	**48.3**	**50.2**	NA	CH2M
	07/24/2012	**47.3**	**49.6**	NA	CH2M
	10/17/2012	**52**	**49.2**	NA	CH2M
	01/24/2013	**54.4**	**52.4**	NA	CH2M
	04/15/2013	**52.1**	**50.4**	NA	CH2M
	07/31/2013	**49.2**	**47.6**	NA	CH2M
	10/14/2013	**43**	**48.6**	NA	CH2M
	01/24/2014	**47.6**	**47.2**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-42B2	01/24/2014*	**45.2**	**46.9**	NA	CH2M
	04/14/2014	**47**	**49**	NA	CH2M
	04/14/2014*	**48**	**49**	NA	CH2M
	07/25/2014	**48**	**45**	NA	CH2M
	10/10/2014	**48**	**50**	NA	CH2M
	01/19/2015	**50**	**52**	NA	CH2M
	04/08/2015	**50**	**50**	NA	CH2M
	07/22/2015	**48**	**48**	NA	CH2M
	10/20/2015	**46**	**48**	NA	Arcadis
	01/12/2016	**48**	**47**	NA	Arcadis
	07/15/2016	**28**	**30**	NA	Arcadis
	01/05/2017	**14**	**15**	NA	Arcadis
	07/21/2017	**8.1**	**9.1**	NA	Arcadis
	10/17/2017	**8.2**	**9.1**	NA	Arcadis
	04/11/2018	**5.9**	**5.6**	NA	Arcadis
	10/10/2018	**6.3**	**6.6**	NA	Arcadis
	04/04/2019	**5.8**	**6.4**	NA	Arcadis
	10/16/2019	**5.0**	**4.7**	NA	Arcadis
	04/10/2020	**5.4**	**5.1**	NA	Arcadis
No. of Samples:	71				
MW-42C	02/07/2011	**7.3**	**7.5**	NA	CH2M
	02/07/2011*	**7.1**	**7.5**	NA	CH2M
	05/06/2011	**16**	**14.9**	NA	CH2M
	08/08/2011	**14.9**	**15.4**	NA	CH2M
	11/01/2011	**15.7**	**15.2**	NA	CH2M
	02/01/2012	**13.1**	**12**	NA	CH2M
	04/17/2012	**9.7**	**9.2**	NA	CH2M
	07/19/2012	**8.4**	**8.5**	NA	CH2M
	10/04/2012	**10.3**	**9.4**	NA	CH2M
	01/17/2013	**9.7**	**9.9**	NA	CH2M
	01/17/2013*	**9.4**	**9.8**	NA	CH2M
	04/16/2013	**9.2**	**9.3**	NA	CH2M
	07/15/2013	**8.6**	**8.0**	NA	CH2M
	10/15/2013	**8.8**	**8.6**	NA	CH2M
	01/22/2014	**6.2**	**5.4**	NA	CH2M
	04/14/2014	**9.0**	**9.0**	NA	CH2M
	04/14/2014*	**8.9**	**9.0**	NA	CH2M
	07/25/2014	**8.5**	**7.9**	NA	CH2M
	10/10/2014	**7.3**	**8.0**	NA	CH2M
	01/19/2015	**7.6**	**7.7**	NA	CH2M
	04/08/2015	**7.2**	**7.3**	NA	CH2M
	07/22/2015	**6.5**	**6.2**	NA	CH2M
	10/14/2015	**6.1**	**6.6**	NA	Arcadis
	01/12/2016	**6.0**	**6.1**	NA	Arcadis
	04/12/2016	**6.6**	**6.1**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-42C	07/15/2016	**5.6**	**5.6**	NA	Arcadis
	10/06/2016	**6.0**	**4.8**	NA	Arcadis
	04/10/2017	**4.7**	**3.1**	NA	Arcadis
	06/05/2017	**2.3**	**2.7**	NA	Arcadis
	10/17/2017	**2.9**	**2.0**	NA	Arcadis
	04/11/2018	**2.2**	**1.7**	NA	Arcadis
	10/10/2018	**2.8**	**2.2**	NA	Arcadis
	04/04/2019	**2.8**	**2.3**	NA	Arcadis
	04/04/2019*	**2.8**	**2.4**	NA	Arcadis
	10/16/2019	**3.4**	**2.0**	NA	Arcadis
	12/05/2019	**1.7**	**0.22**	NA	Arcadis
	04/10/2020	**2.2**	**1.8**	NA	Arcadis
No. of Samples:	37				
MW-43	04/08/2004	**2.9**	**1.6**	NA	CH2M
	04/29/2004	**3.4**	**1.6**	NA	CH2M
	07/14/2004	**2.6**	**1.6**	NA	CH2M
	08/27/2004	**4.46**	**2.16**	NA	CH2M
	02/04/2005	**9.1**	**8.05**	NA	CH2M
	05/04/2005	**10.9**	**9.93**	NA	CH2M
	08/17/2005	**10.9**	**9.8**	NA	CH2M
	10/12/2005	**7.81**	**5.1**	NA	CH2M
	12/09/2005	**8.3**	**7.69**	NA	CH2M
	02/14/2006	**8.72**	**6.78**	NA	CH2M
	04/19/2006	**19.9**	**16.4**	NA	CH2M
	08/14/2006	**23.8**	**28.4**	NA	CH2M
	10/18/2006	**23**	**26.1**	NA	CH2M
	12/07/2006	**23.6**	**27.1**	NA	CH2M
	02/15/2007	**26.9**	**28.1**	NA	CH2M
	04/12/2007	**29.1**	**27.9**	NA	CH2M
	06/18/2007	**25.7**	**28.4**	NA	CH2M
	08/16/2007	**23.4**	**24.4**	NA	CH2M
	08/16/2007*	**26.5**	**24.3**	NA	CH2M
	10/16/2007	**23.5**	**27.8**	NA	CH2M
	12/10/2007	**21.9**	**23.1**	NA	CH2M
	12/10/2007*	**22.3**	**22.9**	NA	CH2M
	02/13/2008	**19.5**	**20.2**	NA	CH2M
	04/09/2008	**16.8**	**17.2**	NA	CH2M
	06/10/2008	**16.3**	**17.8**	NA	CH2M
	08/12/2008	**16.1**	**14**	NA	CH2M
	11/05/2008	**16.3**	**17.2**	NA	CH2M
	02/04/2009	**8.16**	**8.86**	NA	CH2M
	05/14/2009	**8.0**	**7.31**	NA	CH2M
	08/10/2009	**8.97**	**8.72**	NA	CH2M
	11/10/2009	**7.97**	**8.55**	NA	CH2M
	02/09/2010	**6.07**	**5.04**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-43	05/12/2010	**11.1**	**10.1**	NA	CH2M
	08/19/2010	**13.5**	**14.2**	NA	CH2M
	10/27/2010	**12.7**	**12.8**	NA	CH2M
	01/26/2011	**6.3**	**6.4**	NA	CH2M
	05/06/2011	**6.6**	**6.2**	NA	CH2M
	08/08/2011	**16.8**	**18.4**	NA	CH2M
	11/01/2011	**19.2**	**20.4**	NA	CH2M
	01/13/2012	**18.7**	**17.3**	NA	CH2M
	01/13/2012*	**19.6**	**17.4**	NA	CH2M
	04/09/2012	**17.7**	**18.8**	NA	CH2M
	07/24/2012	**14.3**	**15.4**	NA	CH2M
	10/17/2012	**15**	**15**	NA	CH2M
	01/24/2013	**7.8**	**7.0**	NA	CH2M
	04/15/2013	**15.5**	**15.5**	NA	CH2M
	07/31/2013	**9.8**	**9.1**	NA	CH2M
	10/14/2013	**12.9**	**14.1**	NA	CH2M
	01/24/2014	**12.9**	**13.3**	NA	CH2M
	04/14/2014	**8.6**	**9.0**	NA	CH2M
	07/17/2014	**11**	**10**	NA	CH2M
	10/10/2014	**4.5**	**5.2**	NA	CH2M
	01/20/2015	**3.4**	**3.4**	NA	CH2M
	04/07/2015	**3.3**	**3.6**	NA	CH2M
	04/07/2015*	**3.5**	**3.7**	NA	CH2M
	07/21/2015	**3.5**	**3.9**	NA	CH2M
	10/14/2015	**3.4**	**3.8**	NA	Arcadis
	01/12/2016	**8.0**	**8.4**	NA	Arcadis
	03/03/2016	**5.5**	**5.3**	NA	Arcadis
	04/12/2016	**3.6**	**3.4**	NA	Arcadis
	07/13/2016	**2.6**	**2.6**	NA	Arcadis
	10/19/2016	**1.7**	**1.9**	NA	Arcadis
	01/04/2017	**2.2**	**1.9**	NA	Arcadis
	04/10/2017	**4.1**	**4.2**	NA	Arcadis
	06/05/2017	**1.9**	**1.9**	NA	Arcadis
	07/13/2017	**2.1**	**2.3**	NA	Arcadis
	10/10/2017	**2.6**	**2.0**	NA	Arcadis
	04/11/2018	**1.9**	**1.7**	NA	Arcadis
	10/12/2018	**3.1**	**2.1**	NA	Arcadis
	04/04/2019	**2.3**	**2.2**	NA	Arcadis
	10/15/2019	**2.9**	**2.4**	NA	Arcadis
	04/23/2020	**2.6**	**2.4**	NA	Arcadis
No. of Samples:	72				
MW-44A	03/11/2004	**6.2**	**5.6**	NA	CH2M
	04/26/2004	**5.9**	**6.3**	NA	CH2M
	08/25/2004	**5.55**	**3.73**	NA	CH2M
	02/08/2005	**20.8**	**19.2**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-44A	08/22/2005	**26.8**	**26.4**	NA	CH2M
	12/09/2005	**11.6**	NA	ND (10)	CH2M
	02/17/2006	**12.6**	**11.8**	NA	CH2M
	04/19/2006	**15.7**	**14.1**	NA	CH2M
	04/19/2006*	**15.5**	**14**	NA	CH2M
	06/13/2006	**11.7**	**14.8**	NA	CH2M
	08/09/2006	**12.8**	**11.8**	NA	CH2M
	10/19/2006	**11.4**	**13.1**	NA	CH2M
	12/06/2006	**10.8**	**12.7**	NA	CH2M
	02/22/2007	**14.6**	**16.6**	NA	CH2M
	04/13/2007	**19.2**	**17.8**	NA	CH2M
	06/20/2007	**22.4**	**23.6**	NA	CH2M
	07/25/2007	**25.9**	**22.9**	NA	CH2M
	08/20/2007	**20.8**	**22.8**	NA	CH2M
	10/18/2007	**18**	**19.3**	NA	CH2M
	12/04/2007	**14.2**	**14.8**	NA	CH2M
	02/14/2008	**17.7**	**12.2**	NA	CH2M
	04/11/2008	**16.6**	**19**	NA	CH2M
	06/09/2008	**19.9**	**17.9**	NA	CH2M
	08/12/2008	**13.5**	**15.3**	NA	CH2M
	12/17/2009	**4.43**	4.25 J	NA	CH2M
	12/17/2009*	**4.29**	3.47 J	NA	CH2M
	03/25/2010	**2.65**	**2.66**	NA	CH2M
	05/13/2010	**2.7**	**2.4**	NA	CH2M
	08/03/2010	**2.6**	**3.2**	NA	CH2M
	10/26/2010	**2.1**	**1.9**	NA	CH2M
	01/25/2011	**1.6**	**1.6**	NA	CH2M
	04/07/2011	**2.5**	**2.0**	NA	CH2M
	09/06/2011	**2.3**	**1.6**	NA	CH2M
	11/10/2011	**1.9**	**2.1**	NA	CH2M
	02/01/2012	**2.2**	**1.8**	NA	CH2M
	05/07/2013	**2.1**	**1.7**	NA	CH2M
	07/10/2013	**2.0**	**1.5**	NA	CH2M
	10/09/2013	**1.9**	**1.7**	NA	CH2M
No. of Samples:	38				
MW-44B	03/11/2004	**28.4**	**29.6**	NA	CH2M
	04/09/2004	**28.5**	**31.6**	NA	CH2M
	04/26/2004	**27.4**	**32.6**	NA	CH2M
	04/26/2004*	**26.9**	**32.5**	NA	CH2M
	08/25/2004	**27.1**	**24.7**	NA	CH2M
	08/25/2004*	**27**	**24.1**	NA	CH2M
	10/14/2004	**25.6**	**27.6**	NA	CH2M
	10/14/2004*	**26.6**	**27.6**	NA	CH2M
	12/08/2004	**35.5**	**31.6**	NA	CH2M
	12/08/2004*	**33.9**	**31.7**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-44B	02/08/2005	**39.3**	**40.7**	NA	CH2M
	02/08/2005*	**40.2**	**41.2**	NA	CH2M
	04/14/2005	**45.6**	NA	**40.8**	CH2M
	06/09/2005	**38.4**	NA	**37.3**	CH2M
	08/22/2005	**30.5**	**29.5**	NA	CH2M
	08/22/2005*	**31**	**29.2**	NA	CH2M
	10/14/2005	**17**	NA	**14.2**	CH2M
	10/14/2005*	**16.7**	NA	**12.1**	CH2M
	12/05/2005	**17.8**	NA	**11.4**	CH2M
	02/17/2006	**17.1**	**16**	NA	CH2M
	02/17/2006*	**16.6**	**16**	NA	CH2M
	04/19/2006	**13.3**	**11.2**	NA	CH2M
	06/13/2006	**11.8**	**15**	NA	CH2M
	08/09/2006	**10.6**	**12.4**	NA	CH2M
	08/09/2006*	**11.5**	**12.3**	NA	CH2M
	10/19/2006	**5.91**	**6.76**	NA	CH2M
	12/06/2006	**7.82**	**9.7**	NA	CH2M
	02/22/2007	**15.6**	**17.7**	NA	CH2M
	02/22/2007*	**15.5**	**17.6**	NA	CH2M
	04/13/2007	**22.8**	**21.7**	NA	CH2M
	06/20/2007	**18.9**	**19.5**	NA	CH2M
	08/20/2007	**11.7**	**12.7**	NA	CH2M
	08/20/2007*	**11.7**	**12.7**	NA	CH2M
	10/18/2007	**9.25**	**10.1**	NA	CH2M
	12/04/2007	**14.4**	**14.6**	NA	CH2M
	02/14/2008	**18**	**13.7**	NA	CH2M
	04/11/2008	**19.1**	**20.4**	NA	CH2M
	04/11/2008*	**19**	**20.5**	NA	CH2M
	06/09/2008	**17.4**	**17.6**	NA	CH2M
	08/06/2008	**6.42**	**6.41**	NA	CH2M
	12/17/2009	**5.19**	**5.65**	NA	CH2M
	03/25/2010	**3.67**	**4.19**	NA	CH2M
	05/13/2010	**4.2**	**4.0**	NA	CH2M
	08/03/2010	**3.6**	**4.0**	NA	CH2M
	10/26/2010	**4.3**	**3.3**	NA	CH2M
	01/25/2011	**3.1**	**3.4**	NA	CH2M
	04/07/2011	**4.3**	**3.6**	NA	CH2M
	09/06/2011	**3.5**	**3.5**	NA	CH2M
	11/10/2011	**3.4**	**3.5**	NA	CH2M
	02/01/2012	**3.0**	**3.1**	NA	CH2M
	05/07/2013	**2.6**	**2.3**	NA	CH2M
	07/10/2013	**2.4**	**2.2**	NA	CH2M
	10/09/2013	**2.2**	**2.1**	NA	CH2M
	01/15/2014	**2.3**	**1.9**	NA	CH2M
	04/02/2014	**2.5**	**2.2**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-44B	07/08/2014	**2.1**	**2.1**	NA	CH2M
	10/15/2014	**2.4**	**2.1**	NA	CH2M
	01/15/2015	**2.0**	**2.0**	NA	CH2M
	04/10/2015	**2.3**	**1.9**	NA	CH2M
	07/16/2015	**1.8**	**1.9**	NA	CH2M
	10/21/2015	**2.1**	**1.9**	NA	Arcadis
	01/13/2016	**3.3**	**1.8**	NA	Arcadis
	01/13/2016*	**3.2**	**1.8**	NA	Arcadis
	02/29/2016	**2.1**	**1.7**	NA	Arcadis
	04/20/2016	**2.0**	**1.9**	NA	Arcadis
	07/15/2016	**2.3**	**1.6**	NA	Arcadis
	10/18/2016	**1.7**	**1.6**	NA	Arcadis
	04/17/2017	**2.2**	**1.6**	NA	Arcadis
	10/13/2017	**1.6**	**1.6**	NA	Arcadis
	04/11/2018	**2.2**	**1.5**	NA	Arcadis
	10/19/2018	**1.9**	**1.5**	NA	Arcadis
	04/10/2019	**1.6**	**1.5**	NA	Arcadis
	10/21/2019	**1.9**	**1.3**	NA	Arcadis
	04/15/2020	**2.0**	**1.4**	NA	Arcadis
No. of Samples:	74				
MW-45A	03/12/2004	**2.5**	**1.9**	NA	CH2M
	04/26/2004	**4.0**	**4.0**	NA	CH2M
	09/01/2004	**4.36**	**2.0**	NA	CH2M
	02/07/2005	**6.0**	**5.03**	NA	CH2M
	08/18/2005	**25.8**	**26.6**	NA	CH2M
	10/14/2005	**24.8**	**22.4**	NA	CH2M
	12/07/2005	**22.7**	**22**	NA	CH2M
	02/15/2006	**26**	**25.6**	NA	CH2M
	04/19/2006	**21.7**	**19.3**	NA	CH2M
	06/13/2006	**17.2**	**19.4**	NA	CH2M
	08/10/2006	**20.1**	**22.5**	NA	CH2M
	10/18/2006	**19.4**	**21.1**	NA	CH2M
	12/05/2006	**22.1**	**26.2**	NA	CH2M
	02/13/2007	**24.7**	**25.1**	NA	CH2M
	04/12/2007	**31.6**	**29.7**	NA	CH2M
	06/19/2007	**33.6**	**36.5**	NA	CH2M
	07/25/2007	**42.6**	**41.1**	NA	CH2M
	08/17/2007	**44.5**	**45.6**	NA	CH2M
	10/15/2007	**50.2**	**52.6**	NA	CH2M
	12/05/2007	**45.3**	**50.3**	NA	CH2M
	02/13/2008	**49.4**	**59.9**	NA	CH2M
	04/07/2008	**48.2**	**53.2**	NA	CH2M
	06/11/2008	**53.9**	NA	**46.3**	CH2M
	08/12/2008	**49.1**	**49.2**	NA	CH2M
	11/04/2008	**49.2**	**52.9**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-45A	02/03/2009	**47.2**	**57.2**	NA	CH2M
	05/13/2009	**51.7**	**54**	NA	CH2M
	08/10/2009	**55.2**	**52.2**	NA	CH2M
	08/10/2009*	**52.5**	**50.3**	NA	CH2M
	11/17/2009	**45**	**46.2**	NA	CH2M
	02/10/2010	**41.6**	**43.4**	NA	CH2M
	05/11/2010	**45.5**	**42.6**	NA	CH2M
	08/03/2010	**40.4**	**42.8**	NA	CH2M
	10/26/2010	**39**	**40.3**	NA	CH2M
	01/25/2011	**28.6**	**30.8**	NA	CH2M
	04/28/2011	**31.7**	**32.6**	NA	CH2M
	08/04/2011	**21.9**	**20.5**	NA	CH2M
	11/09/2011	**18.2**	**16.8**	NA	CH2M
	02/01/2012	**13.7**	**13.5**	NA	CH2M
	04/17/2012	**11.2**	**10.5**	NA	CH2M
	07/20/2012	**9.1**	**8.1**	NA	CH2M
	10/04/2012	**7.5**	**6.8**	NA	CH2M
	02/01/2013	**5.3**	**5.0**	NA	CH2M
	04/02/2013	**3.9**	**3.8**	NA	CH2M
	04/02/2013*	**3.9**	**3.8**	NA	CH2M
	07/31/2013	**4.3**	**3.6**	NA	CH2M
	07/31/2013*	**4.1**	**3.6**	NA	CH2M
	10/16/2013	**2.9**	**2.5**	NA	CH2M
	01/21/2014	**2.4**	**2.3**	NA	CH2M
	04/02/2014	**3.2**	**3.0**	NA	CH2M
	07/08/2014	**2.3**	**2.3**	NA	CH2M
	10/14/2014	**2.6**	**2.5**	NA	CH2M
	01/13/2015	**2.7**	**3.0**	NA	CH2M
	04/09/2015	**3.3**	**3.0**	NA	CH2M
	07/23/2015	**2.7**	**2.8**	NA	CH2M
	10/09/2015	**2.3**	**2.2**	NA	Arcadis
	01/12/2016	**2.7**	**2.4**	NA	Arcadis
	04/14/2016	**2.7**	**2.4**	NA	Arcadis
	07/14/2016	**2.5**	**2.5**	NA	Arcadis
	10/17/2016	**1.9**	**1.6**	NA	Arcadis
	01/05/2017	**1.8**	**1.5**	NA	Arcadis
	01/05/2017*	**1.7**	**1.5**	NA	Arcadis
	04/19/2017	**1.9**	**1.7**	NA	Arcadis
	07/19/2017	**1.4**	**1.4**	NA	Arcadis
	10/12/2017	**1.3**	**1.3**	NA	Arcadis
	01/12/2018	ND (1.0)	**1.1**	NA	Arcadis
	04/12/2018	**1.2**	**1.1**	NA	Arcadis
	10/16/2018	**1.4**	**1.1**	NA	Arcadis
	10/16/2018*	**1.3**	**1.1**	NA	Arcadis
	04/09/2019	ND (1.0)	**0.54**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-45A	10/24/2019	**1.2**	**1.0**	NA	Arcadis
	10/24/2019*	**1.3**	**0.96**	NA	Arcadis
	04/14/2020	**1.2**	**0.74**	NA	Arcadis
No. of Samples:	73				
MW-45B	04/09/2004	**1.3**	**0.6**	NA	CH2M
	04/26/2004	**1.2**	**0.56**	NA	CH2M
	09/01/2004	**3.53**	**1.04**	NA	CH2M
	02/07/2005	**2.76**	**1.11**	NA	CH2M
	08/18/2005	**2.35**	**2.08**	NA	CH2M
	10/13/2005	**3.78**	**2.37**	NA	CH2M
	12/05/2005	**2.36**	**2.26**	NA	CH2M
	02/15/2006	**3.87**	**2.79**	NA	CH2M
	04/19/2006	**4.0**	**2.35**	NA	CH2M
	06/13/2006	**1.49**	**2.08**	NA	CH2M
	08/10/2006	**2.33**	**2.48**	NA	CH2M
	10/18/2006	**2.67**	**2.61**	NA	CH2M
	12/05/2006	**3.06**	**3.44**	NA	CH2M
	02/13/2007	**2.72**	**2.37**	NA	CH2M
	04/11/2007	**3.97**	**3.26**	NA	CH2M
	06/19/2007	**3.67**	**3.6**	NA	CH2M
	08/17/2007	**3.44**	**3.34**	NA	CH2M
	10/15/2007	**4.21**	**4.31**	NA	CH2M
	12/05/2007	**4.1**	**4.32**	NA	CH2M
	02/13/2008	**5.77**	**3.72**	NA	CH2M
	04/07/2008	**4.96**	**4.75**	NA	CH2M
	06/11/2008	**4.58**	**3.81**	NA	CH2M
	08/12/2008	**4.62**	**4.26**	NA	CH2M
	11/06/2008	**2.26**	**3.03**	NA	CH2M
	02/03/2009	**2.9**	**3.4**	NA	CH2M
	05/13/2009	**4.61**	**4.52**	NA	CH2M
	08/10/2009	**2.78**	**2.84**	NA	CH2M
	11/17/2009	**3.16**	**3.04**	NA	CH2M
	02/10/2010	**3.23**	**2.82**	NA	CH2M
	05/11/2010	**2.0**	**1.6**	NA	CH2M
	08/03/2010	**2.7**	**2.3**	NA	CH2M
	10/26/2010	**2.1**	**2.0**	NA	CH2M
	01/25/2011	**1.8**	**1.9**	NA	CH2M
	04/28/2011	**2.2**	**1.9**	NA	CH2M
	08/04/2011	**2.4**	**1.8**	NA	CH2M
	11/09/2011	**1.7**	**1.7**	NA	CH2M
	02/01/2012	**1.6**	**1.6**	NA	CH2M
	04/17/2012	**1.8**	**1.5**	NA	CH2M
	07/20/2012	**1.4**	**1.3**	NA	CH2M
	10/04/2012	**1.7**	**1.5**	NA	CH2M
	02/01/2013	**1.8**	**1.4**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-45B	04/02/2013	**1.6**	**1.3**	NA	CH2M
	07/09/2013	**2.0**	**1.2**	NA	CH2M
	10/16/2013	**1.7**	**1.3**	NA	CH2M
	01/21/2014	**1.5**	**1.3**	NA	CH2M
	04/02/2014	**1.5**	**1.4**	NA	CH2M
	07/08/2014	**1.4**	**1.3**	NA	CH2M
	10/14/2014	**1.5**	**1.2**	NA	CH2M
	10/14/2014*	**1.5**	**1.2**	NA	CH2M
	01/13/2015	**1.4**	**1.3**	NA	CH2M
	04/09/2015	**1.4**	**1.2**	NA	CH2M
	07/23/2015	**1.1**	**1.3**	NA	CH2M
	10/09/2015	**1.3**	**1.3**	NA	Arcadis
	10/09/2015*	**1.4**	**1.3**	NA	Arcadis
	01/12/2016	**1.8**	**1.2**	NA	Arcadis
	04/14/2016	**1.5**	**1.2**	NA	Arcadis
	07/14/2016	**1.3**	**1.3**	NA	Arcadis
	10/17/2016	**1.5**	**1.2**	NA	Arcadis
	04/19/2017	**1.3**	**1.2**	NA	Arcadis
	10/12/2017	**1.2**	**1.2**	NA	Arcadis
	04/12/2018	**1.4**	**1.2**	NA	Arcadis
	04/12/2018*	**1.3**	**1.3**	NA	Arcadis
	10/16/2018	**1.5**	**1.2**	NA	Arcadis
	04/09/2019	**1.3**	**1.3**	NA	Arcadis
	04/09/2019*	**1.4**	**1.3**	NA	Arcadis
	10/24/2019	**1.6**	**1.2**	NA	Arcadis
	04/14/2020	**1.8**	**1.2**	NA	Arcadis
No. of Samples:	67				
MW-46	03/12/2004	**3.4**	**0.26**	NA	CH2M
	04/27/2004	**2.3**	**0.3**	NA	CH2M
	09/02/2004	**4.45**	**0.427**	NA	CH2M
	02/09/2005	**2.83**	**0.38**	NA	CH2M
	08/23/2005	**1.81**	**0.54**	NA	CH2M
	02/17/2006	**3.43**	**0.602**	NA	CH2M
	02/17/2006*	**3.39**	**0.603**	NA	CH2M
	08/15/2006	ND (1.0)	**0.737**	NA	CH2M
	02/22/2007	ND (1.12)	**0.649**	NA	CH2M
	08/21/2007	ND (1.0)	**0.567**	NA	CH2M
	02/20/2008	**1.06**	**0.594**	NA	CH2M
	08/06/2008	ND (1.0)	**0.65**	NA	CH2M
	11/07/2008	ND (1.0)	**0.78**	NA	CH2M
	02/09/2009	**1.95**	**0.64**	NA	CH2M
	05/15/2009	**1.11**	**0.68**	NA	CH2M
	08/07/2009	**1.76**	**0.63**	NA	CH2M
	11/17/2009	ND (1.0)	**0.61**	NA	CH2M
	02/18/2010	ND (1.0)	**0.62**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-46	05/11/2010	ND (1.0)	**0.65**	NA	CH2M
	08/23/2010	**1.2**	**0.7**	NA	CH2M
	10/27/2010	ND (1.0)	**0.66**	NA	CH2M
	01/26/2011	ND (1.0)	**0.64**	NA	CH2M
	05/05/2011	**1.1**	**0.6**	NA	CH2M
	08/04/2011	ND (1.0)	**0.58**	NA	CH2M
	11/09/2011	ND (1.0)	**0.62**	NA	CH2M
	02/01/2012	ND (1.0)	**0.51**	NA	CH2M
	04/17/2012	ND (1.0)	**0.51**	NA	CH2M
	07/23/2012	ND (1.0)	**0.5**	NA	CH2M
	10/18/2012	ND (1.0)	**0.5**	NA	CH2M
	01/10/2013	ND (1.0)	**0.61**	NA	CH2M
	04/18/2013	ND (1.0)	**0.61**	NA	CH2M
	07/19/2013	ND (1.0)	ND (0.7)	NA	CH2M
	10/08/2013	ND (1.0)	**0.65**	NA	CH2M
	01/13/2014	**1.2**	**0.48**	NA	CH2M
	01/13/2014*	**1.1**	**0.46**	NA	CH2M
	04/07/2014	**1.0**	**0.64**	NA	CH2M
	07/15/2014	ND (1.0)	**0.56**	NA	CH2M
	10/17/2014	ND (1.0)	**0.59**	NA	CH2M
	01/06/2015	ND (1.0)	**0.58**	NA	CH2M
	04/16/2015	ND (1.0)	**0.58**	NA	CH2M
	07/22/2015	ND (1.0)	**0.59**	NA	CH2M
	10/22/2015	ND (1.0)	**0.65**	NA	Arcadis
	01/13/2016	NA	**0.62**	NA	Arcadis
	04/20/2016	**1.0**	**0.68**	NA	Arcadis
	07/19/2016	ND (1.0)	**0.67**	NA	Arcadis
	01/06/2017	ND (1.0)	**0.62**	NA	Arcadis
	07/25/2017	ND (1.0)	**0.5**	NA	Arcadis
	01/16/2018	**1.2**	**0.63**	NA	Arcadis
	07/18/2018	ND (1.0)	**0.51**	NA	Arcadis
No. of Samples:	49				
MW-46M	04/12/2019	ND (1.0)	**0.83**	NA	Arcadis
	07/10/2019	**1.1**	**0.39**	NA	Arcadis
	11/06/2019	**1.6**	**0.64**	NA	Arcadis
	01/14/2020	**1.1**	**0.67**	NA	Arcadis
	04/15/2020	**1.2**	**0.68**	NA	Arcadis
No. of Samples:	5				
MW-47	03/23/2004	**3.3**	**1.6**	NA	CH2M
	04/27/2004	**2.2**	**1.8**	NA	CH2M
	09/01/2004	**8.24**	**5.82**	NA	CH2M
	02/07/2005	**13.6**	**14.8**	NA	CH2M
	04/13/2005	**15.1**	**14.4**	NA	CH2M
	06/08/2005	**18.2**	**16.8**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-47	08/18/2005	**18.2**	**18.1**	NA	CH2M
	10/12/2005	**16**	**15**	NA	CH2M
	12/07/2005	**13**	**12.6**	NA	CH2M
	02/15/2006	**10.8**	**9.45**	NA	CH2M
	04/18/2006	**10.6**	**8.27**	NA	CH2M
	06/13/2006	**6.99**	8.55 J	NA	CH2M
	08/09/2006	**11.3**	**11.3**	NA	CH2M
	10/18/2006	**12.3**	**13.9**	NA	CH2M
	12/06/2006	**11.7**	**13.8**	NA	CH2M
	02/15/2007	**7.73**	**8.11**	NA	CH2M
	04/11/2007	**7.77**	**6.67**	NA	CH2M
	06/19/2007	**7.79**	**8.68**	NA	CH2M
	08/16/2007	**7.58**	**7.59**	NA	CH2M
	10/15/2007	**6.39**	**6.49**	NA	CH2M
	12/05/2007	**6.08**	**6.64**	NA	CH2M
	02/12/2008	**7.32**	**7.56**	NA	CH2M
	04/07/2008	**6.86**	**7.7**	NA	CH2M
	06/11/2008	**7.43**	**6.49**	NA	CH2M
	08/11/2008	**6.24**	**6.03**	NA	CH2M
	11/06/2008	**7.19**	**8.3**	NA	CH2M
	02/03/2009	**8.99**	**9.58**	NA	CH2M
	03/06/2009	**9.11**	**9.56**	NA	CH2M
	03/06/2009*	**9.14**	**9.58**	NA	CH2M
	05/13/2009	**9.28**	**9.7**	NA	CH2M
	08/10/2009	**10.5**	**11.4**	NA	CH2M
	11/17/2009	**9.57**	**9.82**	NA	CH2M
	02/10/2010	**10.6**	**10.4**	NA	CH2M
	05/11/2010	**11.4**	**10.4**	NA	CH2M
	08/03/2010	**10.2**	**10.2**	NA	CH2M
	10/26/2010	**6.4**	**7.0**	NA	CH2M
	01/25/2011	**5.1**	**5.1**	NA	CH2M
	04/28/2011	**3.8**	**2.9**	NA	CH2M
	06/01/2011	**2.9**	2.6 J	NA	CH2M
	06/01/2011*	**3.3**	3.8 J	NA	CH2M
	08/03/2011	**2.7**	**2.5**	NA	CH2M
	11/09/2011	**2.5**	**2.2**	NA	CH2M
	01/27/2012	**3.0**	**2.1**	NA	CH2M
	01/27/2012*	**2.4**	**2.1**	NA	CH2M
	04/17/2012	**3.9**	**3.4**	NA	CH2M
	07/20/2012	**2.7**	**2.8**	NA	CH2M
	10/05/2012	**2.6**	**2.4**	NA	CH2M
	02/01/2013	**2.8**	**2.4**	NA	CH2M
	04/02/2013	**3.0**	**2.4**	NA	CH2M
	07/10/2013	**2.9**	**2.3**	NA	CH2M
	10/16/2013	**2.7**	**2.4**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-47	01/21/2014	**2.4**	**2.3**	NA	CH2M
	04/03/2014	**2.7**	**2.5**	NA	CH2M
	07/09/2014	**2.8**	**2.3**	NA	CH2M
	07/09/2014*	**2.7**	**2.6**	NA	CH2M
	10/14/2014	**2.4**	**2.3**	NA	CH2M
	01/13/2015	**2.5**	**2.3**	NA	CH2M
	04/09/2015	**2.3**	**2.1**	NA	CH2M
	07/23/2015	**1.9**	**2.1**	NA	CH2M
	10/15/2015	**2.4**	**2.2**	NA	Arcadis
	01/12/2016	**2.7**	**2.0**	NA	Arcadis
	04/20/2016	**2.3**	**2.2**	NA	Arcadis
	04/20/2016*	**2.4**	**2.3**	NA	Arcadis
	07/14/2016	**2.5**	**2.3**	NA	Arcadis
	10/17/2016	**2.3**	**2.0**	NA	Arcadis
	04/13/2017	**2.0**	**2.0**	NA	Arcadis
	10/12/2017	**1.8**	**1.8**	NA	Arcadis
	04/12/2018	**1.7**	**1.6**	NA	Arcadis
	10/16/2018	**1.8**	**1.5**	NA	Arcadis
	04/09/2019	**2.2**	**1.5**	NA	Arcadis
	10/18/2019	**2.0**	**1.3**	NA	Arcadis
	05/07/2020	**1.6**	**1.3**	NA	Arcadis
No. of Samples:	72				
MW-47A	02/15/2007	**1.9**	**1.65**	NA	CH2M
	04/11/2007	**2.7**	**2.12**	NA	CH2M
	06/19/2007	**2.75**	**2.36**	NA	CH2M
	06/19/2007*	**2.46**	**2.45**	NA	CH2M
	08/16/2007	**2.08**	**2.09**	NA	CH2M
	10/15/2007	**2.97**	**2.54**	NA	CH2M
	12/05/2007	**2.12**	**2.44**	NA	CH2M
	02/12/2008	**2.24**	**2.44**	NA	CH2M
	04/07/2008	**3.44**	**1.57**	NA	CH2M
	06/11/2008	**2.39**	**2.3**	NA	CH2M
	06/11/2008*	**2.41**	**2.36**	NA	CH2M
	08/11/2008	**2.26**	**2.09**	NA	CH2M
	08/07/2009	**4.01**	**3.36**	NA	CH2M
	08/03/2010	**4.7**	**4.3**	NA	CH2M
	08/03/2011	**2.8**	**2.4**	NA	CH2M
	07/20/2012	**2.9**	**2.9**	NA	CH2M
	07/02/2013	**2.5**	**2.6**	NA	CH2M
	07/09/2014	**2.9**	**2.3**	NA	CH2M
	07/23/2015	**1.9**	**2.0**	NA	CH2M
No. of Samples:	19				
MW-48	03/23/2004	**2.1**	**0.75**	NA	CH2M
	04/28/2004	**1.1**	**0.86**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-48	09/02/2004	**1.98**	**1.04**	NA	CH2M
	02/08/2005	**3.32**	**1.02**	NA	CH2M
	08/23/2005	**1.26**	**1.14**	NA	CH2M
	02/20/2006	**1.53**	**1.28**	NA	CH2M
	08/09/2006	**1.0**	**1.24**	NA	CH2M
	02/22/2007	ND (1.24)	**1.4**	NA	CH2M
	08/21/2007	**1.41**	**1.39**	NA	CH2M
	02/18/2008	**1.33**	**1.38**	NA	CH2M
	08/11/2008	**1.48**	**1.35**	NA	CH2M
	08/05/2009	**1.81**	**1.31**	NA	CH2M
	08/20/2010	**1.4**	**1.6**	NA	CH2M
	08/05/2011	**1.6**	**1.4**	NA	CH2M
	08/05/2011*	**1.6**	**1.4**	NA	CH2M
	01/27/2012	**1.6**	**1.3**	NA	CH2M
	07/23/2012	**1.7**	**1.3**	NA	CH2M
	07/16/2013	**1.9**	**1.2**	NA	CH2M
	07/08/2014	**1.5**	**1.2**	NA	CH2M
	07/22/2015	**1.2**	**1.4**	NA	CH2M
	07/22/2015*	**1.2**	**1.4**	NA	CH2M
No. of Samples:	21				
MW-49A	04/09/2004	**5.1**	**4.3**	NA	CH2M
	04/27/2004	**5.2**	**4.2**	NA	CH2M
	09/01/2004	**12.2**	**3.91**	NA	CH2M
	02/08/2005	**9.63**	**3.87**	NA	CH2M
	06/08/2005	**7.29**	**3.67**	NA	CH2M
	08/19/2005	**4.42**	**3.38**	NA	CH2M
	10/12/2005	**6.68**	**3.25**	NA	CH2M
	12/07/2005	**3.8**	**3.58**	NA	CH2M
	02/15/2006	**7.29**	**3.7**	NA	CH2M
	04/20/2006	**7.43**	**3.78**	NA	CH2M
	06/14/2006	**3.1**	**3.42**	NA	CH2M
	08/11/2006	**3.22**	**3.8**	NA	CH2M
	10/19/2006	**2.95**	**3.38**	NA	CH2M
	12/07/2006	**3.97**	**3.89**	NA	CH2M
	02/16/2007	**4.0**	**3.9**	NA	CH2M
	04/10/2007	**4.13**	**3.74**	NA	CH2M
	06/19/2007	**4.32**	**4.19**	NA	CH2M
	07/25/2007	**5.31**	**4.22**	NA	CH2M
	08/16/2007	**2.66**	**4.18**	NA	CH2M
	10/17/2007	**4.17**	**4.44**	NA	CH2M
	12/06/2007	**4.67**	**4.37**	NA	CH2M
	02/14/2008	**4.5**	**4.46**	NA	CH2M
	04/08/2008	**4.75**	**4.28**	NA	CH2M
	06/12/2008	**5.65**	**4.58**	NA	CH2M
	08/12/2008	**4.56**	**4.13**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-49A	11/07/2008	**4.85**	**3.54**	NA	CH2M
	02/05/2009	ND (4.72)	**4.46**	NA	CH2M
	05/13/2009	**4.62**	**4.45**	NA	CH2M
	08/11/2009	**4.65**	**4.36**	NA	CH2M
	11/17/2009	**4.09**	**4.1**	NA	CH2M
	02/10/2010	**4.02**	**4.07**	NA	CH2M
	05/11/2010	**4.4**	**4.5**	NA	CH2M
	08/03/2010	**4.2**	**4.6**	NA	CH2M
	10/12/2010	**8.9**	**4.5**	NA	CH2M
	10/27/2010	**4.2**	**4.9**	NA	CH2M
	12/13/2010	**4.7**	**4.2**	NA	CH2M
	01/26/2011	**4.2**	**4.2**	NA	CH2M
	04/28/2011	**4.3**	**4.2**	NA	CH2M
	08/05/2011	**4.3**	**4.3**	NA	CH2M
	11/09/2011	**3.7**	**4.0**	NA	CH2M
	01/27/2012	**4.8**	**4.3**	NA	CH2M
	04/17/2012	**4.9**	**4.3**	NA	CH2M
	07/30/2012	**4.1**	**3.9**	NA	CH2M
	10/03/2012	**4.8**	**4.2**	NA	CH2M
	02/01/2013	**4.8**	**4.1**	NA	CH2M
	04/02/2013	**4.4**	**3.8**	NA	CH2M
	07/10/2013	**3.9**	**3.7**	NA	CH2M
	10/09/2013	**3.3**	**3.6**	NA	CH2M
	10/09/2013*	**3.6**	**3.6**	NA	CH2M
	01/14/2014	**3.8**	**3.7**	NA	CH2M
	04/16/2014	**4.0**	**3.7**	NA	CH2M
	07/22/2014	**3.9**	**3.8**	NA	CH2M
	10/13/2014	**3.7**	**3.9**	NA	CH2M
	10/13/2014*	**3.6**	**3.9**	NA	CH2M
	01/14/2015	**3.6**	**4.1**	NA	CH2M
	04/08/2015	**3.6**	**3.6**	NA	CH2M
	07/14/2015	**3.2**	**3.6**	NA	CH2M
	10/22/2015	**3.3**	**3.6**	NA	Arcadis
	01/12/2016	**3.5**	**3.5**	NA	Arcadis
	07/13/2016	**3.4**	**3.3**	NA	Arcadis
	01/05/2017	**3.4**	**3.5**	NA	Arcadis
	07/20/2017	**3.1**	**3.7**	NA	Arcadis
	10/11/2017	**3.5**	**3.8**	NA	Arcadis
	04/13/2018	**4.3**	**4.0**	NA	Arcadis
	04/13/2018*	**4.2**	**4.1**	NA	Arcadis
	10/15/2018	**5.2**	**4.6**	NA	Arcadis
	04/08/2019	**5.0**	**4.7**	NA	Arcadis
	10/24/2019	**5.3**	**4.6**	NA	Arcadis
	04/15/2020	**5.7**	**4.7**	NA	Arcadis
No. of Samples:	69				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-49B	04/09/2004	**3.0**	**2.0**	NA	CH2M
	04/27/2004	**3.2**	**1.8**	NA	CH2M
	09/01/2004	**8.56**	**2.1**	NA	CH2M
	02/08/2005	7.72 J	**2.2**	NA	CH2M
	02/08/2005*	10.1 J	**2.21**	NA	CH2M
	06/08/2005	**4.88**	**2.43**	NA	CH2M
	08/19/2005	**3.58**	**2.22**	NA	CH2M
	08/19/2005*	**3.44**	**2.2**	NA	CH2M
	10/14/2005	**3.16**	**2.0**	NA	CH2M
	12/07/2005	**2.37**	**2.24**	NA	CH2M
	02/15/2006	**6.29**	**2.52**	NA	CH2M
	02/15/2006*	**6.37**	**2.55**	NA	CH2M
	04/19/2006	5.33 J	**2.51**	NA	CH2M
	04/19/2006*	7.08 J	**2.46**	NA	CH2M
	06/14/2006	**1.9**	**2.18**	NA	CH2M
	06/14/2006*	**2.64**	**2.18**	NA	CH2M
	08/11/2006	**2.44**	**2.71**	NA	CH2M
	10/19/2006	**2.34**	**2.66**	NA	CH2M
	10/19/2006*	**2.71**	**2.66**	NA	CH2M
	12/07/2006	**2.85**	**2.94**	NA	CH2M
	12/07/2006*	**2.97**	**2.91**	NA	CH2M
	02/16/2007	**2.8**	**2.66**	NA	CH2M
	04/10/2007	**2.83**	**2.49**	NA	CH2M
	04/10/2007*	**2.75**	**2.5**	NA	CH2M
	06/19/2007	**4.25**	**2.69**	NA	CH2M
	08/16/2007	**2.47**	**2.53**	NA	CH2M
	10/17/2007	**2.02**	**2.26**	NA	CH2M
	12/06/2007	**2.69**	**2.37**	NA	CH2M
	02/14/2008	**2.82**	**2.49**	NA	CH2M
	04/08/2008	**2.73**	**2.36**	NA	CH2M
	06/12/2008	**2.53**	**2.41**	NA	CH2M
	08/12/2008	**1.74**	**1.95**	NA	CH2M
	08/11/2009	**2.19**	**2.07**	NA	CH2M
	02/10/2010	**1.65**	**1.74**	NA	CH2M
	08/03/2010	**1.8**	**2.1**	NA	CH2M
	08/05/2011	**2.1**	**2.1**	NA	CH2M
	01/27/2012	**2.4**	**2.0**	NA	CH2M
	07/30/2012	**2.5**	**2.0**	NA	CH2M
	07/10/2013	**2.1**	**2.0**	NA	CH2M
	07/22/2014	**2.0**	**2.0**	NA	CH2M
	01/14/2015	**1.9**	**2.0**	NA	CH2M
	07/14/2015	**1.6**	**1.8**	NA	CH2M
	10/19/2015	**1.6**	**1.9**	NA	Arcadis
	01/12/2016	**1.9**	**1.8**	NA	Arcadis
	07/13/2016	**1.7**	**1.8**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-49B	01/05/2017	**1.9**	**1.9**	NA	Arcadis
	04/13/2017	**1.8**	**1.7**	NA	Arcadis
	07/20/2017	**1.7**	**1.9**	NA	Arcadis
	10/11/2017	**1.8**	**1.9**	NA	Arcadis
	10/11/2017*	**1.7**	**1.9**	NA	Arcadis
	01/16/2018	**1.8**	**1.8**	NA	Arcadis
	04/13/2018	**2.0**	**1.8**	NA	Arcadis
	10/15/2018	**2.3**	**2.0**	NA	Arcadis
	04/08/2019	**2.3**	**2.0**	NA	Arcadis
	10/24/2019	**2.6**	**1.9**	NA	Arcadis
	04/15/2020	**2.5**	**2.1**	NA	Arcadis
No. of Samples:	56				
MW-49S	11/02/2010	**3.8**	**3.4**	NA	CH2M
	01/13/2011	**4.4**	**3.4**	NA	CH2M
	04/28/2011	**4.0**	**3.2**	NA	CH2M
	06/01/2011	**3.8**	**3.2**	NA	CH2M
	08/05/2011	**4.5**	**4.3**	NA	CH2M
	11/09/2011	**3.3**	**3.5**	NA	CH2M
	01/27/2012	**4.8**	**3.7**	NA	CH2M
	04/17/2012	**4.2**	**3.6**	NA	CH2M
	04/17/2012*	**4.8**	**3.6**	NA	CH2M
	07/30/2012	**4.0**	**3.5**	NA	CH2M
	10/03/2012	**4.1**	**3.8**	NA	CH2M
	02/01/2013	**4.5**	**3.9**	NA	CH2M
	04/02/2013	**2.3**	**1.1**	NA	CH2M
	07/10/2013	**4.1**	**3.5**	NA	CH2M
	10/09/2013	**3.5**	**3.2**	NA	CH2M
	01/14/2014	**3.7**	**3.6**	NA	CH2M
	01/14/2014*	**3.8**	**3.7**	NA	CH2M
	04/16/2014	**4.3**	**3.7**	NA	CH2M
	07/22/2014	**4.4**	**3.8**	NA	CH2M
	10/13/2014	**3.7**	**3.6**	NA	CH2M
	01/14/2015	**3.8**	**4.0**	NA	CH2M
	04/08/2015	**4.0**	**3.8**	NA	CH2M
	07/14/2015	**4.0**	**3.9**	NA	CH2M
	10/12/2015	**5.0**	**5.1**	NA	Arcadis
	01/12/2016	**5.0**	**4.0**	NA	Arcadis
	04/11/2016	**4.3**	**3.9**	NA	Arcadis
	07/13/2016	**4.4**	**4.4**	NA	Arcadis
	10/18/2016	**4.1**	**3.8**	NA	Arcadis
	02/01/2017	**5.6**	**5.2**	NA	Arcadis
	04/13/2017	**4.1**	**4.0**	NA	Arcadis
	07/20/2017	**3.6**	**4.1**	NA	Arcadis
	10/11/2017	**4.4**	**4.3**	NA	Arcadis
	10/11/2017*	**4.1**	**4.2**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-49S	01/16/2018	**5.2**	**4.0**	NA	Arcadis
	03/07/2018	**4.3**	**4.0**	NA	Arcadis
	04/13/2018	**4.0**	**3.8**	NA	Arcadis
	10/15/2018	**3.0**	**2.8**	NA	Arcadis
	04/08/2019	**3.9**	**3.6**	NA	Arcadis
	10/24/2019	**4.3**	**4.0**	NA	Arcadis
	04/15/2020	**5.2**	**4.3**	NA	Arcadis
No. of Samples:	40				
MW-50A	04/08/2004	**3.5**	**2.7**	NA	CH2M
	04/28/2004	**3.3**	**2.7**	NA	CH2M
	09/01/2004	**7.36**	**3.13**	NA	CH2M
	02/07/2005	**5.87**	**3.37**	NA	CH2M
	08/22/2005	**3.12**	**3.22**	NA	CH2M
	02/14/2006	**4.0**	**3.77**	NA	CH2M
	08/15/2006	**3.37**	**3.68**	NA	CH2M
	02/15/2007	**3.76**	**3.84**	NA	CH2M
	08/16/2007	**3.47**	**3.58**	NA	CH2M
	02/14/2008	**5.01**	**3.62**	NA	CH2M
	08/12/2008	**3.82**	**3.81**	NA	CH2M
	11/04/2008	**4.3**	**3.93**	NA	CH2M
	02/05/2009	**3.88**	**3.72**	NA	CH2M
	05/14/2009	**3.96**	**3.83**	NA	CH2M
	08/07/2009	**4.14**	**3.68**	NA	CH2M
	08/07/2009*	**4.1**	**3.67**	NA	CH2M
	11/12/2009	**3.45**	**3.51**	NA	CH2M
	02/15/2010	**3.59**	**3.5**	NA	CH2M
	02/15/2010*	**3.43**	**3.49**	NA	CH2M
	05/11/2010	**3.5**	**3.6**	NA	CH2M
	05/11/2010*	**3.4**	**3.6**	NA	CH2M
	08/02/2010	**3.7**	4.0 J	NA	CH2M
	08/02/2010*	**3.4**	3.2 J	NA	CH2M
	10/27/2010	**3.7**	**4.5**	NA	CH2M
	10/27/2010*	**3.8**	**4.6**	NA	CH2M
	12/13/2010	**4.7**	**4.0**	NA	CH2M
	12/13/2010*	**4.6**	**4.2**	NA	CH2M
	01/26/2011	**4.1**	**4.1**	NA	CH2M
	01/26/2011*	**4.0**	**4.2**	NA	CH2M
	05/03/2011	**4.4**	**3.7**	NA	CH2M
	08/08/2011	**3.3**	**3.4**	NA	CH2M
	11/01/2011	**3.4**	**3.3**	NA	CH2M
	02/03/2012	**3.4**	**3.3**	NA	CH2M
	04/24/2012	**3.5**	**3.4**	NA	CH2M
	07/17/2012	**3.1**	**3.3**	NA	CH2M
	10/03/2012	**3.8**	**3.5**	NA	CH2M
	01/17/2013	**3.3**	**3.4**	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-50A	04/10/2013	**3.5**	**3.3**	NA	CH2M
	07/10/2013	**4.0**	**3.1**	NA	CH2M
	07/10/2013*	**3.8**	**3.4**	NA	CH2M
	10/14/2013	**3.4**	**3.3**	NA	CH2M
	01/15/2014	**3.8**	**3.2**	NA	CH2M
	04/16/2014	**3.5**	**3.4**	NA	CH2M
	07/23/2014	**3.9**	**3.3**	NA	CH2M
	10/10/2014	**3.0**	**3.2**	NA	CH2M
	01/20/2015	**3.0**	**3.3**	NA	CH2M
	04/08/2015	**3.3**	**3.2**	NA	CH2M
	04/08/2015*	**3.3**	**3.2**	NA	CH2M
	07/10/2015	**3.2**	**3.3**	NA	CH2M
	10/13/2015	**3.4**	**3.6**	NA	Arcadis
No. of Samples:	50				
MW-50B	04/08/2004	**4.1**	**3.6**	NA	CH2M
	04/08/2004*	**3.8**	**3.6**	NA	CH2M
	04/28/2004	**4.3**	**3.4**	NA	CH2M
	09/01/2004	**6.37**	**3.06**	NA	CH2M
	10/13/2004	**3.56**	**3.22**	NA	CH2M
	02/03/2005	**3.87**	**3.32**	NA	CH2M
	04/13/2005	**4.17**	**3.37**	NA	CH2M
	08/16/2005	**3.74**	**3.31**	NA	CH2M
	10/12/2005	**4.33**	**3.38**	NA	CH2M
	02/14/2006	**4.28**	**3.28**	NA	CH2M
	04/18/2006	**6.24**	**3.24**	NA	CH2M
	08/15/2006	**3.09**	**3.19**	NA	CH2M
	12/04/2006	**2.71**	**3.26**	NA	CH2M
	02/15/2007	**2.86**	**2.96**	NA	CH2M
	04/10/2007	**3.34**	**3.08**	NA	CH2M
	08/16/2007	**3.08**	**2.97**	NA	CH2M
	12/10/2007	**3.2**	**2.89**	NA	CH2M
	02/14/2008	**3.1**	**2.98**	NA	CH2M
	04/10/2008	**3.19**	**2.96**	NA	CH2M
	08/13/2008	**2.87**	**2.83**	NA	CH2M
	11/05/2008	**2.41**	**2.75**	NA	CH2M
	02/04/2009	**2.7**	**2.74**	NA	CH2M
	05/14/2009	**3.0**	**2.72**	NA	CH2M
	05/14/2009*	**2.62**	**2.72**	NA	CH2M
	08/11/2009	**3.29**	**2.66**	NA	CH2M
	11/11/2009	**2.5**	**2.62**	NA	CH2M
	02/09/2010	**2.51**	**2.44**	NA	CH2M
	05/12/2010	**2.8**	**2.7**	NA	CH2M
	08/19/2010	**2.8**	**3.0**	NA	CH2M
	10/27/2010	**2.8**	**2.6**	NA	CH2M
	01/25/2011	**2.5**	**2.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-50B	05/03/2011	**3.6**	**2.7**	NA	CH2M
	05/03/2011*	**3.4**	**2.7**	NA	CH2M
	06/01/2011	**2.8**	**2.7**	NA	CH2M
	08/08/2011	**2.7**	**2.6**	NA	CH2M
	08/08/2011*	**2.6**	**2.7**	NA	CH2M
	11/01/2011	**2.6**	**2.4**	NA	CH2M
	01/13/2012	**3.4**	**2.7**	NA	CH2M
	04/10/2012	**2.8**	**2.6**	NA	CH2M
	07/24/2012	**2.7**	**2.5**	NA	CH2M
	10/09/2012	**2.6**	**2.5**	NA	CH2M
	01/29/2013	**2.4**	**2.4**	NA	CH2M
	04/10/2013	**2.5**	**2.3**	NA	CH2M
	07/31/2013	**2.5**	**2.3**	NA	CH2M
	10/14/2013	**2.4**	**2.4**	NA	CH2M
	01/24/2014	**2.4**	**2.4**	NA	CH2M
	04/16/2014	**2.6**	**2.6**	NA	CH2M
	04/16/2014*	**2.6**	**2.6**	NA	CH2M
	07/23/2014	**2.7**	**2.6**	NA	CH2M
	10/10/2014	**2.2**	**2.5**	NA	CH2M
	01/20/2015	**2.5**	**2.6**	NA	CH2M
	04/08/2015	**2.5**	**2.5**	NA	CH2M
	07/10/2015	**2.4**	**2.4**	NA	CH2M
	10/13/2015	**2.2**	**2.2**	NA	Arcadis
	01/06/2016	**2.4**	**2.3**	NA	Arcadis
	04/07/2016	**2.3**	**2.5**	NA	Arcadis
	07/13/2016	**3.0**	**2.7**	NA	Arcadis
	10/07/2016	**2.9**	**2.8**	NA	Arcadis
	04/12/2017	**3.5**	**3.0**	NA	Arcadis
	07/20/2017	**3.6**	**3.9**	NA	Arcadis
	10/19/2017	**6.7**	**6.7**	NA	Arcadis
	01/10/2018	**8.0**	**8.2**	NA	Arcadis
	04/09/2018	**7.6**	**7.7**	NA	Arcadis
	07/11/2018	**7.6**	**7.7**	NA	Arcadis
	10/09/2018	**5.8**	**5.8**	NA	Arcadis
	01/09/2019	**6.8**	**6.3**	NA	Arcadis
	04/05/2019	**6.1**	**6.6**	NA	Arcadis
	07/10/2019	**8.2**	**7.8**	NA	Arcadis
	10/24/2019	**7.5**	**6.9**	NA	Arcadis
	01/10/2020	**7.2**	**7.6**	NA	Arcadis
	04/07/2020	**6.8**	**6.9**	NA	Arcadis
No. of Samples:	71				
MW-50S	11/16/2010	**13.5**	**13.5**	NA	CH2M
	01/13/2011	**15.1**	**14.3**	NA	CH2M
	05/03/2011	**14.9**	**13.7**	NA	CH2M
	08/08/2011	**13.1**	**14.2**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-50S	11/01/2011	**12.4**	**13.6**	NA	CH2M
	02/03/2012	**13.5**	**13.5**	NA	CH2M
	04/24/2012	**13.4**	**13.3**	NA	CH2M
	07/17/2012	**12.1**	**12.3**	NA	CH2M
	10/03/2012	**13.8**	**13.1**	NA	CH2M
	10/03/2012*	**14.2**	**13.2**	NA	CH2M
	01/17/2013	**12.8**	**12.7**	NA	CH2M
	04/16/2013	**13**	**12.5**	NA	CH2M
	07/10/2013	**13.8**	**12.3**	NA	CH2M
	10/14/2013	**11.7**	**11.9**	NA	CH2M
	01/15/2014	**13.9**	**12**	NA	CH2M
	04/16/2014	**13**	**13**	NA	CH2M
	07/23/2014	**14**	**14**	NA	CH2M
	10/10/2014	**14**	**15**	NA	CH2M
	01/20/2015	**15**	**15**	NA	CH2M
	04/08/2015	**16**	**16**	NA	CH2M
	07/10/2015	**15**	**15**	NA	CH2M
	10/13/2015	**17**	**17**	NA	Arcadis
	01/06/2016	**17**	**15**	NA	Arcadis
	04/07/2016	**19**	**17**	NA	Arcadis
	07/13/2016	**17**	**16**	NA	Arcadis
	07/13/2016*	**16**	**16**	NA	Arcadis
	10/07/2016	**17**	**16**	NA	Arcadis
	01/04/2017	**15**	**15**	NA	Arcadis
	04/12/2017	**13**	**14**	NA	Arcadis
	07/20/2017	**14**	**15**	NA	Arcadis
	10/19/2017	**14**	**14**	NA	Arcadis
	01/10/2018	**14**	**13**	NA	Arcadis
	04/09/2018	**15**	**15**	NA	Arcadis
	07/11/2018	**15**	**15**	NA	Arcadis
	10/09/2018	**15**	**15**	NA	Arcadis
	01/09/2019	**15**	**12**	NA	Arcadis
	04/05/2019	**14**	**14**	NA	Arcadis
	07/10/2019	**13**	**13**	NA	Arcadis
	10/24/2019	**14**	**13**	NA	Arcadis
	01/10/2020	**12**	**12**	NA	Arcadis
	04/07/2020	**13**	**13**	NA	Arcadis
No. of Samples:	41				
MW-51	04/08/2004	ND (1.0)	**0.33**	NA	CH2M
	04/26/2004	ND (1.0)	**0.33**	NA	CH2M
	08/25/2004	**1.58**	**0.453**	NA	CH2M
	02/09/2005	**1.32**	**0.49**	NA	CH2M
	08/23/2005	ND (1.0)	**0.502**	NA	CH2M
	02/22/2006	**1.42**	**0.533**	NA	CH2M
	08/15/2006	ND (1.0)	**0.57**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-51	02/23/2007	ND (1.0)	**0.513**	NA	CH2M
	08/21/2007	ND (1.0)	**0.536**	NA	CH2M
	02/20/2008	ND (1.0)	**0.522**	NA	CH2M
	08/11/2008	ND (1.0)	**0.46**	NA	CH2M
	08/07/2009	**1.09**	**0.55**	NA	CH2M
	08/23/2010	ND (1.0)	**0.74**	NA	CH2M
	08/04/2011	ND (1.0)	**0.62**	NA	CH2M
	08/23/2012	ND (1.0)	**0.6**	NA	CH2M
	07/17/2013	ND (1.0)	**0.54**	NA	CH2M
	07/08/2014	ND (1.0)	**0.62**	NA	CH2M
	07/22/2015	ND (1.0)	**0.67**	NA	CH2M
No. of Samples:	18				
MW-52	04/08/2004	**2.4**	**1.8**	NA	CH2M
	04/27/2004	**3.0**	**1.6**	NA	CH2M
	09/02/2004	**3.85**	**1.64**	NA	CH2M
	02/10/2005	**3.7**	**2.81**	NA	CH2M
	08/23/2005	**1.96**	**1.78**	NA	CH2M
	02/17/2006	**5.36**	**3.89**	NA	CH2M
	08/11/2006	**1.27**	**1.91**	NA	CH2M
	02/23/2007	**1.48**	**1.52**	NA	CH2M
	08/21/2007	**1.6**	**1.31**	NA	CH2M
	02/18/2008	**1.6**	**1.24**	NA	CH2M
	02/18/2008*	**1.72**	**1.16**	NA	CH2M
	11/07/2008	ND (1.0)	**1.1**	NA	CH2M
	02/05/2009	**1.4**	**1.18**	NA	CH2M
	08/06/2009	**1.29**	**1.13**	NA	CH2M
	02/17/2010	**1.54**	**1.3**	NA	CH2M
	02/17/2010*	**1.46**	**1.31**	NA	CH2M
	08/23/2010	**1.4**	**1.7**	NA	CH2M
	08/23/2010*	**1.5**	**1.7**	NA	CH2M
	01/28/2011	**1.3**	**1.5**	NA	CH2M
	08/04/2011	**1.6**	**1.3**	NA	CH2M
	02/01/2012	**1.8**	**1.3**	NA	CH2M
	08/01/2012	**1.4**	**1.2**	NA	CH2M
	01/28/2013	**1.4**	**1.2**	NA	CH2M
	01/28/2013*	**1.5**	**1.2**	NA	CH2M
	07/18/2013	**1.5**	**1.2**	NA	CH2M
	01/15/2014	**1.5**	**1.2**	NA	CH2M
	07/08/2014	**1.3**	**1.4**	NA	CH2M
	01/16/2015	**1.6**	**1.5**	NA	CH2M
	01/16/2015*	**1.6**	**1.6**	NA	CH2M
	07/14/2015	**1.2**	**1.5**	NA	CH2M
	02/11/2019	**1.8**	**1.6**	NA	Arcadis
	04/11/2019	**2.1**	**1.6**	NA	Arcadis
	07/09/2019	**1.7**	**1.8**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-52	10/22/2019	**2.9**	**2.3**	NA	Arcadis
	01/14/2020	**2.0**	**1.9**	NA	Arcadis
	04/16/2020	**1.6**	**1.4**	NA	Arcadis
No. of Samples:	36				
MW-53	10/14/2004	**1.16**	**0.791**	NA	CH2M
	12/08/2004	ND (1.0)	**0.735**	NA	CH2M
	02/09/2005	**1.39**	**0.77**	NA	CH2M
	02/09/2005*	**1.55**	**0.78**	NA	CH2M
	08/23/2005	**1.17**	**0.783**	NA	CH2M
	02/20/2006	**1.08**	**0.828**	NA	CH2M
	08/11/2006	ND (1.0)	**0.968**	NA	CH2M
	02/22/2007	ND (1.0)	**0.831**	NA	CH2M
	08/21/2007	**1.08**	**0.819**	NA	CH2M
	02/20/2008	**1.9**	**0.815**	NA	CH2M
	08/06/2008	**1.22**	**0.74**	NA	CH2M
	08/07/2009	**1.4**	**0.86**	NA	CH2M
	02/18/2010	**1.81**	**0.81**	NA	CH2M
	08/23/2010	**1.6**	**1.1**	NA	CH2M
	01/28/2011	ND (1.0)	**1.0**	NA	CH2M
	08/05/2011	**1.1**	**0.98**	NA	CH2M
	02/01/2012	ND (1.0)	**0.92**	NA	CH2M
	02/01/2012*	ND (1.0)	**0.91**	NA	CH2M
	07/31/2012	**1.1**	**0.87**	NA	CH2M
	01/21/2013	ND (1.0)	**0.92**	NA	CH2M
	07/17/2013	**1.3**	**0.93**	NA	CH2M
	01/23/2014	**1.1**	**0.92**	NA	CH2M
	07/08/2014	ND (1.0)	**1.0**	NA	CH2M
	01/13/2015	**1.1**	**1.0**	NA	CH2M
	07/22/2015	ND (1.0)	**1.1**	NA	CH2M
No. of Samples:	25				
MW-54	10/14/2004	**2.05**	**1.74**	NA	CH2M
	12/08/2004	**1.71**	**1.91**	NA	CH2M
	02/07/2005	**3.78**	**1.89**	NA	CH2M
	08/22/2005	**2.53**	**1.55**	NA	CH2M
	10/13/2005	**2.27**	**1.65**	NA	CH2M
	12/09/2005	**2.85**	**1.93**	NA	CH2M
	02/22/2006	**5.06**	**2.2**	NA	CH2M
	04/19/2006	**4.54**	**2.23**	NA	CH2M
	06/14/2006	**2.07**	**2.2**	NA	CH2M
	10/19/2006	**2.13**	**2.17**	NA	CH2M
	12/06/2006	**2.55**	**2.61**	NA	CH2M
	02/20/2007	**2.6**	**2.65**	NA	CH2M
	04/19/2007	**3.23**	**2.81**	NA	CH2M
	06/20/2007	**2.88**	**3.05**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-54	06/20/2007*	**3.1**	**3.03**	NA	CH2M
	08/16/2007	**2.65**	**2.85**	NA	CH2M
	10/17/2007	**3.95**	**3.29**	NA	CH2M
	12/06/2007	**4.77**	**2.96**	NA	CH2M
	02/14/2008	**2.68**	**2.72**	NA	CH2M
	04/08/2008	**4.34**	**3.16**	NA	CH2M
	06/12/2008	**4.79**	**3.49**	NA	CH2M
	08/12/2008	**3.61**	**3.24**	NA	CH2M
	11/07/2008	**1.88**	**1.83**	NA	CH2M
	02/03/2009	**1.94**	**2.04**	NA	CH2M
	05/13/2009	**3.11**	**2.87**	NA	CH2M
	08/10/2009	**2.14**	**2.28**	NA	CH2M
	11/16/2009	**2.0**	**1.88**	NA	CH2M
	02/11/2010	**2.28**	**1.49**	NA	CH2M
	03/24/2010	**1.9**	**1.73**	NA	CH2M
	05/13/2010	**2.0**	**1.8**	NA	CH2M
	08/04/2010	**1.9**	**1.5**	NA	CH2M
	10/26/2010	**2.0**	**1.6**	NA	CH2M
	01/25/2011	**1.6**	**1.5**	NA	CH2M
	04/28/2011	**1.3**	**1.2**	NA	CH2M
	08/05/2011	**1.6**	**1.3**	NA	CH2M
	08/05/2011*	**1.7**	**1.3**	NA	CH2M
	11/09/2011	**1.4**	**0.96**	NA	CH2M
	02/01/2012	ND (1.0)	**0.86**	NA	CH2M
	04/17/2012	**1.4**	**0.89**	NA	CH2M
	07/31/2012	**1.2**	**0.8**	NA	CH2M
	10/03/2012	**1.3**	**0.81**	NA	CH2M
	01/23/2013	**1.1**	**0.87**	NA	CH2M
	04/16/2013	**1.1**	**0.88**	NA	CH2M
	04/16/2013*	**1.1**	**0.87**	NA	CH2M
	07/18/2013	**1.2**	**0.75**	NA	CH2M
	10/09/2013	ND (1.0)	**0.76**	NA	CH2M
	01/22/2014	ND (1.0)	**0.74**	NA	CH2M
	04/02/2014	**1.0**	**0.75**	NA	CH2M
	07/08/2014	ND (1.0)	**0.7**	NA	CH2M
	10/14/2014	**1.0**	**0.83**	NA	CH2M
	01/16/2015	**1.1**	**0.93**	NA	CH2M
	04/09/2015	**1.1**	**0.9**	NA	CH2M
	07/20/2015	ND (1.0)	**0.85**	NA	CH2M
	11/06/2015	ND (1.0)	**0.85**	NA	Arcadis
	01/12/2016	**2.1**	**0.71**	NA	Arcadis
	02/29/2016	**1.2**	ND (0.78)	NA	Arcadis
	04/21/2016	ND (1.0)	**0.79**	NA	Arcadis
	07/14/2016	**1.8**	**0.85**	NA	Arcadis
	10/13/2016	ND (1.0)	**0.74**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-54	10/13/2016*	ND (1.0)	**0.74**	NA	Arcadis
	01/05/2017	**1.2**	**0.86**	NA	Arcadis
	04/14/2017	ND (1.0)	**0.84**	NA	Arcadis
	04/14/2017*	ND (1.0)	**0.83**	NA	Arcadis
	07/19/2017	ND (1.0)	**0.9**	NA	Arcadis
	07/19/2017*	ND (1.0)	**0.9**	NA	Arcadis
	10/12/2017	**1.2**	**0.92**	NA	Arcadis
	01/12/2018	ND (1.0)	**0.8**	NA	Arcadis
	04/11/2018	**1.2**	**0.94**	NA	Arcadis
	04/11/2018*	**1.1**	**0.88**	NA	Arcadis
	10/16/2018	**1.4**	**0.91**	NA	Arcadis
	04/09/2019	**4.3**	**0.92**	NA	Arcadis
	04/09/2019*	**4.4**	**0.92**	NA	Arcadis
	06/05/2019	**1.0**	**0.88**	NA	Arcadis
	10/25/2019	**1.9**	**0.84**	NA	Arcadis
	12/05/2019	**2.6**	**0.88**	NA	Arcadis
No. of Samples:	75				
MW-55A	10/13/2004	**1.89**	**1.75**	NA	CH2M
	12/08/2004	ND (1.0)	**0.991**	NA	CH2M
	02/07/2005	**1.78**	**0.23**	NA	CH2M
	04/13/2005	**2.2**	**1.4**	NA	CH2M
	06/08/2005	**1.87**	ND (0.2)	NA	CH2M
	08/19/2005	ND (1.0)	ND (0.2)	NA	CH2M
	10/13/2005	**1.34**	ND (0.2)	NA	CH2M
	12/07/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2006	**1.17**	ND (0.2)	NA	CH2M
	04/19/2006	**1.83**	ND (0.2)	NA	CH2M
	06/13/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2006	ND (1.0)	ND (0.2)	NA	CH2M
	10/16/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/07/2006	ND (1.0)	ND (0.2)	NA	CH2M
	02/20/2007	ND (1.0)	ND (0.2)	NA	CH2M
	08/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	**0.21**	NA	CH2M
	08/03/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/27/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/25/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/01/2011	ND (1.0)	ND (0.091)	NA	CH2M
	01/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2012	ND (1.0)	**0.061**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-55A	07/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/17/2013	**1.4**	**1.3**	NA	CH2M
	04/10/2013	ND (1.0)	**0.39**	NA	CH2M
	04/10/2013*	ND (1.0)	**0.42**	NA	CH2M
	07/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2013	ND (1.0)	**0.8**	NA	CH2M
	01/22/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	**0.48**	NA	CH2M
	07/23/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	ND (0.061)	NA	CH2M
	01/19/2015	ND (1.0)	**0.64**	NA	CH2M
	01/19/2015*	ND (1.0)	**0.61**	NA	CH2M
	04/07/2015	ND (1.0)	**0.4**	NA	CH2M
	07/10/2015	ND (1.0)	ND (0.1)	NA	CH2M
	10/13/2015	ND (1.0)	ND (0.066)	NA	Arcadis
	01/08/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/21/2016	ND (1.0)	**0.07**	NA	Arcadis
	07/14/2016	ND (1.0)	**0.22**	NA	Arcadis
	11/03/2016	**2.0**	**1.8**	NA	Arcadis
	01/04/2017	ND (1.0)	**0.098**	NA	Arcadis
	04/11/2017	ND (1.0)	**0.97**	NA	Arcadis
	07/14/2017	ND (1.0)	**0.67**	NA	Arcadis
	10/09/2017	**1.2**	**1.1**	NA	Arcadis
	01/11/2018	ND (1.0)	**0.82**	NA	Arcadis
	04/09/2018	ND (1.0)	**0.71**	NA	Arcadis
	07/11/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	10/12/2018	ND (1.0)	**1.0**	NA	Arcadis
	10/12/2018*	**1.1**	**1.0**	NA	Arcadis
	01/09/2019	ND (1.0)	**0.52**	NA	Arcadis
	04/04/2019	ND (1.0)	**0.89**	NA	Arcadis
	07/10/2019	**1.1**	**1.1**	NA	Arcadis
	10/16/2019	ND (1.0)	**0.9**	NA	Arcadis
	01/07/2020	ND (1.0)	**0.22**	NA	Arcadis
	04/07/2020	ND (1.0)	**0.68**	NA	Arcadis
No. of Samples:	63				
MW-55B	10/13/2004	ND (1.0)	ND (0.2)	NA	CH2M
	12/08/2004	ND (1.0)	ND (0.2)	NA	CH2M
	02/07/2005	**2.34**	ND (0.2)	NA	CH2M
	08/19/2005	ND (1.0)	ND (0.2)	NA	CH2M
	02/16/2006	**1.06**	ND (0.2)	NA	CH2M
	08/15/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2006*	ND (1.0)	**0.205**	NA	CH2M
	02/20/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/20/2007*	ND (1.0)	ND (0.2)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-55B	08/14/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/14/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/07/2008	ND (1.0)	**0.22**	NA	CH2M
	08/05/2009	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/03/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/27/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/25/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/01/2011	ND (1.0)	ND (0.11)	NA	CH2M
	01/16/2012	ND (1.0)	**0.094**	NA	CH2M
	01/16/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2012	ND (1.0)	**0.095**	NA	CH2M
	07/12/2012	ND (1.0)	**0.11**	NA	CH2M
	07/12/2012*	ND (1.0)	**0.11**	NA	CH2M
	10/09/2012	ND (1.0)	**0.089**	NA	CH2M
	01/17/2013	ND (1.0)	ND (0.2)	NA	CH2M
	04/10/2013	ND (1.0)	**0.34**	NA	CH2M
	07/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/22/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	**0.093**	NA	CH2M
	07/23/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/23/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	**0.27**	NA	CH2M
	01/19/2015	ND (1.0)	**0.44**	NA	CH2M
	04/07/2015	ND (1.0)	**0.21**	NA	CH2M
	07/10/2015	ND (1.0)	**0.55**	NA	CH2M
	10/13/2015	ND (1.0)	**0.47**	NA	Arcadis
No. of Samples:	39				
MW-55C	11/13/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2010	ND (1.0)	**0.32**	NA	CH2M
	05/13/2010	ND (1.0)	**0.56**	NA	CH2M
	08/03/2010	ND (1.0)	**0.29**	NA	CH2M
	10/27/2010	ND (1.0)	**0.47**	NA	CH2M
	01/26/2011	ND (1.0)	**0.21**	NA	CH2M
	05/05/2011	ND (1.0)	**0.31**	NA	CH2M
	08/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/01/2011	ND (1.0)	**0.31**	NA	CH2M
	01/24/2012	ND (1.0)	**0.26**	NA	CH2M
	04/12/2012	ND (1.0)	**0.22**	NA	CH2M
	07/17/2012	ND (1.0)	**0.18**	NA	CH2M
	10/01/2012	ND (1.0)	ND (0.2)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-55C	01/29/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2013	ND (1.0)	**0.49**	NA	CH2M
	10/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	**0.2**	NA	CH2M
	07/23/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	**0.31**	NA	CH2M
	01/19/2015	ND (1.0)	**0.23**	NA	CH2M
	04/07/2015	ND (1.0)	**0.16**	NA	CH2M
	07/10/2015	ND (1.0)	**0.24**	NA	CH2M
	07/10/2015*	ND (1.0)	**0.26**	NA	CH2M
	10/13/2015	ND (1.0)	**0.3**	NA	Arcadis
	04/21/2016	ND (1.0)	**0.3**	NA	Arcadis
	10/13/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/11/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2018	ND (1.0)	**0.28**	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	36				
MW-55S	10/27/2010	**3.4**	**2.4**	NA	CH2M
	01/13/2011	**3.8**	**3.2**	NA	CH2M
	05/05/2011	**4.4**	**2.8**	NA	CH2M
	06/01/2011	**2.7**	**2.9**	NA	CH2M
	08/02/2011	**3.5**	**2.8**	NA	CH2M
	11/01/2011	**3.3**	**2.4**	NA	CH2M
	02/03/2012	**3.2**	**2.7**	NA	CH2M
	04/24/2012	**2.7**	**2.6**	NA	CH2M
	07/31/2012	**3.5**	**2.5**	NA	CH2M
	10/01/2012	**3.1**	**2.8**	NA	CH2M
	01/17/2013	**3.1**	**2.6**	NA	CH2M
	04/10/2013	**3.1**	**2.6**	NA	CH2M
	07/15/2013	**3.1**	**2.5**	NA	CH2M
	10/14/2013	**3.1**	**2.6**	NA	CH2M
	01/15/2014	**3.5**	**2.4**	NA	CH2M
	01/15/2014*	**3.2**	**2.4**	NA	CH2M
	04/16/2014	**3.3**	**2.9**	NA	CH2M
	07/23/2014	**2.8**	**2.7**	NA	CH2M
	10/09/2014	**2.6**	**2.7**	NA	CH2M
	01/19/2015	**2.5**	**2.8**	NA	CH2M
	04/07/2015	**2.7**	**2.6**	NA	CH2M
	07/10/2015	**2.9**	**2.5**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-55S	07/10/2015*	**3.2**	**2.5**	NA	CH2M
	10/13/2015	**2.7**	**2.7**	NA	Arcadis
	01/08/2016	**3.5**	**2.5**	NA	Arcadis
	04/21/2016	**3.2**	**2.8**	NA	Arcadis
	07/14/2016	**3.2**	**2.7**	NA	Arcadis
	10/13/2016	**2.6**	**2.3**	NA	Arcadis
	01/04/2017	**1.8**	**1.5**	NA	Arcadis
	04/11/2017	**2.5**	**2.4**	NA	Arcadis
	07/14/2017	**3.0**	**2.3**	NA	Arcadis
	10/09/2017	**3.1**	**2.4**	NA	Arcadis
	01/11/2018	**2.6**	**2.4**	NA	Arcadis
	04/18/2018	**2.7**	**2.3**	NA	Arcadis
	07/11/2018	**3.0**	**1.9**	NA	Arcadis
	10/12/2018	**2.4**	**2.4**	NA	Arcadis
	01/09/2019	**3.7**	**2.1**	NA	Arcadis
	03/07/2019	**2.7**	**2.4**	NA	Arcadis
	04/04/2019	**2.7**	**2.3**	NA	Arcadis
	07/10/2019	**3.1**	**2.3**	NA	Arcadis
	10/16/2019	**3.0**	**2.1**	NA	Arcadis
	01/07/2020	**2.7**	**2.1**	NA	Arcadis
	04/07/2020	**2.5**	**1.9**	NA	Arcadis
No. of Samples:	43				
MW-56	10/14/2004	**5.19**	**4.77**	NA	CH2M
	12/08/2004	**5.97**	**5.63**	NA	CH2M
	02/04/2005	**5.75**	**4.74**	NA	CH2M
	08/22/2005	**3.68**	**3.72**	NA	CH2M
	02/16/2006	**5.48**	**3.34**	NA	CH2M
	08/16/2006	**4.55**	**5.18**	NA	CH2M
	02/16/2007	**4.6**	**4.52**	NA	CH2M
	08/15/2007	**4.77**	**4.87**	NA	CH2M
	02/13/2008	**7.21**	**5.4**	NA	CH2M
	08/05/2008	**6.39**	**6.24**	NA	CH2M
	08/05/2008*	**5.95**	**6.53**	NA	CH2M
	11/06/2008	**6.47**	**7.32**	NA	CH2M
	02/05/2009	**7.62**	**7.38**	NA	CH2M
	02/05/2009*	**7.88**	**7.84**	NA	CH2M
	03/05/2009	**7.31**	**8.59**	NA	CH2M
	05/14/2009	**7.85**	**7.91**	NA	CH2M
	08/05/2009	**6.83**	**7.04**	NA	CH2M
	08/05/2009*	**7.15**	**6.94**	NA	CH2M
	11/17/2009	**7.62**	**7.51**	NA	CH2M
	02/16/2010	**11**	**9.96**	NA	CH2M
	05/13/2010	**8.3**	**8.0**	NA	CH2M
	08/02/2010	**6.4**	**6.4**	NA	CH2M
	10/29/2010	**6.3**	**6.4**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-56	01/27/2011	**6.7**	**6.9**	NA	CH2M
	05/05/2011	**8.2**	**7.0**	NA	CH2M
	08/05/2011	**6.8**	**6.3**	NA	CH2M
	11/10/2011	**7.2**	**6.3**	NA	CH2M
	11/10/2011*	**6.8**	**6.3**	NA	CH2M
	02/02/2012	**6.1**	**5.9**	NA	CH2M
	04/27/2012	**6.3**	**6.1**	NA	CH2M
	07/31/2012	**5.0**	**4.4**	NA	CH2M
	10/03/2012	**5.0**	**4.6**	NA	CH2M
	01/28/2013	**6.1**	**5.3**	NA	CH2M
	04/10/2013	**5.9**	**5.8**	NA	CH2M
	07/10/2013	**6.0**	**5.8**	NA	CH2M
	10/15/2013	**4.5**	**4.4**	NA	CH2M
	10/15/2013*	**4.2**	**4.4**	NA	CH2M
	01/15/2014	**5.4**	**4.8**	NA	CH2M
	04/16/2014	**5.6**	**5.4**	NA	CH2M
	07/22/2014	**5.6**	**5.4**	NA	CH2M
	10/10/2014	**4.8**	**5.3**	NA	CH2M
	01/20/2015	**4.7**	**4.9**	NA	CH2M
	04/08/2015	**5.6**	**5.4**	NA	CH2M
	07/10/2015	**6.1**	**5.5**	NA	CH2M
	10/20/2015	**5.1**	**5.4**	NA	Arcadis
	01/12/2016	**5.3**	**5.6**	NA	Arcadis
	07/15/2016	**6.5**	**6.4**	NA	Arcadis
	01/05/2017	**6.1**	**5.9**	NA	Arcadis
	07/21/2017	**6.3**	**7.0**	NA	Arcadis
	10/10/2017	**9.8**	**10**	NA	Arcadis
	04/17/2018	**10**	**11**	NA	Arcadis
	10/10/2018	**7.1**	**7.1**	NA	Arcadis
	04/04/2019	**7.6**	**7.3**	NA	Arcadis
	10/25/2019	**11**	**11**	NA	Arcadis
	12/05/2019	**15**	**16**	NA	Arcadis
	04/07/2020	**10**	**10**	NA	Arcadis
No. of Samples:	56				
MW-57	01/26/2006	**2.26**	**2.75**	NA	CH2M
	02/17/2006	**3.12**	**2.54**	NA	CH2M
	04/20/2006	**3.07**	**2.58**	NA	CH2M
	06/14/2006	**2.11**	**2.38**	NA	CH2M
	08/16/2006	**2.4**	**2.86**	NA	CH2M
	10/19/2006	**2.38**	**2.62**	NA	CH2M
	12/05/2006	**2.54**	**2.79**	NA	CH2M
	12/05/2006*	**2.54**	**2.86**	NA	CH2M
	02/20/2007	**2.66**	**2.65**	NA	CH2M
	04/11/2007	**3.12**	**2.4**	NA	CH2M
	04/11/2007*	**2.84**	**2.39**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-57	06/19/2007	**2.72**	**2.55**	NA	CH2M
	08/16/2007	**2.35**	**2.51**	NA	CH2M
	08/16/2007*	**2.48**	**2.5**	NA	CH2M
	10/17/2007	**3.67**	**2.83**	NA	CH2M
	12/06/2007	**4.21**	**2.69**	NA	CH2M
	02/14/2008	**5.01**	**2.68**	NA	CH2M
	04/08/2008	**3.41**	**2.67**	NA	CH2M
	06/11/2008	**3.13**	**2.81**	NA	CH2M
	06/11/2008*	**3.22**	**2.84**	NA	CH2M
	08/12/2008	**3.07**	**2.73**	NA	CH2M
	11/04/2008	**2.4**	**2.73**	NA	CH2M
	02/03/2009	**2.35**	**2.85**	NA	CH2M
	08/10/2009	**3.25**	**3.03**	NA	CH2M
	02/11/2010	**2.98**	**2.32**	NA	CH2M
	03/24/2010	**2.34**	**2.81**	NA	CH2M
	03/24/2010*	**2.58**	**2.88**	NA	CH2M
	05/13/2010	**2.9**	**2.95**	NA	CH2M
	08/04/2010	**3.0**	**2.8**	NA	CH2M
	10/26/2010	**2.6**	**2.9**	NA	CH2M
	01/25/2011	**2.5**	**2.7**	NA	CH2M
	05/05/2011	**3.5**	**2.8**	NA	CH2M
	08/08/2011	**3.6**	**3.1**	NA	CH2M
	11/10/2011	**3.0**	**2.8**	NA	CH2M
	02/02/2012	**2.8**	**2.8**	NA	CH2M
	04/17/2012	**3.3**	**2.8**	NA	CH2M
	06/13/2012	**3.0**	**2.8**	NA	CH2M
	07/30/2012	**3.0**	**2.6**	NA	CH2M
	10/02/2012	**2.8**	**2.8**	NA	CH2M
	01/29/2013	**2.8**	**2.7**	NA	CH2M
	04/02/2013	**3.0**	**2.5**	NA	CH2M
	07/02/2013	**2.5**	**2.6**	NA	CH2M
	10/04/2013	**2.4**	**2.6**	NA	CH2M
	01/16/2014	**2.3**	**2.3**	NA	CH2M
	04/15/2014	**2.5**	**2.5**	NA	CH2M
	04/15/2014*	**2.6**	**2.5**	NA	CH2M
	07/21/2014	**2.7**	**2.3**	NA	CH2M
	10/14/2014	**2.5**	**2.4**	NA	CH2M
	01/22/2015	**2.3**	**2.4**	NA	CH2M
	04/08/2015	**2.4**	**2.2**	NA	CH2M
	07/22/2015	**1.9**	**2.2**	NA	CH2M
	10/09/2015	**3.1**	**2.3**	NA	Arcadis
	04/21/2016	**2.8**	**2.0**	NA	Arcadis
	10/12/2016	**2.2**	**1.9**	NA	Arcadis
	04/12/2017	**2.6**	**1.7**	NA	Arcadis
	10/11/2017	**2.2**	**1.9**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-57	04/11/2018	**2.0**	**1.8**	NA	Arcadis
	10/12/2018	**2.4**	**1.9**	NA	Arcadis
	04/05/2019	**1.8**	**1.6**	NA	Arcadis
	10/25/2019	**2.4**	**1.5**	NA	Arcadis
	04/10/2020	**1.8**	**1.4**	NA	Arcadis
No. of Samples:	61				
MW-57D	07/26/2011	**1.3**	**1.6**	NA	CH2M
	11/10/2011	**2.5**	**2.3**	NA	CH2M
	02/02/2012	**2.6**	**2.7**	NA	CH2M
	04/17/2012	**3.4**	**2.7**	NA	CH2M
	06/13/2012	**2.7**	**2.6**	NA	CH2M
	07/30/2012	**3.0**	**2.4**	NA	CH2M
	10/02/2012	**2.9**	**2.8**	NA	CH2M
	01/29/2013	**2.8**	**2.6**	NA	CH2M
	04/16/2013	**2.8**	**2.7**	NA	CH2M
	07/02/2013	**2.5**	**2.8**	NA	CH2M
	10/04/2013	**2.7**	**2.9**	NA	CH2M
	01/16/2014	**2.6**	**2.6**	NA	CH2M
	04/15/2014	**2.8**	**2.7**	NA	CH2M
	07/21/2014	**2.9**	**2.6**	NA	CH2M
	10/14/2014	**2.7**	**2.6**	NA	CH2M
	01/22/2015	**2.6**	**2.7**	NA	CH2M
	04/08/2015	**2.8**	**2.5**	NA	CH2M
	04/08/2015*	**2.7**	**2.5**	NA	CH2M
	07/22/2015	**2.2**	**2.5**	NA	CH2M
	10/09/2015	**2.8**	**2.5**	NA	Arcadis
	04/21/2016	**2.2**	**2.4**	NA	Arcadis
	10/12/2016	**2.4**	**2.2**	NA	Arcadis
	04/12/2017	**2.8**	**2.0**	NA	Arcadis
	10/11/2017	**2.2**	**2.1**	NA	Arcadis
	04/11/2018	**2.2**	**2.0**	NA	Arcadis
	10/12/2018	**2.2**	**2.0**	NA	Arcadis
	04/05/2019	**2.0**	**1.7**	NA	Arcadis
	10/25/2019	**2.2**	**1.8**	NA	Arcadis
	04/10/2020	**2.2**	**1.9**	NA	Arcadis
No. of Samples:	29				
MW-58	01/25/2006	**2.0**	**2.08**	NA	CH2M
	02/17/2006	**3.03**	**1.98**	NA	CH2M
	04/20/2006	**2.48**	**1.11**	NA	CH2M
	06/14/2006	**1.07**	**1.25**	NA	CH2M
	08/16/2006	**1.47**	**1.66**	NA	CH2M
	10/18/2006	**1.25**	**1.17**	NA	CH2M
	12/06/2006	**1.69**	**1.61**	NA	CH2M
	02/20/2007	ND (1.0)	**0.724**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-58	04/12/2007	**1.39**	**1.2**	NA	CH2M
	06/19/2007	**1.86**	**1.82**	NA	CH2M
	08/17/2007	**1.59**	**1.65**	NA	CH2M
	10/17/2007	**2.12**	**1.94**	NA	CH2M
	10/17/2007*	**2.04**	**1.95**	NA	CH2M
	12/06/2007	**3.17**	**1.96**	NA	CH2M
	02/12/2008	**1.9**	**1.96**	NA	CH2M
	04/08/2008	**2.24**	**1.84**	NA	CH2M
	06/12/2008	**2.55**	**1.91**	NA	CH2M
	08/13/2008	**2.16**	**1.66**	NA	CH2M
	02/03/2009	**1.68**	**1.81**	NA	CH2M
	08/11/2009	**2.06**	**1.71**	NA	CH2M
	08/11/2009*	**1.97**	**1.72**	NA	CH2M
	02/11/2010	**2.33**	**1.52**	NA	CH2M
	03/24/2010	**2.12**	**1.81**	NA	CH2M
	05/13/2010	ND (1.0)	**0.74**	NA	CH2M
	08/04/2010	ND (1.0)	**0.37**	NA	CH2M
	10/26/2010	**3.6**	**0.45**	NA	CH2M
	01/25/2011	ND (1.0)	**0.49**	NA	CH2M
	01/25/2011*	ND (1.0)	**0.45**	NA	CH2M
	04/28/2011	**1.4**	**0.58**	NA	CH2M
	08/08/2011	ND (1.0)	**0.5**	NA	CH2M
	11/10/2011	ND (1.0)	**0.55**	NA	CH2M
	02/02/2012	ND (1.0)	**0.58**	NA	CH2M
	04/17/2012	ND (1.0)	**0.55**	NA	CH2M
	07/23/2012	ND (1.0)	**0.54**	NA	CH2M
	10/01/2012	ND (1.0)	**0.67**	NA	CH2M
	01/22/2013	ND (1.0)	**0.64**	NA	CH2M
	04/16/2013	ND (1.0)	**0.7**	NA	CH2M
	07/11/2013	ND (1.0)	**0.64**	NA	CH2M
	07/11/2013*	ND (1.0)	**0.64**	NA	CH2M
	10/09/2013	ND (1.0)	**0.66**	NA	CH2M
	01/22/2014	ND (1.0)	**0.61**	NA	CH2M
	04/02/2014	ND (1.0)	**0.67**	NA	CH2M
	07/09/2014	ND (1.0)	**0.7**	NA	CH2M
	10/15/2014	ND (1.0)	**0.68**	NA	CH2M
	10/15/2014*	ND (1.0)	**0.68**	NA	CH2M
	01/21/2015	ND (1.0)	**0.79**	NA	CH2M
	04/09/2015	ND (1.0)	**0.75**	NA	CH2M
	07/20/2015	ND (1.0)	**0.8**	NA	CH2M
	10/09/2015	ND (1.0)	**0.7**	NA	Arcadis
	10/09/2015*	ND (1.0)	**0.63**	NA	Arcadis
	01/13/2016	**1.1**	**0.55**	NA	Arcadis
	04/18/2016	ND (1.0)	**0.61**	NA	Arcadis
	07/20/2016	ND (1.0)	**0.62**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-58	07/20/2016*	ND (1.0)	**0.63**	NA	Arcadis
	10/31/2016	ND (1.0)	**0.55**	NA	Arcadis
	10/31/2016*	ND (1.0)	**0.54**	NA	Arcadis
	04/17/2017	ND (1.0)	**0.57**	NA	Arcadis
	04/17/2017*	ND (1.0)	**0.53**	NA	Arcadis
	10/12/2017	ND (1.0)	**0.55**	NA	Arcadis
	04/11/2018	ND (1.0)	**0.63**	NA	Arcadis
	10/16/2018	ND (1.0)	**0.43**	NA	Arcadis
	04/09/2019	ND (1.0)	**0.29**	NA	Arcadis
	10/18/2019	ND (1.0)	**0.39**	NA	Arcadis
	05/07/2020	**1.6**	**0.47**	NA	Arcadis
	05/07/2020*	**1.5**	**0.46**	NA	Arcadis
	06/05/2020	ND (1.0)	ND (0.49)	NA	Arcadis
No. of Samples:	66				
MW-59	09/06/2006	**1.2**	**1.41**	NA	CH2M
	10/18/2006	ND (1.0)	**1.28**	NA	CH2M
	12/14/2006	**1.63**	**1.15**	NA	CH2M
	02/20/2007	**2.06**	**1.46**	NA	CH2M
	04/12/2007	**2.0**	**1.4**	NA	CH2M
	06/19/2007	**3.71**	**1.66**	NA	CH2M
	08/17/2007	**1.5**	**1.5**	NA	CH2M
	10/17/2007	**1.89**	ND (1.69)	NA	CH2M
	12/06/2007	**1.8**	**1.5**	NA	CH2M
	12/06/2007*	**1.84**	**1.49**	NA	CH2M
	02/14/2008	**3.71**	**1.63**	NA	CH2M
	04/08/2008	**2.32**	**1.62**	NA	CH2M
	06/12/2008	**2.38**	**2.18**	NA	CH2M
	08/13/2008	**2.26**	**1.83**	NA	CH2M
	02/04/2009	**2.01**	**1.8**	NA	CH2M
	08/05/2009	**1.79**	**1.68**	NA	CH2M
	02/17/2010	**1.68**	**1.78**	NA	CH2M
	03/24/2010	**1.65**	**1.78**	NA	CH2M
	05/13/2010	**1.92**	**1.91**	NA	CH2M
	08/04/2010	**1.9**	**1.9**	NA	CH2M
	10/26/2010	**1.8**	**2.1**	NA	CH2M
	01/25/2011	**2.0**	**1.7**	NA	CH2M
	04/28/2011	**2.7**	**1.9**	NA	CH2M
	06/01/2011	**2.3**	**2.2**	NA	CH2M
	08/08/2011	**2.4**	**2.0**	NA	CH2M
	11/10/2011	**2.2**	**2.0**	NA	CH2M
	02/02/2012	**1.6**	**1.8**	NA	CH2M
	04/17/2012	**2.4**	**1.9**	NA	CH2M
	07/23/2012	**1.8**	**1.7**	NA	CH2M
	10/08/2012	**1.7**	**1.7**	NA	CH2M
	10/08/2012*	**1.9**	**1.7**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-59	01/22/2013	**1.7**	**1.6**	NA	CH2M
	04/16/2013	**1.8**	**1.7**	NA	CH2M
	07/11/2013	**2.4**	**1.5**	NA	CH2M
	10/09/2013	**1.6**	**1.5**	NA	CH2M
	01/22/2014	**2.2**	**1.8**	NA	CH2M
	04/02/2014	**1.9**	**1.8**	NA	CH2M
	07/09/2014	**1.6**	**1.7**	NA	CH2M
	10/15/2014	**1.8**	**1.7**	NA	CH2M
	01/21/2015	**1.9**	**1.6**	NA	CH2M
	04/09/2015	**1.7**	**1.6**	NA	CH2M
	07/15/2015	**1.2**	**1.5**	NA	CH2M
	07/15/2015*	**1.3**	**1.5**	NA	CH2M
	10/09/2015	**1.6**	**1.4**	NA	Arcadis
	10/31/2016	**1.7**	**1.4**	NA	Arcadis
	10/12/2017	**1.6**	**1.5**	NA	Arcadis
	10/15/2018	**1.5**	**1.5**	NA	Arcadis
	10/18/2019	**1.8**	**1.3**	NA	Arcadis
No. of Samples:	48				
MW-61	02/21/2007	**1.21**	**1.11**	NA	CH2M
	04/13/2007	**1.51**	**1.24**	NA	CH2M
	06/20/2007	**1.82**	**1.84**	NA	CH2M
	08/21/2007	**1.79**	**1.58**	NA	CH2M
	10/18/2007	**1.91**	ND (1.41)	NA	CH2M
	12/04/2007	**1.44**	**1.41**	NA	CH2M
	02/18/2008	**2.53**	**1.55**	NA	CH2M
	04/10/2008	**2.74**	**1.51**	NA	CH2M
	06/12/2008	**2.68**	**1.9**	NA	CH2M
	08/06/2008	**2.04**	**1.99**	NA	CH2M
	11/07/2008	**1.02**	**1.31**	NA	CH2M
	02/03/2009	**1.58**	**0.985**	NA	CH2M
	05/13/2009	**1.58**	**1.59**	NA	CH2M
	08/12/2009	**1.86**	**1.83**	NA	CH2M
	11/17/2009	**2.08**	**1.43**	NA	CH2M
	11/17/2009*	**1.93**	**1.44**	NA	CH2M
	02/11/2010	**1.49**	**1.0**	NA	CH2M
	02/11/2010*	**1.61**	**1.0**	NA	CH2M
	05/11/2010	**1.41**	**1.22**	NA	CH2M
	05/11/2010*	**1.29**	**1.3**	NA	CH2M
	08/06/2010	**1.4**	**1.3**	NA	CH2M
	08/06/2010*	**1.4**	**1.4**	NA	CH2M
	10/29/2010	**1.5**	**1.4**	NA	CH2M
	10/29/2010*	**1.5**	**1.4**	NA	CH2M
	01/27/2011	**1.2**	**1.4**	NA	CH2M
	01/27/2011*	**1.2**	**1.4**	NA	CH2M
	05/05/2011	ND (1.0)	**0.5**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-61	06/01/2011	**1.7**	**1.5**	NA	CH2M
	08/08/2011	**1.1**	**0.96**	NA	CH2M
	11/10/2011	ND (1.0)	**0.46**	NA	CH2M
	02/02/2012	ND (1.0)	**0.29**	NA	CH2M
	04/18/2012	ND (1.0)	**0.57**	NA	CH2M
	07/23/2012	ND (1.0)	**0.18**	NA	CH2M
	07/23/2012*	ND (1.0)	**0.32**	NA	CH2M
	10/09/2012	ND (1.0)	**0.084**	NA	CH2M
	04/19/2013	ND (1.0)	**0.12**	NA	CH2M
No. of Samples:	36				
MW-61R	09/13/2016	**3.7**	**3.4**	NA	Arcadis
	11/01/2016	**2.5**	**2.4**	NA	Arcadis
	01/05/2017	**2.4**	**2.6**	NA	Arcadis
No. of Samples:	3				
MW-62A	09/05/2006	**1.2**	**1.38**	NA	CH2M
	12/13/2006	**1.49**	**1.74**	NA	CH2M
	02/20/2007	**2.05**	**1.66**	NA	CH2M
	04/11/2007	**2.97**	**1.52**	NA	CH2M
	04/11/2007*	**2.97**	**1.51**	NA	CH2M
	06/20/2007	**1.79**	1.79 J	NA	CH2M
	08/15/2007	**2.05**	**1.99**	NA	CH2M
	10/16/2007	**2.69**	**2.61**	NA	CH2M
	12/07/2007	**3.15**	**2.57**	NA	CH2M
	02/12/2008	**2.36**	**2.14**	NA	CH2M
	04/08/2008	**2.55**	**2.21**	NA	CH2M
	06/10/2008	**1.23**	**1.07**	NA	CH2M
	08/05/2008	**3.79**	**3.92**	NA	CH2M
	11/07/2008	**6.43**	**5.91**	NA	CH2M
	02/12/2009	**7.16**	**7.12**	NA	CH2M
	02/12/2009*	**7.17**	**6.99**	NA	CH2M
	03/06/2009	**6.73**	**7.61**	NA	CH2M
	05/14/2009	**6.67**	**5.86**	NA	CH2M
	08/07/2009	**5.35**	**4.81**	NA	CH2M
	11/17/2009	**13.2**	**10.5**	NA	CH2M
	11/17/2009*	**13.1**	**10.5**	NA	CH2M
	02/16/2010	**14.8**	**14.7**	NA	CH2M
	05/13/2010	**13.7**	**13.2**	NA	CH2M
	08/02/2010	**2.6**	**2.8**	NA	CH2M
	10/28/2010	**17.1**	**19.7**	NA	CH2M
	01/26/2011	**17.3**	**18.5**	NA	CH2M
	05/05/2011	**20.9**	**20.1**	NA	CH2M
	08/02/2011	**16.7**	**14.6**	NA	CH2M
	11/01/2011	**9.5**	**9.1**	NA	CH2M
	11/01/2011*	**9.3**	**9.0**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-62A	01/16/2012	**4.4**	**3.1**	NA	CH2M
	04/09/2012	**5.4**	**5.0**	NA	CH2M
	07/24/2012	**2.9**	**2.9**	NA	CH2M
	10/17/2012	**2.7**	**2.8**	NA	CH2M
	01/24/2013	**2.1**	**2.0**	NA	CH2M
	04/09/2013	**2.2**	**2.0**	NA	CH2M
	07/31/2013	**2.9**	**2.0**	NA	CH2M
	07/31/2013*	**2.9**	**2.0**	NA	CH2M
	10/15/2013	**2.7**	**2.3**	NA	CH2M
	01/22/2014	**1.6**	**1.5**	NA	CH2M
	04/15/2014	**1.9**	**2.1**	NA	CH2M
	07/21/2014	**1.5**	**1.3**	NA	CH2M
	10/16/2014	**1.9**	**1.9**	NA	CH2M
	01/13/2015	**2.1**	**2.3**	NA	CH2M
	04/07/2015	**2.2**	**2.3**	NA	CH2M
	07/21/2015	**1.6**	**2.0**	NA	CH2M
	10/14/2015	**2.2**	**2.3**	NA	Arcadis
	01/08/2016	**2.2**	**2.0**	NA	Arcadis
	04/19/2016	**2.0**	**2.2**	NA	Arcadis
	07/13/2016	**2.0**	**2.1**	NA	Arcadis
	10/31/2016	**2.2**	**1.8**	NA	Arcadis
	01/04/2017	**2.0**	**1.7**	NA	Arcadis
	04/10/2017	**2.1**	**2.0**	NA	Arcadis
	07/13/2017	**1.8**	**2.1**	NA	Arcadis
	10/10/2017	**1.7**	**1.8**	NA	Arcadis
	01/07/2018	**1.8**	**1.6**	NA	Arcadis
	04/10/2018	**1.8**	**1.5**	NA	Arcadis
	10/09/2018	**3.3**	**1.6**	NA	Arcadis
	11/27/2018	**1.7**	**1.8**	NA	Arcadis
	04/04/2019	**2.1**	**1.7**	NA	Arcadis
	10/15/2019	**2.2**	**1.6**	NA	Arcadis
	04/09/2020	**1.9**	**1.4**	NA	Arcadis
	04/09/2020*	**2.1**	**1.4**	NA	Arcadis
No. of Samples:	63				
MW-62B	09/05/2006	ND (1.0)	ND (0.2)	NA	CH2M
	12/13/2006	ND (1.0)	ND (0.2)	NA	CH2M
	08/15/2007	ND (1.0)	ND (0.2)	NA	CH2M
	02/12/2008	ND (1.0)	ND (0.2)	NA	CH2M
	08/05/2008	ND (1.0)	**0.74**	NA	CH2M
	08/07/2009	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2011	ND (1.0)	ND (0.2)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-62B	11/01/2011	ND (1.0)	ND (0.066)	NA	CH2M
	01/16/2012	ND (1.0)	**0.082**	NA	CH2M
	04/09/2012	ND (1.0)	**0.093**	NA	CH2M
	07/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	03/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/21/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/21/2015	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	24				
MW-62C	02/01/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	05/05/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/01/2011	ND (1.0)	**0.1**	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	07/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/21/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.077)	NA	CH2M
	01/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/21/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	04/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2020	ND (1.0)	ND (0.2)	NA	Arcadis

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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	31				
MW-63	09/06/2006	**1.52**	**1.38**	NA	CH2M
	12/13/2006	ND (1.0)	**0.475**	NA	CH2M
	02/20/2007	**1.98**	**1.43**	NA	CH2M
	08/22/2007	**1.68**	**1.31**	NA	CH2M
	10/16/2007	**1.8**	ND (1.22)	NA	CH2M
	12/06/2007	**1.66**	**1.19**	NA	CH2M
	02/15/2008	**1.55**	**1.36**	NA	CH2M
	02/15/2008*	**1.48**	**1.39**	NA	CH2M
	04/08/2008	**2.19**	**1.32**	NA	CH2M
	04/08/2008*	**2.02**	**1.4**	NA	CH2M
	06/10/2008	**1.8**	**1.78**	NA	CH2M
	08/06/2008	ND (1.0)	**1.23**	NA	CH2M
	08/10/2009	**2.9**	**1.32**	NA	CH2M
	02/16/2010	**1.09**	ND (1.05)	NA	CH2M
	08/05/2010	**1.8**	**0.82**	NA	CH2M
	10/27/2010	**1.6**	**0.73**	NA	CH2M
	01/26/2011	**1.5**	**1.4**	NA	CH2M
	05/05/2011	**1.4**	**1.1**	NA	CH2M
	08/09/2011	**1.4**	ND (1.0)	NA	CH2M
	11/01/2011	**1.1**	**0.91**	NA	CH2M
	01/16/2012	**1.7**	**0.93**	NA	CH2M
	04/09/2012	**1.3**	**0.84**	NA	CH2M
	07/24/2012	**1.5**	**0.99**	NA	CH2M
	10/17/2012	**1.1**	**0.96**	NA	CH2M
	01/24/2013	**1.8**	**1.1**	NA	CH2M
	04/16/2013	**1.4**	**1.0**	NA	CH2M
	07/31/2013	**2.3**	**0.98**	NA	CH2M
	10/14/2013	**1.1**	**0.99**	NA	CH2M
	10/14/2013*	**1.1**	**0.98**	NA	CH2M
	01/22/2014	**1.3**	**1.2**	NA	CH2M
	04/15/2014	**1.4**	**1.0**	NA	CH2M
	04/15/2014*	**1.4**	**1.0**	NA	CH2M
	07/21/2014	**1.7**	**1.1**	NA	CH2M
	07/21/2014*	**1.6**	**1.1**	NA	CH2M
	10/10/2014	**1.4**	**1.1**	NA	CH2M
	01/13/2015	**1.5**	**1.2**	NA	CH2M
	04/07/2015	**1.3**	**1.1**	NA	CH2M
	07/22/2015	**1.2**	**1.2**	NA	CH2M
	10/14/2015	**1.4**	**1.1**	NA	Arcadis
	01/07/2016	**2.1**	**1.1**	NA	Arcadis
	04/19/2016	**1.2**	**1.2**	NA	Arcadis
	04/19/2016*	**1.3**	**1.2**	NA	Arcadis
	07/13/2016	**1.4**	**1.3**	NA	Arcadis
	10/12/2016	**1.3**	**1.2**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-63	01/04/2017	**1.2**	**1.3**	NA	Arcadis
	04/12/2017	**1.6**	**0.96**	NA	Arcadis
	07/13/2017	**1.7**	**1.1**	NA	Arcadis
	10/10/2017	**1.6**	**0.93**	NA	Arcadis
	01/09/2018	**1.4**	**0.8**	NA	Arcadis
	04/10/2018	**1.1**	**0.77**	NA	Arcadis
	07/11/2018	**1.4**	**0.46**	NA	Arcadis
	10/12/2018	**2.0**	**0.87**	NA	Arcadis
	01/09/2019	**1.6**	**1.0**	NA	Arcadis
	04/04/2019	**2.6**	**1.1**	NA	Arcadis
	07/10/2019	**2.2**	**0.88**	NA	Arcadis
	10/15/2019	**2.0**	**1.1**	NA	Arcadis
	01/08/2020	**1.5**	**1.1**	NA	Arcadis
No. of Samples:	57				
MW-64A	12/03/2007	**1.48**	**1.42**	NA	CH2M
	02/18/2008	**1.28**	**1.24**	NA	CH2M
	04/10/2008	**3.05**	**1.53**	NA	CH2M
	08/26/2008	**1.43**	**1.81**	NA	CH2M
	11/05/2008	ND (1.0)	**0.76**	NA	CH2M
	02/03/2009	**1.66**	**1.82**	NA	CH2M
	05/13/2009	**1.74**	**1.76**	NA	CH2M
	08/12/2009	**1.63**	**1.79**	NA	CH2M
	11/16/2009	**1.57**	**1.73**	NA	CH2M
	02/11/2010	**1.73**	**1.57**	NA	CH2M
	05/11/2010	**1.9**	**1.8**	NA	CH2M
	08/20/2010	ND (1.0)	**0.75**	NA	CH2M
	10/29/2010	ND (1.0)	**0.71**	NA	CH2M
	01/27/2011	ND (1.0)	**0.62**	NA	CH2M
	04/28/2011	**1.2**	**0.59**	NA	CH2M
	08/08/2011	**1.6**	**1.4**	NA	CH2M
	10/31/2011	**2.0**	**1.3**	NA	CH2M
	02/02/2012	**1.5**	**1.1**	NA	CH2M
	02/02/2012*	ND (1.0)	**1.1**	NA	CH2M
	04/18/2012	**2.6**	**2.1**	NA	CH2M
	07/19/2012	**2.6**	**2.2**	NA	CH2M
	10/08/2012	**2.6**	**2.6**	NA	CH2M
	01/28/2013	**2.2**	**1.9**	NA	CH2M
	01/28/2013*	**2.2**	**1.9**	NA	CH2M
	04/11/2013	**1.7**	**1.5**	NA	CH2M
No. of Samples:	25				
MW-64B	12/03/2007	ND (1.0)	**0.792**	NA	CH2M
	02/18/2008	**1.1**	**0.787**	NA	CH2M
	04/10/2008	ND (1.0)	**0.76**	NA	CH2M
	06/12/2008	ND (1.0)	ND (0.2)	NA	CH2M

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-64B	08/26/2008	ND (1.0)	**0.72**	NA	CH2M
	02/04/2009	**2.65**	**0.77**	NA	CH2M
	02/04/2009*	**1.27**	**0.8**	NA	CH2M
	08/12/2009	**2.27**	**0.81**	NA	CH2M
	02/11/2010	**1.3**	**0.84**	NA	CH2M
	08/20/2010	**1.0**	**0.97**	NA	CH2M
	01/28/2011	ND (1.0)	**0.87**	NA	CH2M
	08/08/2011	**1.0**	**0.75**	NA	CH2M
	08/08/2011*	**1.2**	**0.73**	NA	CH2M
	02/02/2012	ND (1.0)	**0.92**	NA	CH2M
	07/19/2012	**3.4**	**0.14**	NA	CH2M
	08/23/2012	ND (1.0)	**0.61**	NA	CH2M
	01/28/2013	**1.1**	**0.82**	NA	CH2M
	07/09/2013	**2.6**	**0.43**	NA	CH2M
	01/15/2014	**1.7**	**0.44**	NA	CH2M
	07/10/2014	**1.8**	**1.0**	NA	CH2M
	01/15/2015	**1.2**	**1.0**	NA	CH2M
	07/16/2015	**1.0**	**1.2**	NA	CH2M
No. of Samples:	22				
MW-66A	02/20/2007	ND (1.0)	**0.943**	NA	CH2M
	04/12/2007	**1.21**	**0.924**	NA	CH2M
	06/19/2007	**2.43**	**1.22**	NA	CH2M
	06/19/2007*	**1.35**	**1.24**	NA	CH2M
	08/17/2007	**1.62**	**1.47**	NA	CH2M
	10/18/2007	**1.76**	ND (1.61)	NA	CH2M
	12/05/2007	**1.57**	**1.48**	NA	CH2M
	02/12/2008	**1.39**	**1.43**	NA	CH2M
	04/08/2008	**1.46**	**1.3**	NA	CH2M
	06/11/2008	**2.18**	**1.7**	NA	CH2M
	08/13/2008	**1.99**	**2.04**	NA	CH2M
	11/07/2008	**1.96**	**2.15**	NA	CH2M
	02/03/2009	**1.17**	**1.23**	NA	CH2M
	05/13/2009	**1.42**	**1.19**	NA	CH2M
	08/11/2009	**1.81**	**1.59**	NA	CH2M
	11/18/2009	**1.29**	**1.26**	NA	CH2M
	02/11/2010	**1.78**	**0.98**	NA	CH2M
	03/24/2010	**1.54**	**1.35**	NA	CH2M
	05/13/2010	**2.29**	**1.79**	NA	CH2M
	08/05/2010	**2.5**	**2.8**	NA	CH2M
	10/29/2010	**2.7**	**2.6**	NA	CH2M
	01/27/2011	**2.3**	**2.6**	NA	CH2M
	04/28/2011	**3.2**	**2.8**	NA	CH2M
	08/08/2011	**2.9**	**2.8**	NA	CH2M
	10/31/2011	**3.3**	**2.9**	NA	CH2M
	02/06/2012	**3.4**	**3.2**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-66A	04/18/2012	**3.2**	**2.9**	NA	CH2M
	07/23/2012	**2.9**	**2.8**	NA	CH2M
	10/02/2012	**3.0**	**3.1**	NA	CH2M
	10/02/2012*	**3.2**	**2.9**	NA	CH2M
	02/01/2013	**3.5**	**3.1**	NA	CH2M
	04/02/2013	**3.8**	**3.1**	NA	CH2M
	04/02/2013*	**4.0**	**3.1**	NA	CH2M
	07/18/2013	**3.5**	**3.2**	NA	CH2M
	10/16/2013	**3.5**	**3.2**	NA	CH2M
	01/21/2014	**3.6**	**3.4**	NA	CH2M
	04/02/2014	**3.4**	**3.6**	NA	CH2M
	07/08/2014	**3.4**	**3.4**	NA	CH2M
	10/14/2014	**3.4**	**3.4**	NA	CH2M
	01/13/2015	**3.5**	**3.7**	NA	CH2M
	01/13/2015*	**3.5**	**3.7**	NA	CH2M
	04/09/2015	**3.8**	**3.6**	NA	CH2M
	07/20/2015	**3.2**	**3.7**	NA	CH2M
	10/09/2015	**3.6**	**3.7**	NA	Arcadis
	01/12/2016	**3.9**	**3.7**	NA	Arcadis
	04/19/2016	**3.5**	**3.6**	NA	Arcadis
	07/15/2016	**3.7**	**3.6**	NA	Arcadis
	10/17/2016	**3.7**	**3.6**	NA	Arcadis
	02/01/2017	**3.8**	**3.7**	NA	Arcadis
	04/13/2017	**4.2**	**3.7**	NA	Arcadis
	07/19/2017	**3.6**	**4.1**	NA	Arcadis
	10/12/2017	**3.9**	**3.9**	NA	Arcadis
	01/16/2018	**3.9**	**4.0**	NA	Arcadis
	04/12/2018	**3.9**	**4.0**	NA	Arcadis
	10/16/2018	**4.0**	**3.9**	NA	Arcadis
	02/11/2019	**3.8**	**3.5**	NA	Arcadis
	04/09/2019	**4.2**	**3.8**	NA	Arcadis
	07/10/2019	**4.1**	**3.7**	NA	Arcadis
	10/25/2019	**3.8**	**3.4**	NA	Arcadis
	04/24/2020	**4.1**	**3.3**	NA	Arcadis
No. of Samples:	60				
MW-67A	12/04/2007	**4.49**	**4.35**	NA	CH2M
	02/20/2008	**4.75**	**1.24**	NA	CH2M
	02/20/2008*	**4.51**	**1.25**	NA	CH2M
	04/11/2008	ND (1.0)	ND (1.0)	NA	CH2M
	06/13/2008	**1.59**	**0.85**	NA	CH2M
	08/11/2008	ND (1.0)	**0.42**	NA	CH2M
	11/07/2008	**1.16**	**0.79**	NA	CH2M
	11/07/2008*	ND (1.0)	**0.78**	NA	CH2M
	02/09/2009	ND (1.0)	**0.595**	NA	CH2M
	05/13/2009	ND (1.0)	**0.92**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-67A	05/13/2009*	ND (1.0)	**0.92**	NA	CH2M
	08/12/2009	**1.07**	**0.83**	NA	CH2M
	11/17/2009	**1.58**	**1.07**	NA	CH2M
	02/11/2010	**1.84**	**0.78**	NA	CH2M
	05/11/2010	**1.32**	**1.13**	NA	CH2M
	08/05/2010	**1.4**	**1.7**	NA	CH2M
	10/29/2010	**1.4**	**1.4**	NA	CH2M
	01/27/2011	**1.3**	**1.4**	NA	CH2M
	04/04/2011	**1.7**	**1.1**	NA	CH2M
	04/04/2011*	**1.5**	**1.1**	NA	CH2M
	08/08/2011	ND (1.0)	**0.59**	NA	CH2M
	10/31/2011	ND (1.0)	**0.63**	NA	CH2M
	02/06/2012	**1.2**	**0.8**	NA	CH2M
	04/18/2012	**1.4**	**0.68**	NA	CH2M
	07/11/2012	**1.1**	**0.69**	NA	CH2M
	10/08/2012	ND (1.0)	**0.82**	NA	CH2M
	01/23/2013	**1.0**	**0.83**	NA	CH2M
	04/19/2013	ND (1.0)	**0.89**	NA	CH2M
	04/19/2013*	ND (1.0)	**0.86**	NA	CH2M
	07/19/2013	**1.4**	ND (0.98)	NA	CH2M
	07/19/2013*	ND (1.0)	ND (0.94)	NA	CH2M
	10/08/2013	**1.1**	**0.71**	NA	CH2M
	01/09/2014	ND (1.0)	**0.71**	NA	CH2M
	04/03/2014	**1.2**	**0.82**	NA	CH2M
	07/14/2014	**1.0**	**0.82**	NA	CH2M
	10/15/2014	**1.1**	**0.92**	NA	CH2M
	10/15/2014*	**1.1**	**0.93**	NA	CH2M
	01/06/2015	**2.2**	**0.77**	NA	CH2M
	04/10/2015	**1.1**	ND (0.86)	NA	CH2M
	07/22/2015	ND (1.0)	**0.8**	NA	CH2M
No. of Samples:	40				
MW-67B	12/03/2007	ND (1.0)	**0.56**	NA	CH2M
	02/20/2008	ND (1.0)	**0.333**	NA	CH2M
	04/11/2008	**1.05**	ND (1.0)	NA	CH2M
	06/13/2008	**1.09**	**0.62**	NA	CH2M
	06/13/2008*	ND (1.0)	**0.66**	NA	CH2M
	08/11/2008	ND (1.0)	**0.49**	NA	CH2M
	02/09/2009	ND (3.78)	**0.418**	NA	CH2M
	08/12/2009	ND (1.0)	**0.64**	NA	CH2M
	02/11/2010	**2.02**	**0.42**	NA	CH2M
	08/05/2010	**1.3**	**0.84**	NA	CH2M
	08/05/2010*	ND (1.0)	**0.75**	NA	CH2M
	01/28/2011	ND (1.0)	**0.66**	NA	CH2M
	01/28/2011*	ND (1.0)	**0.67**	NA	CH2M
	08/08/2011	**1.5**	**0.43**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-67B	02/06/2012	ND (1.0)	**0.68**	NA	CH2M
	07/11/2012	**1.6**	**0.61**	NA	CH2M
	01/23/2013	ND (1.0)	**0.69**	NA	CH2M
	07/19/2013	**1.2**	ND (0.92)	NA	CH2M
	10/08/2013	NA	**0.72**	NA	CH2M
	01/09/2014	ND (1.0)	**0.71**	NA	CH2M
	04/03/2014	NA	**0.71**	NA	CH2M
	07/14/2014	ND (1.0)	**0.67**	NA	CH2M
	10/15/2014	NA	**0.71**	NA	CH2M
	01/06/2015	**1.3**	**0.73**	NA	CH2M
	04/10/2015	NA	ND (0.7)	NA	CH2M
	07/22/2015	ND (1.0)	**0.22**	NA	CH2M
	10/20/2015	NA	**0.37**	NA	Arcadis
	01/11/2016	NA	**0.55**	NA	Arcadis
	01/11/2016*	NA	**0.55**	NA	Arcadis
	07/19/2016	**1.3**	**0.61**	NA	Arcadis
	10/18/2016	ND (1.0)	**0.59**	NA	Arcadis
	01/06/2017	**1.0**	**0.59**	NA	Arcadis
	01/06/2017*	**1.0**	**0.59**	NA	Arcadis
	04/18/2017	ND (1.0)	**0.66**	NA	Arcadis
	07/24/2017	ND (1.0)	**0.58**	NA	Arcadis
	10/20/2017	**2.2**	**0.5**	NA	Arcadis
	01/15/2018	**1.1**	**0.61**	NA	Arcadis
	04/19/2018	ND (1.0)	**0.62**	NA	Arcadis
	07/09/2018	ND (1.0)	**0.59**	NA	Arcadis
	10/08/2018	**1.5**	**0.49**	NA	Arcadis
	01/14/2019	ND (1.0)	**0.51**	NA	Arcadis
	04/01/2019	ND (1.0)	ND (0.51)	NA	Arcadis
	07/10/2019	**1.9**	**0.55**	NA	Arcadis
	11/06/2019	**2.5**	**0.4**	NA	Arcadis
	01/10/2020	**1.6**	**0.51**	NA	Arcadis
	04/06/2020	ND (1.0)	**0.56**	NA	Arcadis
No. of Samples:	46				
MW-68C	10/09/2009	ND (1.0)	**0.24**	NA	CH2M
	11/16/2009	**2.16**	**0.22**	NA	CH2M
	02/15/2010	ND (1.0)	**0.37**	NA	CH2M
	05/13/2010	ND (1.0)	**0.3**	NA	CH2M
	08/03/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/25/2011	ND (1.0)	**0.22**	NA	CH2M
	05/05/2011	ND (1.0)	**0.32**	NA	CH2M
	08/08/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/31/2011	ND (1.0)	ND (0.082)	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2012	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-68C	07/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/20/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2015	ND (1.0)	ND (0.076)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	04/11/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	11/03/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/08/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	38				
MW-68D	04/24/2009	**6.11**	**7.2**	NA	CH2M
	05/14/2009	**2.78**	**2.56**	NA	CH2M
	05/14/2009*	**2.66**	**2.67**	NA	CH2M
	08/04/2009	**7.25**	**6.78**	NA	CH2M
	11/12/2009	**6.84**	**6.7**	NA	CH2M
	02/15/2010	**4.93**	**4.41**	NA	CH2M
	02/15/2010*	**5.08**	**4.54**	NA	CH2M
	05/11/2010	**5.6**	**5.3**	NA	CH2M
	08/03/2010	**6.0**	**6.6**	NA	CH2M
	10/27/2010	**5.7**	**5.0**	NA	CH2M
	01/25/2011	**4.1**	**4.0**	NA	CH2M
	05/02/2011	**4.4**	**3.5**	NA	CH2M
	08/09/2011	**4.3**	**4.0**	NA	CH2M
	11/01/2011	**4.0**	**3.7**	NA	CH2M
	01/13/2012	**3.8**	**3.8**	NA	CH2M
	04/09/2012	**8.0**	**8.1**	NA	CH2M
	04/09/2012*	**8.8**	**8.0**	NA	CH2M
	07/23/2012	**9.9**	**9.5**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-68D	10/17/2012	**8.5**	**7.9**	NA	CH2M
	10/17/2012*	**8.5**	**7.8**	NA	CH2M
	01/24/2013	**7.6**	**7.2**	NA	CH2M
	04/16/2013	**9.1**	**8.3**	NA	CH2M
	07/30/2013	**8.9**	**7.6**	NA	CH2M
	10/16/2013	**10**	**9.4**	NA	CH2M
	01/20/2014	**9.4**	**8.4**	NA	CH2M
	04/11/2014	**12**	**12**	NA	CH2M
	07/18/2014	**11**	**12**	NA	CH2M
	10/10/2014	**11**	**12**	NA	CH2M
	10/10/2014*	**11**	**12**	NA	CH2M
	01/20/2015	**10**	**10**	NA	CH2M
	04/07/2015	**10**	**11**	NA	CH2M
	07/13/2015	**4.3**	**4.5**	NA	CH2M
	10/14/2015	**3.2**	**3.5**	NA	Arcadis
	10/14/2015*	**3.2**	**3.5**	NA	Arcadis
	01/08/2016	**3.4**	**3.0**	NA	Arcadis
	01/08/2016*	**3.2**	**2.9**	NA	Arcadis
	03/03/2016	**3.3**	**2.7**	NA	Arcadis
	04/11/2016	**4.2**	**3.0**	NA	Arcadis
	07/14/2016	**3.0**	**3.0**	NA	Arcadis
	10/18/2016	**2.6**	**2.9**	NA	Arcadis
	01/04/2017	**2.5**	**2.6**	NA	Arcadis
	04/07/2017	**2.3**	**2.6**	NA	Arcadis
	07/13/2017	**3.1**	**2.9**	NA	Arcadis
	10/09/2017	**2.7**	**2.6**	NA	Arcadis
	01/11/2018	**2.9**	**2.4**	NA	Arcadis
	04/10/2018	**2.4**	**2.6**	NA	Arcadis
	07/11/2018	**2.6**	**2.4**	NA	Arcadis
	10/10/2018	**2.6**	**2.5**	NA	Arcadis
	01/08/2019	**3.2**	**1.9**	NA	Arcadis
	03/07/2019	**2.4**	**1.9**	NA	Arcadis
	04/04/2019	**1.9**	**2.1**	NA	Arcadis
	07/09/2019	**2.0**	**1.7**	NA	Arcadis
	10/16/2019	**1.8**	**1.9**	NA	Arcadis
	01/06/2020	**3.4**	**1.7**	NA	Arcadis
	03/04/2020	**3.3**	**1.7**	NA	Arcadis
	04/08/2020	**1.6**	**1.2**	NA	Arcadis
No. of Samples:	56				
MW-68S	04/24/2009	**1.42**	**1.2**	NA	CH2M
	05/14/2009	ND (1.0)	**0.42**	NA	CH2M
	08/04/2009	**1.21**	ND (0.2)	NA	CH2M
	11/12/2009	**1.06**	**0.22**	NA	CH2M
	02/15/2010	ND (1.0)	ND (1.05)	NA	CH2M
	05/11/2010	**2.2**	ND (0.2)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-68S	08/03/2010	**2.2**	ND (0.2)	NA	CH2M
	10/27/2010	**2.2**	**0.35**	NA	CH2M
	01/25/2011	**1.2**	**1.2**	NA	CH2M
	05/02/2011	**1.6**	ND (1.0)	NA	CH2M
	08/09/2011	**1.7**	ND (1.0)	NA	CH2M
	08/09/2011*	**1.6**	ND (1.0)	NA	CH2M
	11/01/2011	**2.0**	**0.73**	NA	CH2M
	01/13/2012	**1.2**	ND (1.0)	NA	CH2M
	04/09/2012	**1.6**	**0.82**	NA	CH2M
	07/23/2012	**1.7**	**0.8**	NA	CH2M
	10/17/2012	**1.7**	**0.41**	NA	CH2M
	01/24/2013	**2.9**	**1.2**	NA	CH2M
	04/16/2013	**1.4**	**0.43**	NA	CH2M
	07/30/2013	**2.3**	ND (0.76)	NA	CH2M
	10/16/2013	**1.6**	**0.85**	NA	CH2M
	01/20/2014	**2.0**	**1.0**	NA	CH2M
	04/11/2014	**2.3**	**1.9**	NA	CH2M
	07/18/2014	**2.4**	**1.6**	NA	CH2M
	10/10/2014	**1.7**	**1.5**	NA	CH2M
	01/20/2015	**1.9**	**1.6**	NA	CH2M
	04/07/2015	**2.0**	**1.5**	NA	CH2M
	07/13/2015	**2.3**	**1.8**	NA	CH2M
	10/14/2015	**1.9**	**1.6**	NA	Arcadis
	01/08/2016	**6.0**	**1.5**	NA	Arcadis
	03/11/2016	**2.0**	**1.7**	NA	Arcadis
	04/11/2016	**2.6**	**1.8**	NA	Arcadis
	07/14/2016	**2.8**	**2.2**	NA	Arcadis
	10/18/2016	**1.8**	**2.1**	NA	Arcadis
	10/18/2016*	**1.9**	**2.0**	NA	Arcadis
	01/04/2017	**2.5**	**2.1**	NA	Arcadis
	04/07/2017	**2.3**	**1.9**	NA	Arcadis
	07/13/2017	**2.5**	**1.9**	NA	Arcadis
	07/13/2017*	**2.5**	**1.8**	NA	Arcadis
	10/09/2017	**2.3**	**1.8**	NA	Arcadis
	01/11/2018	**2.3**	**1.9**	NA	Arcadis
	04/10/2018	**2.4**	**2.0**	NA	Arcadis
	07/11/2018	**2.7**	**1.9**	NA	Arcadis
	10/10/2018	**2.4**	**2.1**	NA	Arcadis
	01/08/2019	**2.4**	**1.6**	NA	Arcadis
	04/04/2019	**2.7**	**2.3**	NA	Arcadis
	07/09/2019	**2.9**	**1.7**	NA	Arcadis
	10/16/2019	**2.4**	**1.9**	NA	Arcadis
	01/06/2020	**3.4**	**1.8**	NA	Arcadis
	03/04/2020	**3.2**	**1.5**	NA	Arcadis
	04/08/2020	**2.1**	**1.7**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	51				
MW-69D	04/24/2009	**1.58**	**1.4**	NA	CH2M
	05/14/2009	**2.46**	**0.36**	NA	CH2M
	08/04/2009	**2.05**	**0.26**	NA	CH2M
	11/12/2009	**2.11**	**1.6**	NA	CH2M
	02/15/2010	**2.12**	**1.34**	NA	CH2M
	05/13/2010	**2.11**	**1.77**	NA	CH2M
	08/03/2010	**1.7**	**1.7**	NA	CH2M
	10/28/2010	**2.7**	**1.7**	NA	CH2M
	01/25/2011	**2.1**	**1.6**	NA	CH2M
	05/02/2011	**2.2**	**1.6**	NA	CH2M
	06/01/2011	**2.0**	**1.6**	NA	CH2M
	08/09/2011	**1.8**	**1.0**	NA	CH2M
	11/01/2011	**2.0**	**1.5**	NA	CH2M
	01/13/2012	**1.7**	**1.2**	NA	CH2M
	04/09/2012	**1.6**	**1.5**	NA	CH2M
	07/24/2012	**1.1**	**0.72**	NA	CH2M
	10/17/2012	**1.2**	**0.98**	NA	CH2M
	01/24/2013	ND (1.0)	**0.54**	NA	CH2M
	04/11/2013	ND (1.0)	**0.44**	NA	CH2M
	07/31/2013	**1.5**	**0.6**	NA	CH2M
	10/16/2013	**1.3**	**0.95**	NA	CH2M
	01/22/2014	**1.0**	**0.6**	NA	CH2M
	01/22/2014*	ND (1.0)	**0.58**	NA	CH2M
	04/11/2014	**1.1**	**0.86**	NA	CH2M
	07/18/2014	**1.3**	**1.1**	NA	CH2M
	10/16/2014	**1.1**	**0.84**	NA	CH2M
	01/19/2015	ND (1.0)	**0.85**	NA	CH2M
	04/07/2015	**1.5**	**1.1**	NA	CH2M
	04/07/2015*	**1.4**	**1.1**	NA	CH2M
	07/21/2015	**1.3**	**1.4**	NA	CH2M
	10/14/2015	**2.0**	**1.4**	NA	Arcadis
	01/07/2016	**1.6**	0.63 J	NA	Arcadis
	01/07/2016*	**2.4**	1.1 J	NA	Arcadis
	03/10/2016	**2.6**	**1.3**	NA	Arcadis
	04/15/2016	**1.7**	**1.7**	NA	Arcadis
	07/11/2016	**1.5**	**1.3**	NA	Arcadis
	10/31/2016	**2.6**	**1.6**	NA	Arcadis
	04/12/2017	**2.4**	**1.7**	NA	Arcadis
	10/10/2017	**2.3**	**1.6**	NA	Arcadis
	10/10/2017*	**2.2**	**1.6**	NA	Arcadis
	04/10/2018	**1.7**	**1.5**	NA	Arcadis
	10/11/2018	**2.1**	**1.5**	NA	Arcadis
	04/04/2019	**1.8**	**1.5**	NA	Arcadis
	04/04/2019*	**1.7**	**1.5**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-69D	10/16/2019	**2.8**	**1.3**	NA	Arcadis
	12/03/2019	**1.9**	**1.7**	NA	Arcadis
	04/09/2020	**1.8**	**1.5**	NA	Arcadis
No. of Samples:	47				
MW-69S	04/24/2009	**2.15**	**0.84**	NA	CH2M
	05/14/2009	ND (1.0)	**0.41**	NA	CH2M
	08/04/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/12/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/13/2010	**1.0**	ND (0.2)	NA	CH2M
	08/03/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	2.9 J	ND (0.2)	NA	CH2M
	10/28/2010*	ND (1.0 J)	ND (0.2)	NA	CH2M
	01/25/2011	**1.3**	**0.39**	NA	CH2M
	01/25/2011*	**1.1**	**0.4**	NA	CH2M
	05/02/2011	**3.3**	**1.1**	NA	CH2M
	06/01/2011	**1.6**	**1.3**	NA	CH2M
	08/09/2011	**2.1**	ND (1.0)	NA	CH2M
	11/01/2011	ND (1.0)	ND (0.25)	NA	CH2M
	01/13/2012	**1.7**	ND (0.3)	NA	CH2M
	04/09/2012	**1.3**	**0.18**	NA	CH2M
	07/12/2012	**1.1**	**0.33**	NA	CH2M
	10/17/2012	ND (1.0)	**0.51**	NA	CH2M
	01/29/2013	**1.9**	**1.3**	NA	CH2M
	04/11/2013	**1.4**	**0.37**	NA	CH2M
	07/31/2013	**1.1**	**0.086**	NA	CH2M
	10/16/2013	**1.4**	**0.32**	NA	CH2M
	01/22/2014	**2.9**	**1.3**	NA	CH2M
	04/11/2014	**2.7**	**1.8**	NA	CH2M
	07/18/2014	**2.1**	**1.8**	NA	CH2M
	10/16/2014	**2.4**	**1.5**	NA	CH2M
	01/19/2015	**2.1**	**1.7**	NA	CH2M
	04/07/2015	**2.7**	**1.6**	NA	CH2M
	07/21/2015	**2.5**	**1.8**	NA	CH2M
	10/14/2015	**2.0**	**2.2**	NA	Arcadis
	01/07/2016	**2.6**	**1.1**	NA	Arcadis
	02/29/2016*	**1.8**	**1.3**	NA	Arcadis
	03/10/2016	**2.2**	**1.8**	NA	Arcadis
	04/15/2016	**1.7**	**1.4**	NA	Arcadis
	04/15/2016*	**1.7**	**1.4**	NA	Arcadis
	07/11/2016	**16**	**0.49**	NA	Arcadis
	08/05/2016	**1.2**	**1.3**	NA	Arcadis
	10/31/2016	**1.1**	**1.3**	NA	Arcadis
	04/12/2017	**1.2**	**0.67**	NA	Arcadis
	10/10/2017	ND (1.0)	**0.94**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-69S	04/10/2018	ND (1.0)	**0.5**	NA	Arcadis
	10/11/2018	ND (1.0)	**0.59**	NA	Arcadis
	04/04/2019	ND (1.0)	**0.52**	NA	Arcadis
	10/16/2019	ND (1.0)	**0.34**	NA	Arcadis
	04/09/2020	ND (1.0)	**0.3**	NA	Arcadis
	04/09/2020*	ND (1.0)	**0.34**	NA	Arcadis
No. of Samples:	47				
MW-70D	08/04/2009	**2.12**	**2.03**	NA	CH2M
	11/12/2009	**3.83**	**3.39**	NA	CH2M
	02/15/2010	**2.67**	**2.45**	NA	CH2M
	02/15/2010*	**3.39**	**2.62**	NA	CH2M
	05/11/2010	**2.8**	**2.6**	NA	CH2M
	08/03/2010	**1.1**	**1.3**	NA	CH2M
	10/28/2010	**4.8**	**4.6**	NA	CH2M
	01/25/2011	**4.6**	**4.6**	NA	CH2M
	05/02/2011	**4.3**	**3.8**	NA	CH2M
	08/09/2011	**1.9**	**1.6**	NA	CH2M
	11/01/2011	**2.1**	**1.9**	NA	CH2M
	01/13/2012	ND (1.0)	**0.57**	NA	CH2M
	04/10/2012	**3.0**	**2.2**	NA	CH2M
	07/23/2012	**2.3**	**2.0**	NA	CH2M
	07/23/2012*	**2.2**	**2.0**	NA	CH2M
	10/17/2012	**1.8**	**1.4**	NA	CH2M
	01/24/2013	**2.0**	**1.4**	NA	CH2M
	01/24/2013*	**2.0**	**1.5**	NA	CH2M
	04/11/2013	**1.5**	**1.4**	NA	CH2M
	07/30/2013	**1.8**	**1.5**	NA	CH2M
	10/16/2013	**1.8**	**1.2**	NA	CH2M
	01/20/2014	**2.0**	**1.4**	NA	CH2M
	04/11/2014	**1.6**	**1.5**	NA	CH2M
	07/24/2014	**2.2**	**1.7**	NA	CH2M
	10/14/2014	**1.5**	**1.4**	NA	CH2M
	01/20/2015	**2.0**	**2.1**	NA	CH2M
	04/07/2015	**2.4**	**1.8**	NA	CH2M
	07/21/2015	**1.8**	**1.7**	NA	CH2M
	10/14/2015	ND (1.0)	**0.74**	NA	Arcadis
	01/08/2016	ND (1.0)	**0.67**	NA	Arcadis
	04/15/2016	**1.8**	**1.5**	NA	Arcadis
	07/12/2016	**1.3**	**1.1**	NA	Arcadis
	10/13/2016	ND (1.0)	**0.41**	NA	Arcadis
	01/04/2017	**1.3**	**0.93**	NA	Arcadis
	04/07/2017	**1.6**	**1.4**	NA	Arcadis
	07/13/2017	**1.8**	**1.1**	NA	Arcadis
	10/16/2017	**1.7**	**1.4**	NA	Arcadis
	01/11/2018	**1.5**	**1.1**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-70D	01/11/2018*	**1.5**	**1.1**	NA	Arcadis
	04/10/2018	**1.4**	**1.2**	NA	Arcadis
	07/20/2018	**1.3**	**1.3**	NA	Arcadis
	10/08/2018	**1.0**	**0.91**	NA	Arcadis
	01/08/2019	**1.4**	**1.1**	NA	Arcadis
	04/04/2019	**1.4**	**1.3**	NA	Arcadis
	07/08/2019	**1.4**	**1.5**	NA	Arcadis
	07/08/2019*	**1.5**	**1.5**	NA	Arcadis
	10/22/2019	**1.7**	**1.5**	NA	Arcadis
	01/06/2020	**1.6**	**1.2**	NA	Arcadis
	04/08/2020	ND (1.0)	**0.77**	NA	Arcadis
No. of Samples:	49				
MW-70S	08/04/2009	**2.2**	**1.23**	NA	CH2M
	11/12/2009	**2.36**	**1.22**	NA	CH2M
	02/15/2010	**2.09**	**1.68**	NA	CH2M
	05/11/2010	**2.6**	**1.8**	NA	CH2M
	08/03/2010	**2.0**	**2.4**	NA	CH2M
	10/28/2010	**3.0**	**1.6**	NA	CH2M
	01/25/2011	**1.9**	**1.8**	NA	CH2M
	05/02/2011	**2.2**	**1.6**	NA	CH2M
	05/02/2011*	**2.5**	**1.7**	NA	CH2M
	08/09/2011	**2.3**	**1.5**	NA	CH2M
	11/01/2011	**2.0**	**1.5**	NA	CH2M
	01/13/2012	**2.6**	**1.2**	NA	CH2M
	04/10/2012	**2.4**	**1.5**	NA	CH2M
	07/23/2012	**1.7**	**1.3**	NA	CH2M
	10/17/2012	**1.8**	**1.2**	NA	CH2M
	01/24/2013	**1.9**	**1.3**	NA	CH2M
	04/11/2013	**2.0**	**1.5**	NA	CH2M
	07/30/2013	**1.8**	**1.4**	NA	CH2M
	10/16/2013	**2.3**	**1.4**	NA	CH2M
	01/20/2014	**1.4**	**0.75**	NA	CH2M
	04/11/2014	**2.0**	**1.7**	NA	CH2M
	07/24/2014	**2.0**	**1.6**	NA	CH2M
	10/14/2014	**1.9**	**1.7**	NA	CH2M
	01/20/2015	**3.6**	**1.7**	NA	CH2M
	03/03/2015	**1.5**	**1.7**	NA	CH2M
	04/07/2015	**2.3**	**1.6**	NA	CH2M
	04/07/2015*	**2.3**	**1.6**	NA	CH2M
	07/21/2015	**1.6**	**1.6**	NA	CH2M
	10/14/2015	**1.6**	**1.5**	NA	Arcadis
	01/08/2016	**2.1**	**1.6**	NA	Arcadis
	04/15/2016	**1.8**	**1.6**	NA	Arcadis
	07/12/2016	**1.5**	**1.6**	NA	Arcadis
	10/13/2016	**3.2**	**1.4**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-70S	12/08/2016	**2.1**	**1.6**	NA	Arcadis
	01/04/2017	**1.9**	**1.1**	NA	Arcadis
	01/04/2017*	**1.6**	**1.1**	NA	Arcadis
	04/07/2017	**1.8**	**1.6**	NA	Arcadis
	07/13/2017	**2.0**	**1.3**	NA	Arcadis
	10/16/2017	**1.2**	**1.6**	NA	Arcadis
	01/11/2018	**1.5**	**0.73**	NA	Arcadis
	04/10/2018	**1.2**	**0.95**	NA	Arcadis
	07/20/2018	**1.7**	**1.0**	NA	Arcadis
	10/08/2018	**1.4**	**0.97**	NA	Arcadis
	01/08/2019	**1.4**	**1.0**	NA	Arcadis
	04/04/2019	**1.6**	**1.2**	NA	Arcadis
	07/08/2019	**1.0**	**1.2**	NA	Arcadis
	10/22/2019	**1.3**	**1.2**	NA	Arcadis
	10/22/2019*	**1.4**	**1.2**	NA	Arcadis
	01/06/2020	**2.2**	**1.1**	NA	Arcadis
	05/06/2020	**1.6**	**0.72**	NA	Arcadis
No. of Samples:	50				
MW-71D	08/04/2009	ND (1.0)	**1.04**	NA	CH2M
	11/12/2009	**1.88**	**1.7**	NA	CH2M
	02/15/2010	ND (1.0)	**0.65**	NA	CH2M
	05/11/2010	ND (1.0)	**0.64**	NA	CH2M
	08/03/2010	**1.1**	**0.66**	NA	CH2M
	10/28/2010	**2.6**	**2.6**	NA	CH2M
	01/25/2011	**3.4**	**3.7**	NA	CH2M
	04/27/2011	**2.9**	**2.1**	NA	CH2M
	08/09/2011	**2.6**	**2.5**	NA	CH2M
	11/01/2011	**2.8**	**3.0**	NA	CH2M
	01/17/2012	**2.0**	**1.8**	NA	CH2M
	01/17/2012*	**2.0**	**1.8**	NA	CH2M
	04/10/2012	**2.0**	**1.9**	NA	CH2M
	07/30/2012	**2.0**	**1.6**	NA	CH2M
	10/17/2012	**2.1**	**1.6**	NA	CH2M
	01/24/2013	ND (1.0)	**0.48**	NA	CH2M
	04/11/2013	**2.9**	**2.7**	NA	CH2M
	07/30/2013	**2.6**	**2.2**	NA	CH2M
	10/16/2013	**3.1**	**2.6**	NA	CH2M
	01/20/2014	**2.8**	**2.5**	NA	CH2M
	04/14/2014	**2.9**	**2.6**	NA	CH2M
	07/18/2014	**2.4**	**2.3**	NA	CH2M
	10/14/2014	**2.5**	**2.3**	NA	CH2M
	01/20/2015	**2.4**	**2.2**	NA	CH2M
	04/07/2015	**2.8**	**2.6**	NA	CH2M
	07/21/2015	**1.5**	**1.6**	NA	CH2M
	10/14/2015	**2.0**	**1.9**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-71D	01/08/2016	**2.4**	**2.1**	NA	Arcadis
	04/15/2016	**1.7**	**1.6**	NA	Arcadis
	07/12/2016	**2.4**	**2.4**	NA	Arcadis
	10/13/2016	**2.4**	**2.0**	NA	Arcadis
	01/04/2017	**2.1**	**1.4**	NA	Arcadis
	04/12/2017	**1.9**	**1.4**	NA	Arcadis
	07/13/2017	ND (1.0)	**0.27**	NA	Arcadis
	10/16/2017	ND (1.0)	**0.43**	NA	Arcadis
	01/11/2018	ND (1.0)	**0.35**	NA	Arcadis
	04/10/2018	ND (1.0)	**0.3**	NA	Arcadis
	07/20/2018	**1.2**	**0.4**	NA	Arcadis
	10/10/2018	ND (1.0)	**0.59**	NA	Arcadis
	10/10/2018*	ND (1.0)	**0.57**	NA	Arcadis
	01/08/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	07/08/2019	ND (1.0)	**0.063**	NA	Arcadis
	10/11/2019	ND (1.0)	**0.12**	NA	Arcadis
	01/07/2020	**1.5**	**0.4**	NA	Arcadis
	04/08/2020	ND (1.0)	**0.068**	NA	Arcadis
No. of Samples:	46				
MW-71S	08/04/2009	**2.5**	**2.09**	NA	CH2M
	11/12/2009	**2.78**	**2.39**	NA	CH2M
	02/15/2010	**2.4**	**1.89**	NA	CH2M
	05/11/2010	**3.0**	**2.5**	NA	CH2M
	08/03/2010	**3.0**	**2.4**	NA	CH2M
	10/28/2010	**2.4**	**2.4**	NA	CH2M
	01/25/2011	**2.4**	**2.4**	NA	CH2M
	04/27/2011	**2.9**	**2.8**	NA	CH2M
	08/09/2011	**3.2**	**2.5**	NA	CH2M
	11/01/2011	**4.7**	**4.5**	NA	CH2M
	01/17/2012	**3.9**	**3.5**	NA	CH2M
	04/10/2012	**3.1**	**3.0**	NA	CH2M
	07/30/2012	**5.1**	**4.5**	NA	CH2M
	10/17/2012	**5.2**	**4.8**	NA	CH2M
	01/24/2013	**5.6**	**4.8**	NA	CH2M
	04/11/2013	**2.4**	**1.9**	NA	CH2M
	07/31/2013	**2.7**	**1.6**	NA	CH2M
	10/16/2013	**2.3**	**1.4**	NA	CH2M
	01/20/2014	**2.8**	**1.6**	NA	CH2M
	04/14/2014	**1.6**	**1.4**	NA	CH2M
	07/18/2014	**1.7**	**1.3**	NA	CH2M
	10/14/2014	**1.7**	**1.5**	NA	CH2M
	01/20/2015	**1.3**	**1.3**	NA	CH2M
	04/07/2015	**1.8**	**0.95**	NA	CH2M
	07/21/2015	**1.0**	**1.1**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-71S	10/14/2015	**2.4**	**1.0**	NA	Arcadis
	12/10/2015	**1.9**	**1.0**	NA	Arcadis
	01/08/2016	**2.0**	**0.88**	NA	Arcadis
	04/15/2016	ND (1.0)	**0.92**	NA	Arcadis
	07/12/2016	**1.1**	**0.97**	NA	Arcadis
	07/12/2016*	**1.2**	**0.99**	NA	Arcadis
	10/13/2016	**1.7**	**0.95**	NA	Arcadis
	01/04/2017	**2.2**	**0.81**	NA	Arcadis
	04/12/2017	**1.6**	**0.72**	NA	Arcadis
	07/13/2017	**1.3**	**0.95**	NA	Arcadis
	10/16/2017	**1.4**	**0.68**	NA	Arcadis
	01/11/2018	**1.2**	**0.67**	NA	Arcadis
	04/10/2018	ND (1.0)	**0.56**	NA	Arcadis
	07/20/2018	**1.3**	**0.61**	NA	Arcadis
	10/11/2018	**2.2**	**0.6**	NA	Arcadis
	01/08/2019	**1.4**	**0.67**	NA	Arcadis
	04/04/2019	**1.5**	**0.82**	NA	Arcadis
	07/08/2019	**1.4**	**0.77**	NA	Arcadis
	10/11/2019	**1.4**	**0.7**	NA	Arcadis
	01/07/2020	**1.3**	**0.67**	NA	Arcadis
	04/08/2020	**2.5**	**0.72**	NA	Arcadis
No. of Samples:	46				
MW-72D	08/04/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/12/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2010	ND (1.0)	ND (0.2)	NA	CH2M
	05/11/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/03/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	**1.0**	ND (0.2)	NA	CH2M
	01/25/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/27/2011	**2.1**	ND (0.2)	NA	CH2M
	06/01/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/02/2011	ND (1.0)	ND (0.068)	NA	CH2M
	11/02/2011*	ND (1.0)	ND (0.078)	NA	CH2M
	01/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2013	ND (1.0)	**0.067**	NA	CH2M
	07/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	03/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	**0.068**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-72D	07/18/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	ND (0.071)	NA	CH2M
	01/19/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015	ND (1.0)	ND (0.064)	NA	CH2M
	07/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2015*	ND (1.0)	ND (0.097)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	30				
MW-72S	08/04/2009	**3.3**	**2.97**	NA	CH2M
	11/12/2009	**5.57**	**5.42**	NA	CH2M
	11/12/2009*	**5.57**	**5.39**	NA	CH2M
	02/15/2010	**6.6**	**6.29**	NA	CH2M
	05/11/2010	**6.6**	**6.1**	NA	CH2M
	08/03/2010	**5.0**	**5.2**	NA	CH2M
	10/28/2010	**6.3**	**7.2**	NA	CH2M
	01/25/2011	**6.0**	**6.4**	NA	CH2M
	04/27/2011	**6.1**	**4.7**	NA	CH2M
	06/01/2011	**6.7**	**6.6**	NA	CH2M
	08/02/2011	**4.3**	**3.7**	NA	CH2M
	11/02/2011	**5.9**	**6.2**	NA	CH2M
	01/17/2012	**6.5**	**5.8**	NA	CH2M
	04/10/2012	**5.5**	**5.5**	NA	CH2M
	07/23/2012	**5.1**	**5.0**	NA	CH2M
	10/18/2012	**4.2**	**4.3**	NA	CH2M
	01/31/2013	**5.0**	**4.6**	NA	CH2M
	04/11/2013	**4.8**	**4.4**	NA	CH2M
	08/01/2013	**4.9**	**4.4**	NA	CH2M
	10/16/2013	**5.0**	**4.4**	NA	CH2M
	10/16/2013*	**5.0**	**4.4**	NA	CH2M
	01/20/2014	**4.7**	**4.1**	NA	CH2M
	04/14/2014	**4.9**	**4.8**	NA	CH2M
	07/18/2014	**4.3**	**4.7**	NA	CH2M
	10/09/2014	**4.7**	**4.8**	NA	CH2M
	01/19/2015	**4.6**	**4.8**	NA	CH2M
	04/07/2015	**4.8**	**4.5**	NA	CH2M
	07/13/2015	**4.7**	**4.7**	NA	CH2M
	10/14/2015	**4.4**	**4.8**	NA	Arcadis
	01/08/2016	**5.5**	**4.5**	NA	Arcadis
	04/07/2016	**4.8**	**4.8**	NA	Arcadis
	07/14/2016	**5.3**	**4.8**	NA	Arcadis
	10/31/2016	**4.9**	**4.8**	NA	Arcadis
	02/01/2017	**4.6**	**4.7**	NA	Arcadis
	04/11/2017	**4.6**	**4.9**	NA	Arcadis
	07/14/2017	**5.2**	**4.8**	NA	Arcadis
	01/10/2018	**6.0**	**5.3**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-72S	04/18/2018	**5.6**	**5.7**	NA	Arcadis
	10/10/2018	**5.6**	**5.4**	NA	Arcadis
	02/11/2019	**5.9**	**5.4**	NA	Arcadis
	04/04/2019	**5.0**	**4.9**	NA	Arcadis
	07/09/2019	**5.8**	**5.7**	NA	Arcadis
	10/11/2019	**5.5**	**4.5**	NA	Arcadis
	10/11/2019*	**5.3**	**4.4**	NA	Arcadis
	05/06/2020	**4.4**	**4.3**	NA	Arcadis
	05/06/2020*	**4.3**	**4.4**	NA	Arcadis
No. of Samples:	46				
MW-73D	11/13/2009	**1.17**	**0.86**	NA	CH2M
	02/18/2010	**1.06**	**0.9**	NA	CH2M
	05/11/2010	**1.7**	**0.59**	NA	CH2M
	08/20/2010	**1.4**	**1.0**	NA	CH2M
	08/20/2010*	**1.3**	**0.97**	NA	CH2M
	10/29/2010	**1.1**	**0.85**	NA	CH2M
	01/27/2011	ND (1.0)	**0.86**	NA	CH2M
	04/29/2011	**1.2**	**0.84**	NA	CH2M
	04/29/2011*	**1.2**	**0.74**	NA	CH2M
	08/09/2011	ND (1.0)	**0.9**	NA	CH2M
	10/31/2011	**1.6**	**0.81**	NA	CH2M
	01/30/2012	**1.8**	**0.78**	NA	CH2M
	04/12/2012	**1.0**	**0.84**	NA	CH2M
	07/23/2012	**1.0**	**0.77**	NA	CH2M
	10/09/2012	ND (1.0)	**0.8**	NA	CH2M
	01/23/2013	ND (1.0)	**0.82**	NA	CH2M
	04/18/2013	ND (1.0)	**0.88**	NA	CH2M
	07/18/2013	**1.0**	**0.93**	NA	CH2M
	10/08/2013	ND (1.0)	**0.73**	NA	CH2M
	01/13/2014	ND (1.0)	**0.85**	NA	CH2M
	04/04/2014	**1.1**	**0.89**	NA	CH2M
	07/10/2014	**1.0**	**0.81**	NA	CH2M
	10/15/2014	**1.2**	**0.82**	NA	CH2M
	01/06/2015	**1.4**	**0.89**	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.87)	NA	CH2M
	07/20/2015	ND (1.0)	ND (0.8)	NA	CH2M
	10/20/2015	ND (1.0)	**0.98**	NA	Arcadis
	01/13/2016	NA	**0.76**	NA	Arcadis
	04/19/2016	**1.0**	**0.92**	NA	Arcadis
	07/15/2016	ND (1.0)	**0.99**	NA	Arcadis
	10/18/2016	ND (1.0)	**0.77**	NA	Arcadis
	01/06/2017	**1.1**	**0.78**	NA	Arcadis
	04/18/2017	**1.1**	**0.81**	NA	Arcadis
	07/24/2017	**1.2**	**0.74**	NA	Arcadis
	10/20/2017	ND (1.0)	**0.8**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-73D	01/15/2018	**1.4**	**0.81**	NA	Arcadis
	04/19/2018	**1.6**	**0.81**	NA	Arcadis
	07/19/2018	**1.1**	**0.92**	NA	Arcadis
	10/16/2018	**1.2**	**0.96**	NA	Arcadis
	01/10/2019	**1.1**	**0.99**	NA	Arcadis
	04/11/2019	**1.3**	**1.1**	NA	Arcadis
	07/10/2019	**1.2**	**1.1**	NA	Arcadis
	11/07/2019	**2.5**	**0.92**	NA	Arcadis
	01/14/2020	**1.5**	**1.0**	NA	Arcadis
	04/16/2020	**3.2**	**1.1**	NA	Arcadis
	06/04/2020	**1.7**	**1.0**	NA	Arcadis
No. of Samples:	46				
MW-73S	11/13/2009	ND (1.0)	**0.86**	NA	CH2M
	02/18/2010	ND (1.0)	**0.78**	NA	CH2M
	05/11/2010	**1.6**	**0.68**	NA	CH2M
	08/20/2010	**1.3**	**0.94**	NA	CH2M
	10/29/2010	ND (1.0)	**0.79**	NA	CH2M
	01/27/2011	ND (1.0)	**0.84**	NA	CH2M
	04/29/2011	**1.3**	**0.96**	NA	CH2M
	08/09/2011	ND (1.0)	**1.2**	NA	CH2M
	10/31/2011	**2.1**	**1.0**	NA	CH2M
	01/30/2012	3.6 J	**0.99**	NA	CH2M
	04/12/2012	**1.3**	**1.0**	NA	CH2M
	07/23/2012	**1.3**	**0.89**	NA	CH2M
	10/09/2012	**1.1**	**0.9**	NA	CH2M
	01/23/2013	**1.1**	**0.97**	NA	CH2M
	04/18/2013	ND (1.0)	**1.1**	NA	CH2M
	07/18/2013	**1.8**	**1.1**	NA	CH2M
	10/08/2013	**1.2**	**1.1**	NA	CH2M
	10/08/2013*	**1.2**	**1.1**	NA	CH2M
	01/13/2014	**1.2**	**1.0**	NA	CH2M
	04/04/2014	**1.2**	**1.0**	NA	CH2M
	07/10/2014	**1.2**	**0.92**	NA	CH2M
	10/15/2014	**1.1**	**1.0**	NA	CH2M
	01/06/2015	**1.1**	**0.98**	NA	CH2M
	01/06/2015*	**1.1**	**0.98**	NA	CH2M
	04/10/2015	**1.2**	ND (1.1)	NA	CH2M
	07/20/2015	ND (1.0)	ND (1.0)	NA	CH2M
	10/20/2015	**1.1**	**1.1**	NA	Arcadis
	01/13/2016	NA	**1.1**	NA	Arcadis
	04/19/2016	**1.4**	**1.1**	NA	Arcadis
	07/15/2016	**1.2**	**1.2**	NA	Arcadis
No. of Samples:	30				
MW-74D	11/13/2009	**2.44**	**2.62**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-74D	02/18/2010	**2.63**	**2.16**	NA	CH2M
	02/18/2010*	**2.57**	**2.17**	NA	CH2M
	05/11/2010	**3.3**	**1.9**	NA	CH2M
	05/11/2010*	**3.3**	**1.9**	NA	CH2M
	08/20/2010	**2.8**	**2.1**	NA	CH2M
	08/20/2010*	**2.7**	**2.0**	NA	CH2M
	10/29/2010	**2.3**	**2.3**	NA	CH2M
	01/27/2011	**3.8**	**4.3**	NA	CH2M
	04/29/2011	**2.5**	**1.5**	NA	CH2M
	08/09/2011	**2.8**	**3.3**	NA	CH2M
	10/31/2011	**2.9**	**3.1**	NA	CH2M
	10/31/2011*	**2.9**	**3.4**	NA	CH2M
	01/30/2012	**4.7**	**4.4**	NA	CH2M
	04/12/2012	**6.6**	**6.3**	NA	CH2M
	07/23/2012	**4.8**	**4.6**	NA	CH2M
	10/09/2012	**2.2**	**1.9**	NA	CH2M
	10/09/2012*	**2.2**	**1.9**	NA	CH2M
	01/21/2013	**2.1**	**1.7**	NA	CH2M
	04/16/2013	**2.1**	**1.9**	NA	CH2M
	07/30/2013	**3.0**	**2.4**	NA	CH2M
	10/17/2013	**2.6**	**2.2**	NA	CH2M
	01/22/2014	**1.8**	**1.6**	NA	CH2M
	01/22/2014*	**1.8**	**1.6**	NA	CH2M
	04/03/2014	**2.8**	**2.4**	NA	CH2M
	07/09/2014	**5.2**	**5.5**	NA	CH2M
	10/15/2014	**2.7**	**2.4**	NA	CH2M
	01/13/2015	**2.1**	**2.3**	NA	CH2M
	04/10/2015	**2.4**	**2.0**	NA	CH2M
	07/20/2015	**19**	**21**	NA	CH2M
	09/02/2015	**2.3**	**2.1**	NA	CH2M
	10/21/2015	**2.1**	**2.0**	NA	Arcadis
	05/03/2016	**4.4**	**4.4**	NA	Arcadis
	11/01/2016	**2.6**	**2.4**	NA	Arcadis
	01/06/2017	**4.0**	**3.6**	NA	Arcadis
	03/08/2017	**3.1**	**2.4**	NA	Arcadis
	04/18/2017	**14**	**14**	NA	Arcadis
	06/07/2017	**2.6**	**2.6**	NA	Arcadis
	07/24/2017	**3.8**	**3.8**	NA	Arcadis
	09/07/2017	**3.7**	**3.8**	NA	Arcadis
	10/20/2017	**3.1**	**3.2**	NA	Arcadis
	01/15/2018	**3.1**	**2.5**	NA	Arcadis
	05/01/2018	**3.7**	**3.3**	NA	Arcadis
	07/19/2018	**3.1**	**3.0**	NA	Arcadis
	10/17/2018	**3.1**	**2.9**	NA	Arcadis
	01/10/2019	**3.4**	**2.9**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-74D	04/11/2019	**3.3**	**3.3**	NA	Arcadis
	07/11/2019	**3.2**	**3.3**	NA	Arcadis
	11/07/2019	**4.4**	**3.0**	NA	Arcadis
	01/14/2020	**3.9**	**3.5**	NA	Arcadis
	04/16/2020	**4.0**	**3.7**	NA	Arcadis
No. of Samples:	51				
MW-74D2	09/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	11/01/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/06/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/18/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	07/24/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/20/2017	ND (1.0)	**0.36**	NA	Arcadis
	01/15/2018	ND (1.0)	**0.43**	NA	Arcadis
	01/15/2018*	ND (1.0)	**0.46**	NA	Arcadis
	05/01/2018	ND (1.0)	**0.5**	NA	Arcadis
	07/19/2018	ND (1.0)	**0.53**	NA	Arcadis
	10/17/2018	ND (1.0)	**0.6**	NA	Arcadis
	01/10/2019	ND (1.0)	**0.59**	NA	Arcadis
	04/11/2019	ND (1.0)	**0.63**	NA	Arcadis
	07/11/2019	**1.1**	**0.51**	NA	Arcadis
	11/07/2019	**1.5**	**0.43**	NA	Arcadis
	01/14/2020	ND (1.0)	**0.55**	NA	Arcadis
	04/16/2020	ND (1.0)	**0.34**	NA	Arcadis
No. of Samples:	18				
MW-74S	11/16/2009	**5.28**	**4.35**	NA	CH2M
	02/18/2010	**15**	**16.5**	NA	CH2M
	05/11/2010	**18.9**	**15.7**	NA	CH2M
No. of Samples:	3				
MW-75D	11/16/2009	ND (1.0)	**0.52**	NA	CH2M
	02/18/2010	**1.2**	**0.7**	NA	CH2M
	05/11/2010	**1.36**	**1.25**	NA	CH2M
	08/05/2010	**1.7**	**1.9**	NA	CH2M
	10/29/2010	**1.6**	**1.4**	NA	CH2M
	01/27/2011	**1.6**	**1.6**	NA	CH2M
	04/28/2011	**2.6**	**1.7**	NA	CH2M
	06/01/2011	**1.6**	**1.6**	NA	CH2M
	08/09/2011	ND (1.0)	**1.2**	NA	CH2M
	10/31/2011	**1.2**	**1.2**	NA	CH2M
	01/30/2012	3.5 J	**0.62**	NA	CH2M
	04/12/2012	**1.3**	**1.0**	NA	CH2M
	07/31/2012	**1.2**	**1.1**	NA	CH2M
	10/09/2012	ND (1.0)	**0.62**	NA	CH2M
	01/28/2013	**1.3**	**0.9**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-75D	04/17/2013	**1.7**	**1.0**	NA	CH2M
	07/09/2013	ND (1.0)	**0.7**	NA	CH2M
	10/17/2013	**1.5**	**0.92**	NA	CH2M
	01/21/2014	**1.5**	**1.0**	NA	CH2M
	04/03/2014	**1.8**	**0.98**	NA	CH2M
	04/03/2014*	**1.6**	**1.0**	NA	CH2M
	07/10/2014	**1.0**	**1.1**	NA	CH2M
	10/15/2014	ND (1.0)	**0.38**	NA	CH2M
	01/13/2015	**1.1**	**1.2**	NA	CH2M
	04/10/2015	**2.1**	**0.97**	NA	CH2M
	07/16/2015	**1.3**	**1.1**	NA	CH2M
	10/21/2015	**1.0**	**0.98**	NA	Arcadis
	07/15/2016	**1.4**	**1.4**	NA	Arcadis
	07/15/2016*	**1.5**	**1.4**	NA	Arcadis
	10/18/2016	**1.2**	**0.97**	NA	Arcadis
	10/18/2016*	**1.1**	**0.94**	NA	Arcadis
	01/06/2017	ND (1.0)	**0.6**	NA	Arcadis
	01/06/2017*	ND (1.0)	**0.56**	NA	Arcadis
	04/13/2017	ND (1.0)	**0.7**	NA	Arcadis
	07/25/2017	ND (1.0)	**0.57**	NA	Arcadis
	11/07/2017	**1.1**	**0.88**	NA	Arcadis
	01/15/2018	ND (1.0)	**0.73**	NA	Arcadis
	06/06/2018	ND (1.0)	**0.62**	NA	Arcadis
	07/12/2018	ND (1.0)	**0.62**	NA	Arcadis
	10/19/2018	ND (1.0)	**0.23**	NA	Arcadis
	01/09/2019	ND (1.0)	**0.22**	NA	Arcadis
	04/11/2019	ND (1.0)	**0.44**	NA	Arcadis
	07/10/2019	ND (1.0)	**0.72**	NA	Arcadis
	11/06/2019	ND (1.0)	**0.28**	NA	Arcadis
	01/14/2020	ND (1.0)	**0.86**	NA	Arcadis
	04/24/2020	ND (1.0)	**0.9**	NA	Arcadis
No. of Samples:	46				
MW-76D	11/16/2009	ND (1.0)	ND (0.2)	NA	CH2M
	02/15/2010	ND (1.0)	**0.45**	NA	CH2M
	05/11/2010	**1.1**	**0.51**	NA	CH2M
	08/05/2010	ND (1.0)	**0.82**	NA	CH2M
	10/26/2010	**1.1**	**0.92**	NA	CH2M
	01/25/2011	ND (1.0)	**0.62**	NA	CH2M
	04/28/2011	ND (1.0)	**0.78**	NA	CH2M
	08/09/2011	ND (1.0)	**0.9**	NA	CH2M
	08/09/2011*	ND (1.0)	**0.93**	NA	CH2M
	10/31/2011	**1.2**	**0.96**	NA	CH2M
	02/06/2012	**1.3**	**0.72**	NA	CH2M
	04/12/2012	ND (1.0)	**0.77**	NA	CH2M
	07/20/2012	ND (1.0)	**0.67**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-76D	07/20/2012*	ND (1.0)	**0.71**	NA	CH2M
	10/09/2012	**1.0**	**0.69**	NA	CH2M
	01/23/2013	ND (1.0)	**0.7**	NA	CH2M
	01/23/2013*	ND (1.0)	**0.71**	NA	CH2M
	04/16/2013	ND (1.0)	**0.75**	NA	CH2M
	07/09/2013	**1.1**	**0.51**	NA	CH2M
	10/09/2013	ND (1.0)	**0.67**	NA	CH2M
	01/21/2014	ND (1.0)	**0.66**	NA	CH2M
	04/02/2014	**1.3**	**0.77**	NA	CH2M
	07/08/2014	ND (1.0)	**0.75**	NA	CH2M
	10/14/2014	ND (1.0)	**0.83**	NA	CH2M
	01/13/2015	ND (1.0)	**0.86**	NA	CH2M
	04/09/2015	ND (1.0)	**0.85**	NA	CH2M
	07/23/2015	ND (1.0)	**0.88**	NA	CH2M
	10/08/2015	ND (1.0)	**0.86**	NA	Arcadis
No. of Samples:	28				
MW-76S	11/16/2009	**3.6**	**4.39**	NA	CH2M
	11/16/2009*	**4.21**	**4.36**	NA	CH2M
	02/15/2010	**5.12**	**4.41**	NA	CH2M
	05/11/2010	**6.6**	**4.7**	NA	CH2M
	08/05/2010	**6.3**	**7.8**	NA	CH2M
	10/26/2010	**3.5**	**3.7**	NA	CH2M
	01/25/2011	**2.3**	**2.2**	NA	CH2M
	04/28/2011	**4.2**	**3.2**	NA	CH2M
	06/01/2011	**3.3**	**3.3**	NA	CH2M
	08/09/2011	**3.4**	**3.5**	NA	CH2M
	10/31/2011	**3.0**	**3.1**	NA	CH2M
	02/06/2012	**3.2**	**3.0**	NA	CH2M
	04/12/2012	**3.4**	**3.1**	NA	CH2M
	07/20/2012	**3.0**	**3.0**	NA	CH2M
	10/09/2012	**2.4**	**2.6**	NA	CH2M
	01/23/2013	**3.9**	**3.9**	NA	CH2M
	04/16/2013	**3.9**	**4.2**	NA	CH2M
	07/09/2013	**4.1**	**3.4**	NA	CH2M
	10/09/2013	**3.1**	**3.1**	NA	CH2M
	01/21/2014	**3.9**	**3.6**	NA	CH2M
	04/02/2014	**3.8**	**3.8**	NA	CH2M
	07/08/2014	**3.8**	**3.7**	NA	CH2M
	10/14/2014	**3.9**	**3.7**	NA	CH2M
	01/13/2015	**3.9**	**4.1**	NA	CH2M
	01/13/2015*	**3.9**	**4.1**	NA	CH2M
	04/09/2015	**3.9**	**3.8**	NA	CH2M
	07/23/2015	**3.5**	**3.7**	NA	CH2M
	10/08/2015	**3.9**	**3.7**	NA	Arcadis
	01/12/2016	**3.5**	**3.6**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-76S	04/20/2016	**3.5**	**3.2**	NA	Arcadis
	07/14/2016	**3.2**	**3.1**	NA	Arcadis
	10/17/2016	**2.6**	**2.5**	NA	Arcadis
	04/17/2017	**3.6**	**3.5**	NA	Arcadis
	10/12/2017	**3.7**	**3.9**	NA	Arcadis
	04/11/2018	**3.4**	**2.5**	NA	Arcadis
	04/11/2018*	**3.2**	**2.6**	NA	Arcadis
	10/16/2018	**2.0**	**1.9**	NA	Arcadis
	04/09/2019	**4.9**	**2.0**	NA	Arcadis
	06/05/2019	**2.7**	**2.2**	NA	Arcadis
	10/25/2019	**7.0**	**1.2**	NA	Arcadis
	12/04/2019	**1.7**	**1.7**	NA	Arcadis
	04/09/2020	**1.7**	**1.2**	NA	Arcadis
No. of Samples:	42				
MW-77D	02/18/2010	**1.28**	**1.22**	NA	CH2M
	05/11/2010	**2.2**	**0.68**	NA	CH2M
	08/23/2010	**1.3**	**1.4**	NA	CH2M
	10/27/2010	**1.7**	**1.3**	NA	CH2M
	01/26/2011	ND (1.0)	**1.2**	NA	CH2M
	04/29/2011	**1.6**	**1.2**	NA	CH2M
	08/09/2011	ND (1.0)	**1.2**	NA	CH2M
	10/31/2011	**1.2**	**1.2**	NA	CH2M
	02/03/2012	**1.2**	**0.84**	NA	CH2M
	04/12/2012	**1.2**	**1.0**	NA	CH2M
	07/23/2012	**1.3**	**0.93**	NA	CH2M
	10/09/2012	**1.1**	**1.0**	NA	CH2M
	01/21/2013	**1.0**	**0.98**	NA	CH2M
	04/03/2013	**1.4**	**1.1**	NA	CH2M
	07/30/2013	**1.3**	**0.96**	NA	CH2M
	10/17/2013	**1.4**	**1.0**	NA	CH2M
	01/23/2014	**1.0**	**1.0**	NA	CH2M
	04/04/2014	**1.4**	**1.2**	NA	CH2M
	07/10/2014	**1.3**	**1.0**	NA	CH2M
	07/10/2014*	**1.4**	**1.1**	NA	CH2M
	10/22/2014	**1.3**	**1.2**	NA	CH2M
	01/13/2015	**2.1**	**1.3**	NA	CH2M
	04/14/2015	**1.2**	**1.0**	NA	CH2M
	07/23/2015	ND (1.0)	**1.1**	NA	CH2M
	10/12/2015	**1.2**	**1.0**	NA	Arcadis
No. of Samples:	25				
MW-77S	02/18/2010	ND (1.0)	**0.79**	NA	CH2M
	05/11/2010	**1.1**	**0.8**	NA	CH2M
	08/23/2010	ND (1.0)	**0.72**	NA	CH2M
	10/27/2010	**1.3**	**1.0**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-77S	01/26/2011	ND (1.0)	**0.99**	NA	CH2M
	04/29/2011	**1.3**	**0.96**	NA	CH2M
	08/09/2011	ND (1.0)	**0.96**	NA	CH2M
	10/31/2011	**1.0**	**0.98**	NA	CH2M
	02/03/2012	**1.2**	**0.84**	NA	CH2M
	02/03/2012*	**1.1**	**0.86**	NA	CH2M
	04/12/2012	**1.1**	**0.9**	NA	CH2M
	07/23/2012	**1.2**	**0.78**	NA	CH2M
	10/09/2012	ND (1.0)	**0.89**	NA	CH2M
	01/21/2013	ND (1.0)	**0.9**	NA	CH2M
	04/03/2013	**1.1**	**0.88**	NA	CH2M
	07/30/2013	**1.1**	**0.79**	NA	CH2M
	10/17/2013	**1.1**	**0.79**	NA	CH2M
	10/17/2013*	**1.3**	**0.79**	NA	CH2M
	01/23/2014	ND (1.0)	**0.77**	NA	CH2M
	04/04/2014	ND (1.0)	**0.87**	NA	CH2M
	07/10/2014	ND (1.0)	**0.87**	NA	CH2M
	10/22/2014	**1.1**	**0.91**	NA	CH2M
	01/13/2015	**1.3**	**0.95**	NA	CH2M
	04/14/2015	ND (1.0)	**0.92**	NA	CH2M
	07/23/2015	ND (1.0)	**0.88**	NA	CH2M
	10/12/2015	**1.0**	**0.87**	NA	Arcadis
	01/13/2016	ND (1.0)	**0.83**	NA	Arcadis
	04/20/2016	ND (1.0)	**0.87**	NA	Arcadis
	07/18/2016	**1.1**	**0.86**	NA	Arcadis
	07/18/2016*	**1.2**	**0.8**	NA	Arcadis
	10/19/2016	**1.0**	**0.69**	NA	Arcadis
	01/06/2017	ND (1.0)	**0.72**	NA	Arcadis
	04/18/2017	ND (1.0)	**0.75**	NA	Arcadis
	07/24/2017	**1.0**	**0.62**	NA	Arcadis
	10/18/2017	ND (1.0)	**0.77**	NA	Arcadis
	01/15/2018	ND (1.0)	**0.78**	NA	Arcadis
	01/15/2018*	ND (1.0)	**0.77**	NA	Arcadis
No. of Samples:	37				
MW-78D	02/18/2010	**1.39**	**1.5**	NA	CH2M
	05/11/2010	**2.8**	**1.3**	NA	CH2M
	08/23/2010	**1.9**	**2.0**	NA	CH2M
	10/27/2010	**1.9**	**1.8**	NA	CH2M
	01/26/2011	**1.4**	**1.7**	NA	CH2M
	04/29/2011	**1.9**	**1.7**	NA	CH2M
	08/09/2011	**1.5**	**1.7**	NA	CH2M
	10/28/2011	**2.0**	**1.7**	NA	CH2M
	02/03/2012	**2.2**	**1.7**	NA	CH2M
	04/16/2012	**1.8**	**1.6**	NA	CH2M
	04/16/2012*	**1.8**	**1.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-78D	07/31/2012	**1.8**	**1.6**	NA	CH2M
	10/08/2012	**2.5**	**1.7**	NA	CH2M
	01/23/2013	**1.8**	**1.6**	NA	CH2M
	04/18/2013	**1.4**	**1.8**	NA	CH2M
	04/18/2013*	**1.4**	**1.7**	NA	CH2M
	08/02/2013	**1.5**	**1.8**	NA	CH2M
	10/08/2013	**1.6**	**1.7**	NA	CH2M
	01/09/2014	**1.6**	**1.7**	NA	CH2M
	04/04/2014	**2.1**	**1.7**	NA	CH2M
	07/11/2014	**2.0**	**1.6**	NA	CH2M
	10/22/2014	**1.7**	**1.7**	NA	CH2M
	01/06/2015	**1.7**	**1.7**	NA	CH2M
	04/14/2015	**1.5**	**1.7**	NA	CH2M
	07/20/2015	**1.5**	**1.6**	NA	CH2M
	10/12/2015	**1.8**	**1.7**	NA	Arcadis
	01/13/2016	NA	**1.6**	NA	Arcadis
	04/20/2016	**2.1**	**1.5**	NA	Arcadis
	07/20/2016	**2.0**	**1.6**	NA	Arcadis
	01/06/2017	**2.0**	**1.5**	NA	Arcadis
	07/24/2017	**2.9**	**3.0**	NA	Arcadis
	01/10/2018	**1.7**	**1.6**	NA	Arcadis
	07/10/2018	**1.9**	**1.5**	NA	Arcadis
	01/14/2019	**1.8**	**1.5**	NA	Arcadis
	07/11/2019	**1.8**	**1.6**	NA	Arcadis
	01/15/2020	**1.6**	**1.6**	NA	Arcadis
No. of Samples:	36				
MW-78S	02/18/2010	ND (1.0)	**0.64**	NA	CH2M
	05/11/2010	**2.0**	**0.47**	NA	CH2M
	08/23/2010	ND (1.0)	**0.78**	NA	CH2M
	08/23/2010*	ND (1.0)	**0.81**	NA	CH2M
	10/27/2010	ND (1.0)	**0.77**	NA	CH2M
	01/26/2011	ND (1.0)	**0.72**	NA	CH2M
	04/29/2011	**1.0**	**0.67**	NA	CH2M
	08/09/2011	ND (1.0)	**0.59**	NA	CH2M
	10/28/2011	ND (1.0)	**0.74**	NA	CH2M
	02/03/2012	**1.1**	**0.91**	NA	CH2M
	04/16/2012	**1.1**	**0.88**	NA	CH2M
	07/31/2012	**1.1**	**0.75**	NA	CH2M
	10/08/2012	**1.0**	**0.91**	NA	CH2M
	01/23/2013	**1.7**	**0.81**	NA	CH2M
	05/03/2013	**1.0**	**0.95**	NA	CH2M
	08/02/2013	**1.0**	**1.0**	NA	CH2M
	10/08/2013	**1.1**	**1.2**	NA	CH2M
	01/09/2014	**1.1**	**1.1**	NA	CH2M
	04/04/2014	**1.3**	**1.1**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-78S	07/10/2014	**1.1**	**1.1**	NA	CH2M
	10/22/2014	**1.3**	ND (1.3)	NA	CH2M
	10/22/2014*	**1.3**	ND (1.2)	NA	CH2M
	01/06/2015	**1.3**	**1.3**	NA	CH2M
	04/14/2015	**1.1**	**1.1**	NA	CH2M
	07/20/2015	ND (1.0)	ND (1.1)	NA	CH2M
	10/12/2015	**1.1**	**0.99**	NA	Arcadis
	10/12/2015*	**1.1**	**0.98**	NA	Arcadis
	01/13/2016	NA	**1.1**	NA	Arcadis
	01/13/2016*	NA	**1.1**	NA	Arcadis
	04/20/2016	**1.5**	**1.5**	NA	Arcadis
	07/20/2016	**1.7**	**1.4**	NA	Arcadis
	07/20/2016*	**1.7**	**1.5**	NA	Arcadis
	10/19/2016	**2.0**	**1.7**	NA	Arcadis
	01/06/2017	**2.2**	**1.9**	NA	Arcadis
	04/20/2017	**2.3**	**2.4**	NA	Arcadis
	07/24/2017	**3.5**	**3.2**	NA	Arcadis
	09/06/2017	**1.9**	**2.0**	NA	Arcadis
	11/08/2017	**3.5**	**3.2**	NA	Arcadis
	12/01/2017	**3.6**	**3.6**	NA	Arcadis
	01/10/2018	**3.9**	**3.8**	NA	Arcadis
	05/01/2018	**6.7**	**6.3**	NA	Arcadis
	06/07/2018	NA	**6.9**	NA	Arcadis
	07/11/2018	**4.0**	**3.9**	NA	Arcadis
	10/17/2018	**2.7**	**2.2**	NA	Arcadis
	01/14/2019	**2.8**	**2.2**	NA	Arcadis
	04/09/2019	**1.9**	**1.5**	NA	Arcadis
	07/11/2019	ND (1.0)	**0.83**	NA	Arcadis
	11/07/2019	**1.1**	**0.78**	NA	Arcadis
	01/15/2020	**1.1**	**1.1**	NA	Arcadis
	04/16/2020	**1.3**	**1.2**	NA	Arcadis
No. of Samples:	50				
MW-79D	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/27/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/27/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/02/2011	**1.0**	ND (0.065)	NA	CH2M
	01/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/17/2012	ND (1.0)	**0.17**	NA	CH2M
	07/17/2012*	ND (1.0)	**0.19**	NA	CH2M
	10/10/2012	ND (1.0)	**0.072**	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-79D	04/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	03/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.065)	NA	CH2M
	07/18/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	01/19/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015	ND (1.0)	ND (0.06)	NA	CH2M
	08/03/2015	ND (1.0)	**0.12**	NA	CH2M
	10/08/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2015*	ND (1.0)	ND (0.06)	NA	Arcadis
	01/04/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/07/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/13/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/04/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/14/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	35				
MW-79S	06/21/2010	**5.1**	**4.7**	NA	CH2M
	08/02/2010	**5.3**	**5.2**	NA	CH2M
	10/28/2010	**5.5**	**5.5**	NA	CH2M
	01/27/2011	**6.0**	**5.5**	NA	CH2M
	04/27/2011	**6.0**	**5.2**	NA	CH2M
	07/28/2011	**5.2**	**5.4**	NA	CH2M
	07/28/2011*	**5.6**	**5.2**	NA	CH2M
	11/02/2011	**5.2**	**5.2**	NA	CH2M
	01/17/2012	**5.7**	**4.8**	NA	CH2M
	04/10/2012	**5.5**	**5.2**	NA	CH2M
	07/23/2012	**5.0**	**4.4**	NA	CH2M
	10/17/2012	**5.4**	**5.1**	NA	CH2M
	01/31/2013	**5.6**	**5.2**	NA	CH2M
	04/11/2013	**5.6**	**4.9**	NA	CH2M
	04/11/2013*	**5.6**	**4.9**	NA	CH2M
	07/31/2013	**5.6**	**4.9**	NA	CH2M
	10/14/2013	**5.0**	**5.0**	NA	CH2M
	01/22/2014	**5.1**	**5.0**	NA	CH2M
	04/14/2014	**7.5**	**5.5**	NA	CH2M
	07/18/2014	**5.3**	**5.3**	NA	CH2M
	10/09/2014	**5.6**	**5.5**	NA	CH2M
	01/19/2015	**5.6**	**5.8**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-79S	04/07/2015	**5.8**	**5.6**	NA	CH2M
	07/09/2015	**5.8**	**5.7**	NA	CH2M
	07/09/2015*	**5.7**	**5.7**	NA	CH2M
	10/08/2015	**5.9**	**5.8**	NA	Arcadis
	01/04/2016	**5.3**	**5.5**	NA	Arcadis
	04/07/2016	**6.0**	**5.6**	NA	Arcadis
	07/13/2016	**6.2**	**5.8**	NA	Arcadis
	10/04/2016	**6.5**	**5.7**	NA	Arcadis
	01/31/2017	**5.8**	**6.0**	NA	Arcadis
	04/18/2017	**5.8**	**6.2**	NA	Arcadis
	07/14/2017	**6.6**	**6.2**	NA	Arcadis
	10/10/2017	**5.9**	**6.5**	NA	Arcadis
	01/10/2018	**6.3**	**6.0**	NA	Arcadis
	04/09/2018	**6.3**	**6.4**	NA	Arcadis
	07/20/2018	**6.3**	**6.2**	NA	Arcadis
	10/11/2018	**6.6**	**6.3**	NA	Arcadis
	01/08/2019	**7.1**	**6.1**	NA	Arcadis
	04/10/2019	**6.8**	**6.6**	NA	Arcadis
	07/09/2019	**7.4**	**7.0**	NA	Arcadis
	10/11/2019	**8.3**	**6.0**	NA	Arcadis
	12/03/2019	**7.6**	**7.7**	NA	Arcadis
	04/07/2020	**7.4**	**7.1**	NA	Arcadis
No. of Samples:	44				
MW-80D	05/12/2010	ND (1.0)	**0.78**	NA	CH2M
	08/02/2010	**1.2**	**1.0**	NA	CH2M
	10/28/2010	**1.5**	**1.0**	NA	CH2M
	10/28/2010*	**1.0**	**1.0**	NA	CH2M
	01/27/2011	**1.4**	**1.2**	NA	CH2M
	01/27/2011*	**1.2**	**1.2**	NA	CH2M
	04/27/2011	**1.8**	**1.4**	NA	CH2M
	07/28/2011	**1.2**	**1.4**	NA	CH2M
	11/02/2011	**1.5**	**1.4**	NA	CH2M
	01/17/2012	ND (1.0)	**1.4**	NA	CH2M
	04/10/2012	**1.9**	**1.4**	NA	CH2M
	07/20/2012	**1.1**	**0.93**	NA	CH2M
	10/18/2012	**1.5**	**1.2**	NA	CH2M
	01/24/2013	**1.5**	**1.3**	NA	CH2M
	04/16/2013	**1.7**	**1.1**	NA	CH2M
	07/31/2013	**1.5**	**1.2**	NA	CH2M
	10/14/2013	**1.3**	**1.2**	NA	CH2M
	01/22/2014	**1.2**	**1.3**	NA	CH2M
	04/14/2014	**1.6**	ND (1.4)	NA	CH2M
	07/24/2014	**1.6**	**1.3**	NA	CH2M
	10/09/2014	**1.2**	**1.2**	NA	CH2M
	01/19/2015	**1.5**	**1.4**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-80D	04/07/2015	**1.3**	**1.0**	NA	CH2M
	04/07/2015*	**1.3**	**1.0**	NA	CH2M
	07/08/2015	**1.1**	**1.2**	NA	CH2M
	10/08/2015	**1.5**	**1.2**	NA	Arcadis
No. of Samples:	26				
MW-80S	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/27/2011	ND (1.0)	**0.23**	NA	CH2M
	04/27/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/02/2011	ND (1.0)	**0.36**	NA	CH2M
	01/17/2012	ND (1.0)	**0.32**	NA	CH2M
	04/06/2012	ND (1.0)	**0.92**	NA	CH2M
	07/20/2012	ND (1.0)	**0.32**	NA	CH2M
	10/10/2012	ND (1.0)	**0.81**	NA	CH2M
	01/30/2013	**1.3**	**0.58**	NA	CH2M
	04/16/2013	**1.9**	**1.7**	NA	CH2M
	07/31/2013	**1.9**	**1.4**	NA	CH2M
	10/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/22/2014	ND (1.0)	**0.75**	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.14)	NA	CH2M
	07/24/2014	**1.7**	**1.2**	NA	CH2M
	10/09/2014	**1.6**	**1.2**	NA	CH2M
	01/22/2015	**2.7**	**2.5**	NA	CH2M
	04/07/2015	**2.0**	**1.8**	NA	CH2M
	07/09/2015	**1.4**	**1.1**	NA	CH2M
	10/08/2015	**1.8**	**1.5**	NA	Arcadis
	01/04/2016	**4.3**	**4.5**	NA	Arcadis
	04/07/2016	**1.9**	**1.4**	NA	Arcadis
	07/13/2016	**3.9**	**3.7**	NA	Arcadis
	10/07/2016	**1.3**	**1.2**	NA	Arcadis
	02/03/2017	**7.4**	**7.6**	NA	Arcadis
	03/08/2017	**2.8**	**2.8**	NA	Arcadis
	04/18/2017	**5.9**	**5.2**	NA	Arcadis
	06/05/2017	**5.2**	**6.0**	NA	Arcadis
	07/14/2017	**4.0**	**3.7**	NA	Arcadis
	10/10/2017	**9.2**	**9.8**	NA	Arcadis
	01/22/2018	**5.5**	ND (0.2)	NA	Arcadis
	02/05/2018	**5.8**	**6.3**	NA	Arcadis
	04/18/2018	ND (1.0)	**0.34**	NA	Arcadis
	07/27/2018	**2.5**	**2.4**	NA	Arcadis
	10/11/2018	**1.9**	**1.1**	NA	Arcadis
	02/12/2019	**5.7**	**5.3**	NA	Arcadis
	03/05/2019	**5.6**	**1.8**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-80S	04/05/2019	ND (1.0)	**1.6**	NA	Arcadis
	07/09/2019	ND (1.0)	**0.82**	NA	Arcadis
	10/11/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	02/03/2020	**1.3**	1.4 J	NA	Arcadis
	02/03/2020*	**1.0**	1.1 J	NA	Arcadis
	04/09/2020	**1.3**	**1.4**	NA	Arcadis
No. of Samples:	46				
MW-81S	05/13/2010	**4.6**	**2.0**	NA	CH2M
	08/05/2010	**4.1**	**4.7**	NA	CH2M
	10/05/2010	**2.0**	**1.6**	NA	CH2M
	10/26/2010	ND (1.0)	**0.84**	NA	CH2M
	01/25/2011	**4.4**	**3.2**	NA	CH2M
	03/16/2011	**4.3**	**3.8**	NA	CH2M
	05/05/2011	**2.8**	**2.4**	NA	CH2M
	08/09/2011	**1.5**	**1.6**	NA	CH2M
	10/28/2011	**2.3**	**1.8**	NA	CH2M
	02/03/2012	**2.9**	**2.6**	NA	CH2M
	04/26/2012	**2.3**	**1.6**	NA	CH2M
	07/31/2012	**2.3**	**2.2**	NA	CH2M
	10/10/2012	**2.1**	**1.8**	NA	CH2M
	01/23/2013	**2.0**	**1.9**	NA	CH2M
	04/10/2013	**3.2**	**2.6**	NA	CH2M
	07/18/2013	**1.4**	**1.1**	NA	CH2M
	10/15/2013	**1.8**	**1.5**	NA	CH2M
	01/16/2014	**1.1**	**0.84**	NA	CH2M
	04/15/2014	**2.2**	**1.4**	NA	CH2M
	04/15/2014*	**1.9**	**1.4**	NA	CH2M
	07/21/2014	**2.2**	**1.3**	NA	CH2M
	10/14/2014	**1.7**	**1.6**	NA	CH2M
	01/22/2015	**2.3**	**1.9**	NA	CH2M
	04/08/2015	**2.0**	**1.6**	NA	CH2M
	07/22/2015	**1.5**	**1.3**	NA	CH2M
	10/09/2015	**2.1**	**2.0**	NA	Arcadis
No. of Samples:	26				
MW-82S	05/13/2010	**1.4**	**0.95**	NA	CH2M
	08/05/2010	**1.8**	**1.8**	NA	CH2M
	10/26/2010	**2.1**	**1.4**	NA	CH2M
	01/25/2011	ND (1.0)	**0.9**	NA	CH2M
	04/28/2011	**1.5**	**1.3**	NA	CH2M
	08/09/2011	**1.0**	**1.3**	NA	CH2M
	10/26/2011	**1.5**	**1.5**	NA	CH2M
	02/03/2012	**1.6**	**1.2**	NA	CH2M
	04/26/2012	**1.5**	**1.2**	NA	CH2M
	07/31/2012	**1.6**	**1.4**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-82S	10/05/2012	**1.6**	**1.4**	NA	CH2M
	10/05/2012*	**1.5**	**1.4**	NA	CH2M
	01/23/2013	**1.4**	**1.3**	NA	CH2M
	04/10/2013	**1.6**	**1.3**	NA	CH2M
	04/10/2013*	**1.8**	**1.3**	NA	CH2M
	07/18/2013	**1.4**	**1.2**	NA	CH2M
	10/16/2013	**1.5**	**1.2**	NA	CH2M
	01/21/2014	**1.3**	**1.2**	NA	CH2M
	04/03/2014	**1.5**	**1.2**	NA	CH2M
	07/09/2014	**1.4**	**1.1**	NA	CH2M
	10/14/2014	**1.3**	**1.0**	NA	CH2M
	01/16/2015	**1.3**	**1.1**	NA	CH2M
	04/09/2015	**1.5**	**1.1**	NA	CH2M
	07/23/2015	ND (1.0)	**1.1**	NA	CH2M
	10/09/2015	**1.0**	**1.0**	NA	Arcadis
No. of Samples:	25				
MW-83D	08/04/2010	**2.5**	**1.9**	NA	CH2M
	10/28/2010	**2.3**	**2.0**	NA	CH2M
	01/27/2011	**2.6**	**2.5**	NA	CH2M
	05/04/2011	**2.8**	**2.0**	NA	CH2M
	07/28/2011	**2.2**	**1.4**	NA	CH2M
	11/02/2011	**2.0**	**2.6**	NA	CH2M
	01/17/2012	**1.4**	ND (1.0)	NA	CH2M
	04/10/2012	**2.6**	**0.71**	NA	CH2M
	06/04/2012	**1.0**	**0.83**	NA	CH2M
	07/24/2012	**2.4**	**0.64**	NA	CH2M
	07/24/2012*	**2.3**	**0.66**	NA	CH2M
	10/18/2012	ND (1.0)	**0.73**	NA	CH2M
	01/24/2013	**1.4**	**0.67**	NA	CH2M
	04/11/2013	**1.2**	**0.76**	NA	CH2M
	07/31/2013	**1.1**	**0.84**	NA	CH2M
	10/17/2013	**1.2**	**0.65**	NA	CH2M
	01/22/2014	**1.9**	**0.72**	NA	CH2M
	04/15/2014	**1.4**	**0.88**	NA	CH2M
	07/21/2014	**1.4**	**0.74**	NA	CH2M
	10/14/2014	ND (1.0)	**0.83**	NA	CH2M
	01/19/2015	ND (1.0)	**0.79**	NA	CH2M
	04/07/2015	ND (1.0)	**0.73**	NA	CH2M
	07/21/2015	ND (1.0)	**0.7**	NA	CH2M
	10/14/2015	ND (1.0)	**0.66**	NA	Arcadis
	01/07/2016	**1.2**	**0.59**	NA	Arcadis
	04/08/2016	**1.5**	**0.53**	NA	Arcadis
	07/11/2016	ND (1.0)	**0.83**	NA	Arcadis
	11/01/2016	**1.0**	**0.72**	NA	Arcadis
	01/04/2017	ND (1.0)	**0.66**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-83D	04/12/2017	**1.4**	**1.0**	NA	Arcadis
	07/12/2017	**1.8**	**1.8**	NA	Arcadis
	10/10/2017	**1.6**	**1.3**	NA	Arcadis
	01/09/2018	**1.8**	**1.0**	NA	Arcadis
	04/17/2018	**2.5**	**1.6**	NA	Arcadis
	07/11/2018	**2.7**	**1.9**	NA	Arcadis
	10/09/2018	**3.3**	**1.7**	NA	Arcadis
	11/27/2018	**2.3**	**1.6**	NA	Arcadis
	01/08/2019	**2.2**	**1.5**	NA	Arcadis
	04/04/2019	**2.3**	**1.7**	NA	Arcadis
	04/04/2019*	**2.2**	**1.7**	NA	Arcadis
	07/09/2019	**2.8**	**1.6**	NA	Arcadis
	07/09/2019*	**3.0**	**1.6**	NA	Arcadis
	10/11/2019	**2.4**	**2.1**	NA	Arcadis
	01/07/2020	**3.0**	**2.0**	NA	Arcadis
	04/23/2020	**2.5**	**2.3**	NA	Arcadis
No. of Samples:	45				
MW-83S	06/22/2010	**1.8**	**0.55**	NA	CH2M
	08/04/2010	**1.1**	**0.56**	NA	CH2M
	10/28/2010	**2.4**	**1.8**	NA	CH2M
	01/27/2011	**2.4**	**2.4**	NA	CH2M
	05/04/2011	**3.3**	**1.8**	NA	CH2M
	06/02/2011	**2.7**	**2.7**	NA	CH2M
	07/28/2011	**1.9**	**1.2**	NA	CH2M
	11/02/2011	**1.9**	ND (1.0)	NA	CH2M
	11/02/2011*	**1.7**	**1.1**	NA	CH2M
	01/17/2012	**1.9**	**1.4**	NA	CH2M
	04/10/2012	**3.3**	**1.2**	NA	CH2M
	06/04/2012	**2.8**	**1.7**	NA	CH2M
	07/24/2012	**2.8**	**1.3**	NA	CH2M
	10/18/2012	**1.9**	**1.2**	NA	CH2M
	01/24/2013	**2.7**	**1.4**	NA	CH2M
	04/11/2013	**2.4**	**1.4**	NA	CH2M
	07/31/2013	**2.3**	**1.0**	NA	CH2M
	10/01/2013	**2.1**	**1.0**	NA	CH2M
	01/22/2014	**2.5**	**1.0**	NA	CH2M
	04/15/2014	**2.5**	**1.5**	NA	CH2M
	07/21/2014	**2.2**	**1.4**	NA	CH2M
	10/14/2014	**2.6**	**2.1**	NA	CH2M
	01/19/2015	**2.5**	**2.2**	NA	CH2M
	04/07/2015	**1.8**	**1.5**	NA	CH2M
	07/21/2015	**2.0**	**1.7**	NA	CH2M
	10/14/2015	**3.1**	**1.7**	NA	Arcadis
	12/10/2015	**4.7**	**1.8**	NA	Arcadis
	01/07/2016	**2.3**	**1.5**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-83S	04/08/2016	**2.4**	**1.5**	NA	Arcadis
	07/11/2016	**2.1**	**2.0**	NA	Arcadis
	11/01/2016	**2.1**	**1.9**	NA	Arcadis
	01/04/2017	**2.0**	**1.9**	NA	Arcadis
	04/12/2017	**2.5**	**1.6**	NA	Arcadis
	07/12/2017	**2.3**	**1.8**	NA	Arcadis
	10/10/2017	**2.6**	**2.0**	NA	Arcadis
	01/09/2018	**3.2**	**2.4**	NA	Arcadis
	04/17/2018	**2.6**	**1.9**	NA	Arcadis
	04/17/2018*	**2.5**	**1.9**	NA	Arcadis
	07/11/2018	**3.4**	**2.0**	NA	Arcadis
	08/07/2018	**2.7**	**2.1**	NA	Arcadis
	10/09/2018	**3.6**	**3.0**	NA	Arcadis
	11/27/2018	**3.7**	**3.0**	NA	Arcadis
	01/08/2019	**4.5**	**3.0**	NA	Arcadis
	03/06/2019	**4.2**	**3.7**	NA	Arcadis
	04/04/2019	**4.1**	**3.4**	NA	Arcadis
	06/05/2019	**4.4**	**4.3**	NA	Arcadis
	07/09/2019	**5.0**	**4.8**	NA	Arcadis
	10/11/2019	**5.9**	**5.4**	NA	Arcadis
	01/07/2020	**5.3**	**4.4**	NA	Arcadis
	03/05/2020	**5.7**	**4.3**	NA	Arcadis
	04/23/2020	**4.7**	**3.5**	NA	Arcadis
No. of Samples:	51				
MW-84D	05/12/2010	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/27/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2011	ND (1.0)	ND (0.14)	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2012	ND (1.0)	**0.14**	NA	CH2M
	07/18/2012*	ND (1.0)	**0.14**	NA	CH2M
	10/01/2012	ND (1.0)	**0.089**	NA	CH2M
	01/29/2013	ND (1.0)	**0.084**	NA	CH2M
	01/29/2013*	ND (1.0)	**0.088**	NA	CH2M
	04/02/2013	ND (1.0)	**0.1**	NA	CH2M
	07/03/2013	ND (1.0)	**0.12**	NA	CH2M
	10/07/2013	ND (1.0)	**0.36**	NA	CH2M
	01/22/2014	ND (1.0)	**0.16**	NA	CH2M
	04/16/2014	ND (1.0)	**0.36**	NA	CH2M
	07/22/2014	ND (1.0)	**0.23**	NA	CH2M
	10/09/2014	ND (1.0)	**0.4**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-84D	01/22/2015	ND (1.0)	**0.21**	NA	CH2M
	04/07/2015	ND (1.0)	**0.096**	NA	CH2M
	07/21/2015	ND (1.0)	**0.14**	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.082)	NA	Arcadis
	01/11/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/07/2016	ND (1.0)	**0.16**	NA	Arcadis
	07/12/2016	ND (1.0)	**0.23**	NA	Arcadis
	10/14/2016	ND (1.0)	**0.19**	NA	Arcadis
	01/04/2017	ND (1.0)	**0.09**	NA	Arcadis
	04/19/2017	ND (1.0)	**0.083**	NA	Arcadis
	07/12/2017	ND (1.0)	**0.3**	NA	Arcadis
	10/16/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/11/2018	ND (1.0)	**0.1**	NA	Arcadis
	04/10/2018	ND (1.0)	**0.12**	NA	Arcadis
	07/11/2018	ND (1.0)	**0.18**	NA	Arcadis
	10/08/2018	ND (1.0)	**0.17**	NA	Arcadis
	01/07/2019	ND (1.0)	**0.12**	NA	Arcadis
	04/10/2019	ND (1.0)	**0.19**	NA	Arcadis
	07/08/2019	ND (1.0)	**0.11**	NA	Arcadis
	10/16/2019	ND (1.0)	**0.16**	NA	Arcadis
	01/07/2020	ND (1.0)	**0.19**	NA	Arcadis
	04/13/2020	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	43				
MW-84S	05/12/2010	**1.88**	**1.5**	NA	CH2M
	08/02/2010	**1.9**	**1.8**	NA	CH2M
	10/28/2010	**3.4**	**1.9**	NA	CH2M
	01/27/2011	**1.9**	**2.1**	NA	CH2M
	04/29/2011	**2.6**	**2.0**	NA	CH2M
	08/09/2011	**2.7**	**2.1**	NA	CH2M
	10/28/2011	**2.6**	**2.3**	NA	CH2M
	02/03/2012	**3.0**	**2.3**	NA	CH2M
	04/24/2012	3.8 J	**2.2**	NA	CH2M
	04/24/2012*	3.3 J	**2.2**	NA	CH2M
	06/04/2012	**2.6**	**2.1**	NA	CH2M
	07/31/2012	**1.8**	**1.8**	NA	CH2M
	10/08/2012	**2.0**	**1.6**	NA	CH2M
	01/30/2013	**2.2**	**1.8**	NA	CH2M
	01/30/2013*	**2.2**	**1.8**	NA	CH2M
	04/10/2013	**2.1**	**1.8**	NA	CH2M
	07/16/2013	**2.0**	**1.5**	NA	CH2M
	10/14/2013	**1.8**	**1.6**	NA	CH2M
	10/14/2013*	**1.8**	**1.6**	NA	CH2M
	01/22/2014	**1.8**	**1.7**	NA	CH2M
	04/16/2014	**2.0**	**1.9**	NA	CH2M
	07/22/2014	**2.2**	**1.8**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-84S	10/09/2014	**1.6**	**1.7**	NA	CH2M
	01/22/2015	**1.8**	**2.0**	NA	CH2M
	04/07/2015	**1.9**	**1.9**	NA	CH2M
	07/21/2015	**1.7**	**1.7**	NA	CH2M
	10/14/2015	**1.7**	**2.1**	NA	Arcadis
	01/11/2016	**1.9**	**1.8**	NA	Arcadis
	04/07/2016	**1.8**	**1.7**	NA	Arcadis
	07/12/2016	**2.3**	**1.8**	NA	Arcadis
	10/14/2016	**1.9**	**1.7**	NA	Arcadis
	01/04/2017	**2.0**	**1.7**	NA	Arcadis
	04/19/2017	**1.5**	**1.7**	NA	Arcadis
	07/12/2017	**1.6**	**1.7**	NA	Arcadis
	10/16/2017	**2.7**	**1.6**	NA	Arcadis
	01/11/2018	**1.7**	**1.6**	NA	Arcadis
	04/10/2018	**2.1**	**1.5**	NA	Arcadis
	07/11/2018	**2.0**	**1.5**	NA	Arcadis
	10/08/2018	**1.9**	**1.6**	NA	Arcadis
	01/07/2019	**1.9**	**1.7**	NA	Arcadis
	04/10/2019	**3.3**	**1.8**	NA	Arcadis
	06/05/2019	**2.5**	**1.9**	NA	Arcadis
	07/08/2019	**1.9**	**2.0**	NA	Arcadis
	10/16/2019	**2.5**	**1.9**	NA	Arcadis
	01/07/2020	**2.0**	**1.9**	NA	Arcadis
	04/13/2020	**3.1**	**1.9**	NA	Arcadis
No. of Samples:	46				
MW-85D	06/21/2010	ND (1.0)	ND (0.49)	NA	CH2M
	08/03/2010	ND (1.0)	**0.44**	NA	CH2M
	10/26/2010	ND (1.0)	**0.29**	NA	CH2M
	01/25/2011	ND (1.0)	**0.76**	NA	CH2M
	05/04/2011	ND (1.0)	**0.22**	NA	CH2M
	07/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/03/2011	ND (1.0)	ND (0.084)	NA	CH2M
	01/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/17/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/17/2013	ND (1.0)	ND (0.2)	NA	CH2M
	04/11/2013	ND (1.0)	**0.22**	NA	CH2M
	07/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/17/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	01/24/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/24/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/24/2014*	ND (1.0)	ND (0.06)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-85D	10/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/20/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2015	ND (1.0)	**0.072**	NA	CH2M
	07/21/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/11/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/07/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	07/12/2016	ND (1.0)	**0.071**	NA	Arcadis
	10/14/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/06/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/07/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/13/2017	ND (1.0)	ND (0.11)	NA	Arcadis
	10/16/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/11/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	10/08/2018	ND (1.0)	**0.3**	NA	Arcadis
	01/07/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/03/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/03/2019*	ND (1.0)	ND (0.06)	NA	Arcadis
	07/08/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/16/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	01/07/2020	**1.2**	ND (0.06)	NA	Arcadis
	04/13/2020	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	44				
MW-85S	06/21/2010	ND (1.0)	ND (0.58)	NA	CH2M
	06/21/2010*	ND (1.0)	ND (0.56)	NA	CH2M
	08/03/2010	ND (1.0)	**0.92**	NA	CH2M
	10/26/2010	**1.4**	**0.54**	NA	CH2M
	01/25/2011	**1.3**	**1.1**	NA	CH2M
	05/04/2011	**1.4**	**1.3**	NA	CH2M
	07/28/2011	**1.2**	**1.6**	NA	CH2M
	11/03/2011	**1.7**	**1.6**	NA	CH2M
	01/17/2012	**1.9**	**1.3**	NA	CH2M
	04/10/2012	**2.4**	**1.5**	NA	CH2M
	07/23/2012	**1.8**	**1.5**	NA	CH2M
	10/18/2012	**1.6**	**1.5**	NA	CH2M
	01/24/2013	**2.0**	**1.6**	NA	CH2M
	04/11/2013	**2.1**	**1.6**	NA	CH2M
	07/31/2013	**2.1**	**1.6**	NA	CH2M
	10/17/2013	**2.0**	**1.3**	NA	CH2M
	01/24/2014	**1.7**	**1.7**	NA	CH2M
	04/11/2014	**1.8**	**1.8**	NA	CH2M
	07/24/2014	**2.0**	**1.7**	NA	CH2M
	10/09/2014	**1.8**	**1.8**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-85S	01/20/2015	**1.7**	**1.8**	NA	CH2M
	04/08/2015	**2.0**	**1.8**	NA	CH2M
	07/21/2015	**1.7**	**1.7**	NA	CH2M
	10/14/2015	**1.8**	**1.8**	NA	Arcadis
	01/11/2016	**1.7**	**1.7**	NA	Arcadis
	04/07/2016	**2.4**	**1.6**	NA	Arcadis
	07/12/2016	**1.7**	**1.7**	NA	Arcadis
	10/14/2016	**1.9**	**1.6**	NA	Arcadis
	01/06/2017	**1.9**	**1.5**	NA	Arcadis
	04/07/2017	**1.6**	**1.6**	NA	Arcadis
	07/13/2017	**1.9**	**1.5**	NA	Arcadis
	10/16/2017	**1.7**	**1.4**	NA	Arcadis
	10/16/2017*	**1.7**	**1.4**	NA	Arcadis
	01/10/2018	**1.6**	**1.2**	NA	Arcadis
	04/10/2018	**1.4**	**1.2**	NA	Arcadis
	07/11/2018	**1.6**	**1.1**	NA	Arcadis
	10/08/2018	**1.6**	**1.2**	NA	Arcadis
	01/07/2019	**2.0**	**1.2**	NA	Arcadis
	04/03/2019	**1.8**	**1.3**	NA	Arcadis
	07/18/2019	**1.3**	**1.4**	NA	Arcadis
	10/16/2019	**1.4**	**1.4**	NA	Arcadis
	01/07/2020	**1.8**	**1.5**	NA	Arcadis
	04/13/2020	**1.9**	**1.1**	NA	Arcadis
No. of Samples:	43				
MW-86D	06/21/2010	ND (1.0)	ND (0.83)	NA	CH2M
	08/02/2010	**1.1**	**0.3**	NA	CH2M
	10/26/2010	**1.4**	**1.2**	NA	CH2M
	01/25/2011	ND (1.0)	**0.77**	NA	CH2M
	05/04/2011	**4.4**	**1.0**	NA	CH2M
	05/04/2011*	**3.9**	**1.1**	NA	CH2M
	06/01/2011	**1.4**	**1.2**	NA	CH2M
	07/28/2011	ND (1.0)	**0.77**	NA	CH2M
	11/03/2011	**1.9**	**1.6**	NA	CH2M
	01/17/2012	**1.4**	**0.89**	NA	CH2M
	04/10/2012	**1.8**	**1.5**	NA	CH2M
	07/20/2012	**2.1**	**1.6**	NA	CH2M
	10/18/2012	**1.5**	**1.5**	NA	CH2M
	01/24/2013	**1.6**	**1.2**	NA	CH2M
	04/16/2013	**1.2**	**0.99**	NA	CH2M
	07/31/2013	**1.4**	**1.2**	NA	CH2M
	10/17/2013	**1.8**	**1.3**	NA	CH2M
	01/22/2014	**1.5**	**1.4**	NA	CH2M
	04/16/2014	**1.7**	**1.6**	NA	CH2M
	07/24/2014	**1.9**	**1.4**	NA	CH2M
	10/09/2014	**1.4**	**1.5**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-86D	01/22/2015	**1.4**	**1.5**	NA	CH2M
	04/07/2015	**1.6**	**1.3**	NA	CH2M
	07/07/2015	**1.1**	**1.1**	NA	CH2M
	10/22/2015	**1.4**	**1.4**	NA	Arcadis
	01/06/2016	**1.9**	**1.5**	NA	Arcadis
	01/06/2016*	**2.0**	**1.5**	NA	Arcadis
	07/13/2016	**1.9**	**1.7**	NA	Arcadis
	01/04/2017	**1.8**	**1.6**	NA	Arcadis
	07/17/2017	**1.9**	**1.8**	NA	Arcadis
	10/10/2017	**2.2**	**1.9**	NA	Arcadis
	04/09/2018	**1.7**	**1.5**	NA	Arcadis
	10/11/2018	**1.6**	**1.5**	NA	Arcadis
	04/05/2019	**1.7**	**1.8**	NA	Arcadis
	08/06/2019	**1.8**	**1.8**	NA	Arcadis
	10/22/2019	**1.9**	**1.9**	NA	Arcadis
	04/08/2020	**3.1**	**1.9**	NA	Arcadis
No. of Samples:	37				
MW-86S	06/22/2010	**6.0**	**5.5**	NA	CH2M
	08/02/2010	**7.5**	**7.4**	NA	CH2M
	10/26/2010	**5.7**	**5.3**	NA	CH2M
	01/25/2011	**5.0**	**5.7**	NA	CH2M
	05/04/2011	**7.4**	**5.2**	NA	CH2M
	06/01/2011	**5.6**	**5.6**	NA	CH2M
	07/28/2011	**5.5**	**4.9**	NA	CH2M
	11/03/2011	**5.8**	**5.4**	NA	CH2M
	01/17/2012	**5.0**	**4.8**	NA	CH2M
	04/10/2012	**5.9**	**5.1**	NA	CH2M
	04/10/2012*	**5.3**	**5.1**	NA	CH2M
	07/20/2012	**5.3**	**4.8**	NA	CH2M
	10/18/2012	**4.8**	**4.5**	NA	CH2M
	10/18/2012*	**4.7**	**4.6**	NA	CH2M
	01/24/2013	**5.2**	**4.2**	NA	CH2M
	01/24/2013*	**5.2**	**4.2**	NA	CH2M
	04/16/2013	**5.5**	**5.0**	NA	CH2M
	07/31/2013	**5.4**	**4.6**	NA	CH2M
	10/17/2013	**4.8**	**4.3**	NA	CH2M
	01/22/2014	**5.5**	**4.5**	NA	CH2M
	04/16/2014	**5.2**	**5.2**	NA	CH2M
	07/24/2014	**5.5**	**4.7**	NA	CH2M
	10/09/2014	**4.6**	**4.4**	NA	CH2M
	10/09/2014*	**4.4**	**4.5**	NA	CH2M
	01/22/2015	**5.0**	**4.8**	NA	CH2M
	04/07/2015	**5.4**	**4.8**	NA	CH2M
	07/07/2015	**5.0**	**4.9**	NA	CH2M
	10/22/2015	**4.7**	**4.9**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-86S	01/06/2016	**1.7**	**1.7**	NA	Arcadis
	07/13/2016	**5.3**	**4.7**	NA	Arcadis
	01/04/2017	**4.8**	**4.6**	NA	Arcadis
	07/17/2017	**4.9**	**4.9**	NA	Arcadis
	10/10/2017	**4.7**	**5.0**	NA	Arcadis
	04/09/2018	**5.2**	**4.7**	NA	Arcadis
	10/11/2018	**5.4**	**4.5**	NA	Arcadis
	04/12/2019	**5.0**	**4.7**	NA	Arcadis
	08/06/2019	**4.4**	**4.7**	NA	Arcadis
	10/22/2019	**5.0**	**4.5**	NA	Arcadis
	04/08/2020	**4.6**	**4.2**	NA	Arcadis
No. of Samples:	39				
MW-87D	06/22/2010	**1.3**	**0.6**	NA	CH2M
	08/02/2010	**1.4**	**1.4**	NA	CH2M
	10/26/2010	**1.6**	**1.5**	NA	CH2M
	01/25/2011	**1.2**	**1.2**	NA	CH2M
	05/04/2011	**2.6**	**1.6**	NA	CH2M
	06/02/2011	**2.5**	**2.3**	NA	CH2M
	07/28/2011	**2.6**	**2.7**	NA	CH2M
	11/03/2011	**2.8**	**2.6**	NA	CH2M
	01/17/2012	**2.2**	**1.9**	NA	CH2M
	04/10/2012	**1.4**	**1.1**	NA	CH2M
	07/24/2012	**1.4**	**0.94**	NA	CH2M
	10/18/2012	**2.5**	**2.5**	NA	CH2M
	01/24/2013	**3.0**	**2.5**	NA	CH2M
	04/09/2013	**3.4**	**3.6**	NA	CH2M
	07/31/2013	**4.0**	**3.4**	NA	CH2M
	10/17/2013	**3.1**	**2.8**	NA	CH2M
	01/22/2014	**3.2**	**3.2**	NA	CH2M
	04/16/2014	**3.5**	**3.4**	NA	CH2M
	07/23/2014	**3.4**	**2.8**	NA	CH2M
	10/09/2014	**1.4**	**1.3**	NA	CH2M
	01/15/2015	**3.1**	**3.2**	NA	CH2M
	01/15/2015*	**3.1**	**3.2**	NA	CH2M
	04/07/2015	**2.7**	**2.4**	NA	CH2M
	07/07/2015	**3.6**	**3.6**	NA	CH2M
	10/13/2015	**3.1**	**3.2**	NA	Arcadis
	01/06/2016	**2.9**	**2.4**	NA	Arcadis
	04/07/2016	**3.0**	**3.1**	NA	Arcadis
	07/13/2016	**2.4**	**2.0**	NA	Arcadis
	10/07/2016	**3.0**	**2.9**	NA	Arcadis
	04/12/2017	**3.7**	**3.1**	NA	Arcadis
	10/10/2017	**3.3**	**3.2**	NA	Arcadis
	04/17/2018	**3.4**	**2.9**	NA	Arcadis
	10/11/2018	**3.2**	**2.8**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-87D	10/11/2018*	**3.3**	**2.7**	NA	Arcadis
	04/05/2019	**2.8**	**2.8**	NA	Arcadis
	10/22/2019	**2.0**	**1.7**	NA	Arcadis
	04/09/2020	**2.1**	**1.7**	NA	Arcadis
No. of Samples:	37				
MW-87S	06/22/2010	**4.0**	**3.8**	NA	CH2M
	08/02/2010	**2.0**	**2.2**	NA	CH2M
	10/26/2010	**2.3**	**2.1**	NA	CH2M
	01/25/2011	**3.2**	**3.4**	NA	CH2M
	05/04/2011	**3.8**	**2.9**	NA	CH2M
	06/02/2011	**3.5**	**3.3**	NA	CH2M
	07/28/2011	**2.6**	**2.4**	NA	CH2M
	11/03/2011	**4.1**	**3.5**	NA	CH2M
	01/17/2012	**3.4**	**2.7**	NA	CH2M
	04/10/2012	**3.0**	**2.7**	NA	CH2M
	07/24/2012	**2.6**	**2.3**	NA	CH2M
	10/18/2012	**3.1**	**3.2**	NA	CH2M
	01/24/2013	**4.2**	**3.5**	NA	CH2M
	04/16/2013	**3.1**	**2.7**	NA	CH2M
	07/31/2013	**3.0**	**2.6**	NA	CH2M
	10/17/2013	**3.3**	**3.1**	NA	CH2M
	01/22/2014	**2.9**	**2.7**	NA	CH2M
	04/16/2014	**3.5**	**3.3**	NA	CH2M
	07/23/2014	**3.3**	**2.8**	NA	CH2M
	10/09/2014	**3.4**	**2.8**	NA	CH2M
	01/15/2015	**3.8**	**3.1**	NA	CH2M
	04/07/2015	**3.4**	**3.0**	NA	CH2M
	07/07/2015	**3.7**	**3.3**	NA	CH2M
	10/13/2015	**3.6**	**3.6**	NA	Arcadis
	01/06/2016	**4.2**	**3.3**	NA	Arcadis
	04/07/2016	**2.7**	**2.5**	NA	Arcadis
	07/13/2016	**3.5**	**2.9**	NA	Arcadis
	10/07/2016	**3.7**	**3.3**	NA	Arcadis
	01/31/2017	**3.3**	**3.2**	NA	Arcadis
	04/12/2017	**4.3**	**3.6**	NA	Arcadis
	04/12/2017*	**4.0**	**3.6**	NA	Arcadis
	10/10/2017	**3.3**	**3.7**	NA	Arcadis
	10/10/2017*	**3.5**	**3.5**	NA	Arcadis
	02/05/2018	**3.2**	**3.4**	NA	Arcadis
	04/17/2018	**3.9**	**3.1**	NA	Arcadis
	07/27/2018	**2.8**	**2.4**	NA	Arcadis
	10/11/2018	**3.6**	**3.1**	NA	Arcadis
	04/12/2019	**3.0**	**2.3**	NA	Arcadis
	04/12/2019*	**2.8**	**2.4**	NA	Arcadis
	10/22/2019	**3.2**	**2.2**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-87S	04/09/2020	**2.4**	**2.3**	NA	Arcadis
No. of Samples:	41				
MW-88D	06/21/2010	ND (1.0)	ND (0.23)	NA	CH2M
	08/02/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2010*	ND (1.0)	ND (0.2)	NA	CH2M
	01/25/2011	ND (1.0)	ND (0.2)	NA	CH2M
	01/25/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	05/05/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/03/2011	ND (1.0)	ND (0.13)	NA	CH2M
	01/17/2012	ND (1.0)	**0.078**	NA	CH2M
	04/05/2012	ND (1.0)	**0.065**	NA	CH2M
	07/17/2012	ND (1.0)	**0.16**	NA	CH2M
	10/10/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2013	ND (1.0)	**0.069**	NA	CH2M
	04/09/2013*	ND (1.0)	**0.062**	NA	CH2M
	07/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	03/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.11)	NA	CH2M
	07/21/2014	ND (1.0)	**0.2**	NA	CH2M
	10/16/2014	ND (1.0)	**0.11**	NA	CH2M
	01/22/2015	ND (1.0)	**0.58**	NA	CH2M
	04/08/2015	ND (1.0)	**0.71**	NA	CH2M
	07/08/2015	**1.0**	**0.88**	NA	CH2M
	10/22/2015	ND (1.0)	**0.85**	NA	Arcadis
	01/08/2016	**1.2**	**1.0**	NA	Arcadis
	07/13/2016	**1.7**	**1.0**	NA	Arcadis
	01/06/2017	**1.3**	**1.1**	NA	Arcadis
	07/17/2017	**1.3**	**1.2**	NA	Arcadis
	10/18/2017	ND (1.0)	**0.93**	NA	Arcadis
	04/09/2018	ND (1.0)	**0.35**	NA	Arcadis
	10/11/2018	**1.6**	**1.5**	NA	Arcadis
	04/05/2019	**1.3**	**1.1**	NA	Arcadis
	10/22/2019	**3.2**	**1.7**	NA	Arcadis
	12/03/2019	ND (1.0)	**0.65**	NA	Arcadis
	04/24/2020	**1.6**	**1.1**	NA	Arcadis
No. of Samples:	39				
MW-88S	06/21/2010	**4.0**	**3.7**	NA	CH2M
	08/02/2010	**4.8**	**5.3**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-88S	10/26/2010	**5.2**	**5.5**	NA	CH2M
	01/25/2011	**5.7**	**5.6**	NA	CH2M
	05/05/2011	**5.9**	**5.4**	NA	CH2M
	07/28/2011	**6.2**	**5.7**	NA	CH2M
	11/03/2011	**6.2**	**5.8**	NA	CH2M
	01/18/2012	**6.1**	**5.4**	NA	CH2M
	04/10/2012	**5.9**	**5.3**	NA	CH2M
	07/24/2012	**5.2**	**4.4**	NA	CH2M
	07/24/2012*	**5.3**	**4.4**	NA	CH2M
	10/12/2012	**5.0**	**4.9**	NA	CH2M
	01/22/2013	**5.1**	**5.1**	NA	CH2M
	04/11/2013	**5.7**	**5.2**	NA	CH2M
	09/12/2013	**5.8**	**5.3**	NA	CH2M
	10/17/2013	**5.5**	**5.0**	NA	CH2M
	01/24/2014	**4.5**	**5.0**	NA	CH2M
	04/15/2014	**5.6**	**5.7**	NA	CH2M
	07/21/2014	**6.1**	**5.5**	NA	CH2M
	10/16/2014	**5.6**	**5.9**	NA	CH2M
	01/22/2015	**5.8**	**6.1**	NA	CH2M
	04/08/2015	**5.7**	**5.9**	NA	CH2M
	04/08/2015*	**5.7**	**5.9**	NA	CH2M
	07/08/2015	**5.4**	**5.6**	NA	CH2M
	10/23/2015	**5.2**	**6.0**	NA	Arcadis
	01/08/2016	**7.1**	**6.1**	NA	Arcadis
	07/13/2016	ND (1.0)	**0.52**	NA	Arcadis
	01/30/2017	**5.1**	**5.4**	NA	Arcadis
	07/18/2017	**5.0**	**5.8**	NA	Arcadis
	10/18/2017	**5.5**	**6.0**	NA	Arcadis
	05/03/2018	**5.5**	**5.8**	NA	Arcadis
	10/11/2018	**6.0**	**6.1**	NA	Arcadis
	04/05/2019	**5.8**	**6.1**	NA	Arcadis
	10/22/2019	**5.6**	**5.7**	NA	Arcadis
	04/24/2020	**3.9**	**4.3**	NA	Arcadis
No. of Samples:	35				
MW-89D	06/21/2010	**1.0**	ND (0.78)	NA	CH2M
	08/02/2010	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2010	**1.2**	**0.74**	NA	CH2M
	01/27/2011	ND (1.0)	**0.99**	NA	CH2M
	05/05/2011	**1.6**	**0.94**	NA	CH2M
	07/28/2011	ND (1.0)	**0.49**	NA	CH2M
	11/11/2011	**1.2**	**0.66**	NA	CH2M
	01/18/2012	ND (1.0)	**0.63**	NA	CH2M
	04/10/2012	ND (1.0)	**0.43**	NA	CH2M
	07/10/2012	ND (1.0)	**0.61**	NA	CH2M
	10/12/2012	ND (1.0)	**0.66**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-89D	01/31/2013	ND (1.0)	**0.74**	NA	CH2M
	04/11/2013	ND (1.0)	**0.78**	NA	CH2M
	08/01/2013	ND (1.0)	**0.7**	NA	CH2M
	10/17/2013	ND (1.0)	**0.69**	NA	CH2M
	01/24/2014	ND (1.0)	**0.66**	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.77)	NA	CH2M
	07/24/2014	ND (1.0)	**0.57**	NA	CH2M
	10/09/2014	ND (1.0)	**0.61**	NA	CH2M
	01/14/2015	ND (1.0)	**0.71**	NA	CH2M
	04/08/2015	ND (1.0)	**0.8**	NA	CH2M
	07/09/2015	ND (1.0)	**0.67**	NA	CH2M
	10/14/2015	ND (1.0)	**0.72**	NA	Arcadis
	01/07/2016	**1.0**	**0.76**	NA	Arcadis
	04/08/2016	ND (1.0)	**0.6**	NA	Arcadis
	07/19/2016	ND (1.0)	**0.76**	NA	Arcadis
	10/19/2016	ND (1.0)	**0.81**	NA	Arcadis
	01/03/2017	ND (1.0)	**0.61**	NA	Arcadis
	01/03/2017*	ND (1.0)	**0.59**	NA	Arcadis
	04/20/2017	ND (1.0)	**0.53**	NA	Arcadis
	07/12/2017	ND (1.0)	**0.77**	NA	Arcadis
	10/18/2017	ND (1.0)	**0.6**	NA	Arcadis
	01/08/2018	ND (1.0)	**0.8**	NA	Arcadis
	01/08/2018*	ND (1.0)	**0.78**	NA	Arcadis
	04/04/2018	ND (1.0)	**0.59**	NA	Arcadis
	07/16/2018	ND (1.0)	**0.71**	NA	Arcadis
	10/15/2018	ND (1.0)	**0.67**	NA	Arcadis
	01/07/2019	ND (1.0)	**0.69**	NA	Arcadis
	04/03/2019	ND (1.0)	**0.73**	NA	Arcadis
	07/11/2019	ND (1.0)	**0.36**	NA	Arcadis
	10/22/2019	ND (1.0)	**0.66**	NA	Arcadis
	01/07/2020	ND (1.0)	**0.72**	NA	Arcadis
	04/06/2020	ND (1.0)	**0.52**	NA	Arcadis
No. of Samples:	43				
MW-89S	06/21/2010	**2.1**	**2.4**	NA	CH2M
	08/02/2010	**3.1**	**3.0**	NA	CH2M
	10/28/2010	**3.0**	**2.6**	NA	CH2M
	01/27/2011	**3.8**	**3.7**	NA	CH2M
	05/05/2011	**4.6**	**4.4**	NA	CH2M
	07/28/2011	**4.3**	**3.5**	NA	CH2M
	07/28/2011*	**4.4**	**3.7**	NA	CH2M
	11/11/2011	**3.8**	**3.8**	NA	CH2M
	01/18/2012	**4.8**	**3.8**	NA	CH2M
	04/10/2012	**4.9**	**3.5**	NA	CH2M
	07/10/2012	**4.8**	**4.7**	NA	CH2M
	10/12/2012	**4.1**	**4.0**	NA	CH2M

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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-89S	01/31/2013	**4.4**	**4.0**	NA	CH2M
	04/11/2013	**4.1**	**3.4**	NA	CH2M
	08/01/2013	**3.6**	**3.2**	NA	CH2M
	10/17/2013	**3.3**	**3.0**	NA	CH2M
	01/24/2014	**3.3**	**2.7**	NA	CH2M
	04/15/2014	**3.3**	**3.1**	NA	CH2M
	07/24/2014	**4.0**	**2.5**	NA	CH2M
	09/04/2014	**3.1**	**3.0**	NA	CH2M
	10/09/2014	**2.9**	**3.1**	NA	CH2M
	01/14/2015	**3.2**	**3.3**	NA	CH2M
	04/08/2015	**3.5**	**3.2**	NA	CH2M
	07/09/2015	**3.1**	**3.2**	NA	CH2M
	10/14/2015	**3.1**	**3.0**	NA	Arcadis
	01/07/2016	**3.2**	**2.7**	NA	Arcadis
	04/08/2016	**2.7**	**2.0**	NA	Arcadis
	07/19/2016	**2.4**	**2.4**	NA	Arcadis
	07/19/2016*	**2.4**	**2.4**	NA	Arcadis
	10/19/2016	**3.5**	**2.2**	NA	Arcadis
	12/08/2016	**2.5**	**2.4**	NA	Arcadis
	01/03/2017	**2.1**	**2.3**	NA	Arcadis
	04/20/2017	**2.3**	**2.2**	NA	Arcadis
	07/12/2017	**2.8**	**2.3**	NA	Arcadis
	07/12/2017*	**2.6**	**2.3**	NA	Arcadis
	10/18/2017	**3.0**	**2.3**	NA	Arcadis
	01/08/2018	**2.4**	**2.3**	NA	Arcadis
	04/04/2018	**2.8**	**2.2**	NA	Arcadis
	07/16/2018	**2.3**	**2.3**	NA	Arcadis
	10/15/2018	**2.6**	**2.4**	NA	Arcadis
	10/15/2018*	**2.7**	**2.3**	NA	Arcadis
	01/07/2019	**3.4**	**2.1**	NA	Arcadis
	03/05/2019	**2.9**	**2.1**	NA	Arcadis
	04/03/2019	**2.4**	**2.3**	NA	Arcadis
	04/03/2019*	**2.4**	**2.3**	NA	Arcadis
	07/11/2019	**2.2**	**2.4**	NA	Arcadis
	10/22/2019	**2.6**	**2.1**	NA	Arcadis
	01/07/2020	**2.5**	**2.2**	NA	Arcadis
	04/06/2020	**3.1**	**1.9**	NA	Arcadis
No. of Samples:	49				
MW-90C	11/02/2010	ND (1.0)	ND (0.2)	NA	CH2M
	11/02/2010*	ND (1.0)	ND (0.2)	NA	CH2M
	01/13/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/29/2011*	**1.4**	ND (0.2)	NA	CH2M
	08/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2011	ND (1.0)	ND (0.06 J)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-90C	01/24/2012	ND (1.0)	ND (0.2)	NA	CH2M
	04/12/2012	ND (1.0)	ND (0.2 J)	NA	CH2M
	07/18/2012	ND (1.0)	ND (0.2)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.2)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.2)	NA	CH2M
	04/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2013	ND (1.0)	ND (0.2)	NA	CH2M
	10/04/2013	ND (1.0)	ND (0.2)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.2)	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.2)	NA	CH2M
	07/25/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/25/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.2)	NA	CH2M
	01/19/2015	ND (1.0)	ND (0.2)	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.2)	NA	CH2M
	07/20/2015	ND (1.0)	ND (0.2)	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.2)	NA	Arcadis
	01/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/15/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/21/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/07/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/07/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	05/01/2018	**1.0**	ND (0.2)	NA	Arcadis
	10/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	12/03/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	05/06/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	36				
MW-91C	11/16/2010	ND (1.0)	ND (0.2)	NA	CH2M
	01/13/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/28/2011	ND (1.0)	ND (0.077)	NA	CH2M
	10/28/2011*	ND (1.0)	ND (0.074)	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-91C	04/17/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2014*	ND (1.0)	ND (0.077)	NA	CH2M
	07/23/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/20/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/21/2015	ND (1.0)	ND (0.074)	NA	Arcadis
	01/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/15/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/06/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/12/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/01/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/25/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/13/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	34				
MW-92C	02/04/2011	**28.6**	**29.7**	NA	CH2M
	04/29/2011	**37.8**	**39.9**	NA	CH2M
	08/09/2011	**39.6**	**41.8**	NA	CH2M
	10/28/2011	**41**	**41.6**	NA	CH2M
	02/03/2012	**41.2**	**39**	NA	CH2M
	02/03/2012*	**40.9**	**39**	NA	CH2M
	04/13/2012	**39.2**	**34.3**	NA	CH2M
	07/25/2012	**27.5**	**20.8**	NA	CH2M
	10/08/2012	**18.5**	**15**	NA	CH2M
	02/01/2013	**16**	**8.8**	NA	CH2M
	03/11/2013	**15.3**	**7.8**	NA	CH2M
	04/09/2013	**11.7**	**10.4**	NA	CH2M
	07/11/2013	**17.2**	**14.4**	NA	CH2M
	10/09/2013	**19**	**19.1**	NA	CH2M
	01/15/2014	**24.4**	**17.8**	NA	CH2M
	01/15/2014*	**24.4**	**18.2**	NA	CH2M
	04/17/2014	**23**	**20**	NA	CH2M
	07/23/2014	**25**	**24**	NA	CH2M
	10/16/2014	**25**	**27**	NA	CH2M
	01/15/2015	**22**	**24**	NA	CH2M
	04/09/2015	**26**	**27**	NA	CH2M
	07/20/2015	**20**	**22**	NA	CH2M
	10/21/2015	**20**	**22**	NA	Arcadis
	01/06/2016	**25**	**21**	NA	Arcadis
	04/15/2016	**19**	**20**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-92C	07/19/2016	**19**	**19**	NA	Arcadis
	07/19/2016*	**19**	**19**	NA	Arcadis
	10/06/2016	**21**	**19**	NA	Arcadis
	01/05/2017	**19**	**18**	NA	Arcadis
	04/17/2017	**19**	**18**	NA	Arcadis
	07/20/2017	**16**	**18**	NA	Arcadis
	10/17/2017	**16**	**17**	NA	Arcadis
	01/11/2018	**16**	**16**	NA	Arcadis
	04/12/2018	**15**	**16**	NA	Arcadis
	04/12/2018*	**15**	**16**	NA	Arcadis
	07/11/2018	**13**	**13**	NA	Arcadis
	10/08/2018	**17**	**16**	NA	Arcadis
	10/08/2018*	**17**	**16**	NA	Arcadis
	01/09/2019	**19**	**17**	NA	Arcadis
	01/09/2019*	**19**	**17**	NA	Arcadis
	04/10/2019	**19**	**18**	NA	Arcadis
	07/10/2019	**18**	**18**	NA	Arcadis
	10/18/2019	**19**	**18**	NA	Arcadis
	01/16/2020	**24**	**25**	NA	Arcadis
	03/04/2020	**21**	**19**	NA	Arcadis
	04/13/2020	**19**	**15**	NA	Arcadis
No. of Samples:	46				
MW-93C	02/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/29/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2011	ND (1.0)	**0.21**	NA	CH2M
	01/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/20/2015	ND (1.0)	**0.37**	NA	CH2M
	10/21/2015	ND (1.0)	**0.25**	NA	Arcadis
	04/21/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-93C	10/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/12/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/25/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/14/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	29				
MW-94D	02/01/2011	**1.5**	**1.4**	NA	CH2M
	05/05/2011	**1.4**	**1.0**	NA	CH2M
	08/10/2011	ND (1.0)	**0.45**	NA	CH2M
	10/31/2011	ND (1.0)	**0.57**	NA	CH2M
	02/03/2012	**1.7**	**1.3**	NA	CH2M
	04/17/2012	**4.3**	**3.7**	NA	CH2M
	06/28/2012	**2.3**	**2.0**	NA	CH2M
	07/31/2012	**3.6**	**3.2**	NA	CH2M
	10/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	**2.3**	**2.0**	NA	CH2M
	04/10/2013	ND (1.0)	**0.1**	NA	CH2M
	07/16/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/15/2014	**2.0**	**1.2**	NA	CH2M
	04/17/2014	**3.4**	**3.3**	NA	CH2M
	07/23/2014	**3.6**	**3.2**	NA	CH2M
	10/09/2014	**3.5**	**3.7**	NA	CH2M
	01/13/2015	**1.6**	**1.5**	NA	CH2M
	04/07/2015	**2.3**	**2.1**	NA	CH2M
	07/09/2015	**4.2**	**4.1**	NA	CH2M
	07/09/2015*	**4.2**	**4.0**	NA	CH2M
	10/08/2015	**4.5**	**3.9**	NA	Arcadis
	04/07/2016	**3.7**	**3.3**	NA	Arcadis
	10/04/2016	**4.5**	**3.8**	NA	Arcadis
	02/02/2017	**3.7**	**3.6**	NA	Arcadis
	04/18/2017	**2.7**	**2.3**	NA	Arcadis
	07/11/2017	**2.9**	**3.1**	NA	Arcadis
	10/06/2017	**4.1**	**2.8**	NA	Arcadis
	11/27/2017	**3.7**	**3.5**	NA	Arcadis
	04/04/2018	**6.1**	**4.7**	NA	Arcadis
	06/06/2018	**4.3**	**3.9**	NA	Arcadis
	10/03/2018	**2.8**	**2.4**	NA	Arcadis
	10/11/2019	**4.5**	**3.6**	NA	Arcadis
No. of Samples:	34				
MW-94S	02/01/2011	**4.9**	**4.8**	NA	CH2M
	05/05/2011	**7.8**	**7.2**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-94S	08/10/2011	**6.9**	**7.1**	NA	CH2M
	10/31/2011	**5.7**	**6.9**	NA	CH2M
	02/03/2012	**7.0**	**6.7**	NA	CH2M
	04/13/2012	**7.1**	**6.8**	NA	CH2M
	07/31/2012	**5.1**	**4.8**	NA	CH2M
	10/08/2012	**2.3**	**2.1**	NA	CH2M
	01/30/2013	**7.0**	**6.9**	NA	CH2M
	04/10/2013	**6.8**	**5.9**	NA	CH2M
	07/16/2013	**5.8**	**5.2**	NA	CH2M
	10/10/2013	**6.7**	**6.4**	NA	CH2M
	01/15/2014	**7.5**	**6.2**	NA	CH2M
	04/17/2014	**6.7**	**6.7**	NA	CH2M
	07/23/2014	**6.9**	**6.5**	NA	CH2M
	10/09/2014	**6.6**	**7.1**	NA	CH2M
	01/13/2015	**6.9**	**7.3**	NA	CH2M
	04/07/2015	**6.6**	**6.1**	NA	CH2M
	07/09/2015	**6.9**	**6.6**	NA	CH2M
	10/08/2015	**5.7**	**5.9**	NA	Arcadis
	01/05/2016	**6.5**	**6.6**	NA	Arcadis
	01/05/2016*	**6.5**	**6.5**	NA	Arcadis
	04/07/2016	**6.7**	**6.4**	NA	Arcadis
	07/11/2016	**6.3**	**6.1**	NA	Arcadis
	10/04/2016	**6.9**	**6.1**	NA	Arcadis
	04/18/2017	**6.3**	**6.3**	NA	Arcadis
	10/06/2017	**6.7**	**6.3**	NA	Arcadis
	04/04/2018	**7.0**	**7.0**	NA	Arcadis
	10/03/2018	**6.3**	**5.6**	NA	Arcadis
	04/10/2019	**7.3**	**6.8**	NA	Arcadis
	10/11/2019	**6.9**	**6.4**	NA	Arcadis
	03/03/2020	**6.7**	**6.1**	NA	Arcadis
	04/07/2020	**6.0**	**6.1**	NA	Arcadis
No. of Samples:	33				
MW-95D	02/01/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/28/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/31/2011	ND (1.0)	ND (0.06 J)	NA	CH2M
	01/24/2012	ND (1.0)	**0.14**	NA	CH2M
	04/25/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/25/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2012	ND (1.0)	**0.087**	NA	CH2M
	10/02/2012	ND (1.0)	**0.099**	NA	CH2M
	01/30/2013	ND (1.0)	**0.11**	NA	CH2M
	04/02/2013	ND (1.0)	**0.081**	NA	CH2M
	04/02/2013*	ND (1.0)	**0.068**	NA	CH2M
	07/15/2013	ND (1.0)	**0.46**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-95D	10/18/2013	ND (1.0)	**0.52**	NA	CH2M
	01/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2014	ND (1.0)	**0.35**	NA	CH2M
	07/23/2014	ND (1.0)	**0.4**	NA	CH2M
	10/13/2014	ND (1.0)	**0.61**	NA	CH2M
	01/16/2015	ND (1.0)	**0.57**	NA	CH2M
	04/13/2015	ND (1.0)	**0.69**	NA	CH2M
	07/16/2015	ND (1.0)	**0.44**	NA	CH2M
	10/12/2015	ND (1.0)	**0.45**	NA	Arcadis
No. of Samples:	22				
MW-95S	02/01/2011	**4.0**	**4.1**	NA	CH2M
	04/28/2011	**7.0**	**6.4**	NA	CH2M
	08/10/2011	**7.4**	**8.1**	NA	CH2M
	10/31/2011	**7.8**	**7.8**	NA	CH2M
	02/03/2012	**7.5**	**6.7**	NA	CH2M
	04/18/2012	**8.8**	**8.0**	NA	CH2M
	07/25/2012	**8.1**	**8.0**	NA	CH2M
	10/08/2012	**11.5**	**6.9**	NA	CH2M
	12/05/2012	**7.8**	**7.0**	NA	CH2M
	01/16/2013	**7.8**	**7.8**	NA	CH2M
	04/09/2013	**7.7**	**7.6**	NA	CH2M
	07/17/2013	**9.1**	**7.6**	NA	CH2M
	10/18/2013	**8.0**	**7.6**	NA	CH2M
	10/18/2013*	**7.8**	**7.6**	NA	CH2M
	01/23/2014	**6.9**	**7.5**	NA	CH2M
	04/08/2014	**8.0**	**8.5**	NA	CH2M
	07/23/2014	**8.3**	**8.6**	NA	CH2M
	10/13/2014	**7.9**	**8.3**	NA	CH2M
	01/16/2015	**7.5**	**8.2**	NA	CH2M
	04/13/2015	**7.8**	**8.8**	NA	CH2M
	07/16/2015	**7.8**	**8.5**	NA	CH2M
	10/12/2015	**7.4**	**8.6**	NA	Arcadis
	01/06/2016	**9.4**	**8.3**	NA	Arcadis
	04/12/2016	**9.3**	**8.3**	NA	Arcadis
	04/12/2016*	**8.7**	**8.4**	NA	Arcadis
	07/19/2016	**8.5**	**8.2**	NA	Arcadis
	10/18/2016	**8.1**	**8.2**	NA	Arcadis
	04/13/2017	**8.5**	**8.4**	NA	Arcadis
	10/13/2017	**8.1**	**8.1**	NA	Arcadis
	04/16/2018	**8.1**	**8.0**	NA	Arcadis
	10/15/2018	**10**	**7.9**	NA	Arcadis
	04/08/2019	**8.0**	**8.0**	NA	Arcadis
	04/08/2019*	**8.0**	**8.0**	NA	Arcadis
	10/21/2019	**7.5**	**6.4**	NA	Arcadis
	04/15/2020	**8.0**	**7.0**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	35				
MW-96D	02/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	04/29/2011	ND (1.0)	**0.48**	NA	CH2M
	08/10/2011	ND (1.0)	**0.23**	NA	CH2M
	10/31/2011	ND (1.0)	0.084 J	NA	CH2M
	02/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	**0.1**	NA	CH2M
	07/24/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	ND (0.085)	NA	CH2M
	01/15/2015	ND (1.0)	**0.07**	NA	CH2M
	04/07/2015	ND (1.0)	**0.068**	NA	CH2M
	07/09/2015	ND (1.0)	ND (0.071)	NA	CH2M
	10/12/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	22				
MW-96S	02/07/2011	**1.4**	**1.6**	NA	CH2M
	04/29/2011	**1.2**	**1.0**	NA	CH2M
	08/10/2011	**1.2**	**1.6**	NA	CH2M
	10/31/2011	**2.3**	**2.4**	NA	CH2M
	02/02/2012	**2.7**	**2.7**	NA	CH2M
	04/18/2012	**2.8**	**2.7**	NA	CH2M
	07/30/2012	**3.1**	**2.6**	NA	CH2M
	10/02/2012	**3.0**	**2.8**	NA	CH2M
	01/30/2013	**3.0**	**3.0**	NA	CH2M
	04/02/2013	**2.8**	**2.7**	NA	CH2M
	07/15/2013	**2.5**	**2.6**	NA	CH2M
	10/07/2013	**2.9**	**2.8**	NA	CH2M
	01/08/2014	**3.0**	**2.9**	NA	CH2M
	04/15/2014	**3.0**	**3.1**	NA	CH2M
	06/04/2014	**2.9**	**2.8**	NA	CH2M
	07/24/2014	**3.4**	**2.8**	NA	CH2M
	09/04/2014	ND (1.0)	**0.16**	NA	CH2M
	10/09/2014	ND (1.0)	**0.71**	NA	CH2M
	01/15/2015	**1.6**	**1.7**	NA	CH2M
	04/07/2015	**1.9**	**1.8**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-96S	07/09/2015	**2.5**	**2.3**	NA	CH2M
	10/12/2015	**2.2**	**2.1**	NA	Arcadis
	01/05/2016	**3.9**	**2.2**	NA	Arcadis
	03/11/2016	**2.8**	**2.8**	NA	Arcadis
	04/07/2016	**2.7**	**2.6**	NA	Arcadis
	07/13/2016	**2.3**	**2.2**	NA	Arcadis
	10/07/2016	**2.9**	**2.6**	NA	Arcadis
	01/06/2017	**2.8**	**2.6**	NA	Arcadis
	04/18/2017	**2.6**	**2.5**	NA	Arcadis
	07/14/2017	**2.3**	**2.3**	NA	Arcadis
	10/10/2017	**2.9**	**2.8**	NA	Arcadis
	01/10/2018	**2.9**	**2.1**	NA	Arcadis
	04/09/2018	**2.5**	**2.3**	NA	Arcadis
	10/12/2018	**2.9**	**2.9**	NA	Arcadis
	10/12/2018*	**2.9**	**3.0**	NA	Arcadis
	04/03/2019	**2.2**	**2.0**	NA	Arcadis
	10/11/2019	**2.8**	**2.3**	NA	Arcadis
	05/07/2020	**2.5**	**2.5**	NA	Arcadis
No. of Samples:	38				
MW-97D	02/07/2011	**1.9**	**1.8**	NA	CH2M
	05/05/2011	**2.1**	**0.78**	NA	CH2M
	06/02/2011	**1.7**	**1.2**	NA	CH2M
	06/02/2011*	**1.7**	**1.2**	NA	CH2M
	08/10/2011	**1.4**	**1.2**	NA	CH2M
	10/31/2011	**1.7**	**1.1**	NA	CH2M
	02/02/2012	**1.8**	**1.2**	NA	CH2M
	04/18/2012	**1.8**	**1.2**	NA	CH2M
	07/26/2012	**1.8**	**1.2**	NA	CH2M
	07/26/2012*	**1.7**	**1.2**	NA	CH2M
	10/08/2012	**2.1**	**1.3**	NA	CH2M
	01/30/2013	**1.6**	**1.3**	NA	CH2M
	04/19/2013	**1.4**	**1.1**	NA	CH2M
	07/16/2013	**3.9**	**1.1**	NA	CH2M
	10/15/2013	**1.7**	**1.2**	NA	CH2M
	01/15/2014	**2.9**	**0.91**	NA	CH2M
	04/16/2014	**1.8**	**1.3**	NA	CH2M
	07/23/2014	**1.7**	**1.2**	NA	CH2M
	10/09/2014	**1.7**	**1.6**	NA	CH2M
	01/13/2015	**1.8**	**1.5**	NA	CH2M
	01/13/2015*	**1.7**	**1.5**	NA	CH2M
	04/07/2015	**1.6**	**1.2**	NA	CH2M
	07/09/2015	**2.1**	**1.6**	NA	CH2M
	10/08/2015	**1.9**	**1.5**	NA	Arcadis
No. of Samples:	24				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-97S	02/07/2011	**1.6**	**1.8**	NA	CH2M
	02/07/2011*	**1.7**	**2.1**	NA	CH2M
	05/05/2011	**22.7**	**0.25**	NA	CH2M
	06/02/2011	**1.3**	**1.3**	NA	CH2M
	08/10/2011	**1.6**	**1.3**	NA	CH2M
	10/31/2011	**2.1**	**2.1**	NA	CH2M
	02/02/2012	**2.8**	**2.1**	NA	CH2M
	04/18/2012	**3.4**	**2.9**	NA	CH2M
	06/13/2012	**3.1**	**2.6**	NA	CH2M
	07/26/2012	**3.8**	**3.0**	NA	CH2M
	09/11/2012	**2.4**	**2.1**	NA	CH2M
	10/02/2012	**2.6**	**2.2**	NA	CH2M
	10/02/2012*	**2.6**	**2.2**	NA	CH2M
	01/30/2013	**3.9**	**3.5**	NA	CH2M
	04/19/2013	**4.4**	**4.3**	NA	CH2M
	07/16/2013	**5.1**	**4.1**	NA	CH2M
	10/15/2013	**3.8**	**3.6**	NA	CH2M
	01/15/2014	**8.2**	**4.2**	NA	CH2M
	04/16/2014	**5.2**	**4.9**	NA	CH2M
	07/23/2014	**5.9**	**4.5**	NA	CH2M
	10/09/2014	**5.5**	**5.5**	NA	CH2M
	01/13/2015	**5.1**	**5.1**	NA	CH2M
	04/07/2015	**4.7**	**3.8**	NA	CH2M
	04/07/2015*	**4.7**	**3.8**	NA	CH2M
	07/09/2015	**4.5**	**3.8**	NA	CH2M
	10/08/2015	**4.9**	**4.9**	NA	Arcadis
	01/05/2016	**6.2**	**5.8**	NA	Arcadis
	04/07/2016	**5.6**	**3.8**	NA	Arcadis
	06/01/2016	**5.2**	**4.8**	NA	Arcadis
	07/13/2016	**4.9**	**4.5**	NA	Arcadis
	10/04/2016	**8.0**	**7.0**	NA	Arcadis
	01/31/2017	**6.9**	**5.4**	NA	Arcadis
	04/18/2017	**7.6**	**6.5**	NA	Arcadis
	07/14/2017	**8.7**	**7.3**	NA	Arcadis
	11/02/2017	**7.6**	**5.6**	NA	Arcadis
	11/02/2017*	**7.1**	**5.6**	NA	Arcadis
	11/30/2017	**7.1**	**5.3**	NA	Arcadis
	01/08/2018	**9.6**	**6.7**	NA	Arcadis
	03/07/2018	**6.5**	**5.7**	NA	Arcadis
	04/09/2018	**8.8**	**5.7**	NA	Arcadis
	06/06/2018	**6.0**	**4.8**	NA	Arcadis
	07/18/2018	**7.2**	**6.1**	NA	Arcadis
	10/16/2018	**7.7**	**5.6**	NA	Arcadis
	11/27/2018	**8.2**	**6.6**	NA	Arcadis
	04/10/2019	**11**	**8.2**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-97S	06/05/2019	**7.7**	**6.0**	NA	Arcadis
	10/11/2019	**11**	**6.7**	NA	Arcadis
	12/03/2019	**5.8**	**4.0**	NA	Arcadis
	04/07/2020	**6.9**	**7.1**	NA	Arcadis
No. of Samples:	49				
MW-98C	06/07/2011	ND (1.0)	**0.34**	NA	CH2M
	08/10/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	10/31/2011	ND (1.0)	**0.34**	NA	CH2M
	02/02/2012	ND (1.0)	**0.11**	NA	CH2M
	04/12/2012	ND (1.0)	**0.17**	NA	CH2M
	07/18/2012	ND (1.0)	**0.21**	NA	CH2M
	10/02/2012	ND (1.0)	**0.18**	NA	CH2M
	01/31/2013	ND (1.0)	**0.24**	NA	CH2M
	04/19/2013	ND (1.0)	**0.16**	NA	CH2M
	07/16/2013	ND (1.0)	**0.17**	NA	CH2M
	10/16/2013	ND (1.0)	**0.17**	NA	CH2M
	01/21/2014	ND (1.0)	**0.15**	NA	CH2M
	04/17/2014	ND (1.0)	**0.24**	NA	CH2M
	04/17/2014*	ND (1.0)	**0.23**	NA	CH2M
	07/23/2014	ND (1.0)	**0.2**	NA	CH2M
	10/14/2014	ND (1.0)	ND (0.21)	NA	CH2M
	01/22/2015	ND (1.0)	**0.25**	NA	CH2M
	04/09/2015	ND (1.0)	**0.23**	NA	CH2M
	07/20/2015	ND (1.0)	**0.24**	NA	CH2M
	10/21/2015	ND (1.0)	**0.34**	NA	Arcadis
	01/12/2016	ND (1.0)	**0.21**	NA	Arcadis
	04/21/2016	ND (1.0)	**0.24**	NA	Arcadis
	07/14/2016	ND (1.0)	**0.31**	NA	Arcadis
	10/17/2016	ND (1.0)	**0.2**	NA	Arcadis
	04/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/12/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/14/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	32				
MW-99C	06/07/2011	**1.2**	**0.4**	NA	CH2M
	06/21/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/10/2011	ND (1.0)	**0.36**	NA	CH2M
	10/27/2011	ND (1.1)	**0.2**	NA	CH2M
	02/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	**0.15**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-99C	04/23/2012*	ND (1.0)	**0.15**	NA	CH2M
	07/19/2012	ND (1.0)	**0.14**	NA	CH2M
	10/04/2012	ND (1.0)	**0.19**	NA	CH2M
	01/31/2013	ND (1.0)	**0.25**	NA	CH2M
	04/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.35)	NA	CH2M
	10/15/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/22/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	ND (0.083)	NA	CH2M
	07/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2014	ND (1.0)	**0.25**	NA	CH2M
	01/19/2015	ND (1.0)	**0.38**	NA	CH2M
	04/08/2015	ND (1.0)	ND (0.099)	NA	CH2M
	04/08/2015*	ND (1.0)	ND (0.099)	NA	CH2M
	07/20/2015	ND (1.0)	**0.56**	NA	CH2M
	10/14/2015	ND (1.0)	ND (0.074)	NA	Arcadis
	04/21/2016	ND (1.0)	**0.5**	NA	Arcadis
	05/05/2016	ND (1.0)	**0.25**	NA	Arcadis
	10/06/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2018	ND (1.0)	**0.21**	NA	Arcadis
	04/04/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	32				
MW-100C	06/07/2011	**6.8**	**5.5**	NA	CH2M
	07/29/2011	**10**	**9.0**	NA	CH2M
	10/27/2011	**11.8**	**9.3**	NA	CH2M
	02/02/2012	**11.8**	**10.8**	NA	CH2M
	02/02/2012*	**11.3**	**10.9**	NA	CH2M
	04/30/2012	**12.2**	**12**	NA	CH2M
	07/25/2012	**14.9**	**14**	NA	CH2M
	10/09/2012	**15.6**	**14.8**	NA	CH2M
	02/01/2013	**12.6**	**11.6**	NA	CH2M
	04/09/2013	**15.6**	**15**	NA	CH2M
	07/11/2013	18.7 J	**15.6**	NA	CH2M
	07/11/2013*	14.2 J	**15.6**	NA	CH2M
	10/15/2013	**17.7**	**17.1**	NA	CH2M
	01/22/2014	**19.3**	**18.9**	NA	CH2M
	04/14/2014	**19**	**19**	NA	CH2M
	07/25/2014	**20**	**19**	NA	CH2M
	07/25/2014*	**21**	**19**	NA	CH2M
	10/14/2014	**18**	**18**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-100C	01/19/2015	**18**	**19**	NA	CH2M
	04/08/2015	**14**	**14**	NA	CH2M
	07/23/2015	**12**	**13**	NA	CH2M
	10/14/2015	**12**	**12**	NA	Arcadis
	01/12/2016	**8.4**	**7.1**	NA	Arcadis
	04/21/2016	**15**	**11**	NA	Arcadis
	04/21/2016*	**15**	**11**	NA	Arcadis
	06/02/2016	**12**	**12**	NA	Arcadis
	08/05/2016	**12**	**12**	NA	Arcadis
	10/06/2016	**13**	**10**	NA	Arcadis
	01/05/2017	**12**	**11**	NA	Arcadis
	04/10/2017	**12**	**11**	NA	Arcadis
	07/20/2017	**8.9**	**9.2**	NA	Arcadis
	10/17/2017	**11**	**11**	NA	Arcadis
	01/09/2018	**14**	**13**	NA	Arcadis
	04/11/2018	**14**	**14**	NA	Arcadis
	07/12/2018	**15**	**16**	NA	Arcadis
	10/10/2018	**13**	**13**	NA	Arcadis
	01/09/2019	**16**	**14**	NA	Arcadis
	04/04/2019	**17**	**17**	NA	Arcadis
	07/10/2019	**18**	**18**	NA	Arcadis
	10/15/2019	**15**	**14**	NA	Arcadis
	01/10/2020	**18**	**17**	NA	Arcadis
	04/23/2020	**18**	**18**	NA	Arcadis
No. of Samples:	42				
MW-101D	06/16/2011	**18.2**	**16.4**	NA	CH2M
	07/29/2011	**12.6**	**14.8**	NA	CH2M
	10/25/2011	**13.7**	**13.3**	NA	CH2M
	02/02/2012	**11.5**	**11.3**	NA	CH2M
	04/30/2012	**12.6**	**12.2**	NA	CH2M
	07/25/2012	**9.9**	**9.1**	NA	CH2M
	10/09/2012	**2.6**	**2.1**	NA	CH2M
	01/21/2013	**6.8**	**6.6**	NA	CH2M
	04/09/2013	**12.2**	**11.5**	NA	CH2M
	07/11/2013	**9.9**	**8.5**	NA	CH2M
	10/16/2013	**6.5**	**5.6**	NA	CH2M
	01/21/2014	**6.1**	**6.0**	NA	CH2M
	04/03/2014	**9.6**	**9.3**	NA	CH2M
	07/09/2014	**6.2**	**6.9**	NA	CH2M
	10/14/2014	**3.7**	**3.6**	NA	CH2M
	10/14/2014*	**3.6**	**3.6**	NA	CH2M
	01/22/2015	**2.6**	**2.7**	NA	CH2M
	04/09/2015	**4.4**	**4.1**	NA	CH2M
	07/23/2015	**4.2**	**4.1**	NA	CH2M
	10/15/2015	**3.5**	**3.3**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-101D	10/15/2015*	**3.8**	**3.3**	NA	Arcadis
	01/12/2016	**2.4**	**2.6**	NA	Arcadis
	04/21/2016	**3.6**	**3.3**	NA	Arcadis
	06/02/2016	**4.0**	**3.9**	NA	Arcadis
	07/14/2016	**3.6**	**3.6**	NA	Arcadis
	10/20/2016	**4.1**	**3.6**	NA	Arcadis
	04/13/2017	**3.2**	**3.3**	NA	Arcadis
	04/13/2017*	**3.3**	**3.3**	NA	Arcadis
	10/12/2017	**3.6**	**3.7**	NA	Arcadis
	04/12/2018	**4.7**	**4.4**	NA	Arcadis
	10/16/2018	**7.7**	**5.9**	NA	Arcadis
	11/29/2018	**7.5**	**6.8**	NA	Arcadis
	02/11/2019	**7.1**	**5.9**	NA	Arcadis
	04/09/2019	**6.1**	**5.8**	NA	Arcadis
	07/10/2019	**8.6**	**5.7**	NA	Arcadis
	09/03/2019	**5.3**	**5.2**	NA	Arcadis
	10/18/2019	**6.0**	**5.8**	NA	Arcadis
	01/10/2020	**6.2**	**5.4**	NA	Arcadis
	04/14/2020	**5.3**	**5.3**	NA	Arcadis
No. of Samples:	39				
MW-101S	06/16/2011	**26.1**	**19.2**	NA	CH2M
	07/29/2011	**12.3**	**15**	NA	CH2M
	10/25/2011	**18.8**	**15.7**	NA	CH2M
	02/02/2012	**15.6**	**15.3**	NA	CH2M
	04/30/2012	**13.6**	**14**	NA	CH2M
	07/25/2012	**12.8**	**12.2**	NA	CH2M
	02/18/2013	**4.9**	**5.0**	NA	CH2M
	04/09/2013	**7.0**	**6.9**	NA	CH2M
No. of Samples:	8				
MW-102D	06/15/2011	**2.8**	**2.6**	NA	CH2M
	06/15/2011*	**2.8**	**2.6**	NA	CH2M
	07/29/2011	**2.9**	**2.7**	NA	CH2M
	10/25/2011	**2.9**	**2.8**	NA	CH2M
	02/02/2012	**3.1**	**2.7**	NA	CH2M
	04/18/2012	**3.0**	**2.7**	NA	CH2M
	07/25/2012	**3.0**	**2.7**	NA	CH2M
	10/04/2012	**2.7**	**2.7**	NA	CH2M
	01/31/2013	**2.8**	**2.8**	NA	CH2M
	01/31/2013*	**2.9**	**2.8**	NA	CH2M
	04/03/2013	**3.0**	**2.7**	NA	CH2M
	07/08/2013	**2.8**	**2.8**	NA	CH2M
	10/08/2013	**2.7**	**2.8**	NA	CH2M
	01/13/2014	**2.7**	**2.7**	NA	CH2M
	04/08/2014	**2.9**	**2.8**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-102D	04/08/2014*	**2.8**	**2.8**	NA	CH2M
	07/23/2014	**2.8**	**2.8**	NA	CH2M
	10/13/2014	**2.8**	**2.6**	NA	CH2M
	01/13/2015	**2.7**	**2.7**	NA	CH2M
	04/13/2015	**2.5**	**2.7**	NA	CH2M
	07/16/2015	**2.5**	**2.7**	NA	CH2M
	10/12/2015	**2.4**	**2.7**	NA	Arcadis
	01/06/2016	**3.1**	**2.5**	NA	Arcadis
	04/12/2016	**3.3**	**2.6**	NA	Arcadis
	07/15/2016	**2.8**	**2.5**	NA	Arcadis
	10/18/2016	**2.8**	**2.5**	NA	Arcadis
	01/05/2017	**2.9**	**2.5**	NA	Arcadis
	04/17/2017	**2.9**	**2.5**	NA	Arcadis
	07/21/2017	**2.2**	**2.5**	NA	Arcadis
	10/13/2017	**2.7**	**2.6**	NA	Arcadis
	01/22/2018	**3.3**	**2.5**	NA	Arcadis
	03/05/2018	**2.6**	**2.6**	NA	Arcadis
	04/16/2018	**2.9**	**2.4**	NA	Arcadis
	10/15/2018	**2.8**	**2.5**	NA	Arcadis
	04/08/2019	**2.7**	**2.5**	NA	Arcadis
	10/21/2019	**3.3**	**2.4**	NA	Arcadis
	12/03/2019	**2.9**	**2.6**	NA	Arcadis
	04/15/2020	**3.0**	**2.5**	NA	Arcadis
No. of Samples:	38				
MW-102S	06/15/2011	ND (1.0)	ND (0.2)	NA	CH2M
	07/29/2011	ND (1.0)	**0.39**	NA	CH2M
	08/16/2011	ND (1.0)	**0.29**	NA	CH2M
	09/16/2011	ND (1.0)	**0.34**	NA	CH2M
	10/25/2011	ND (1.0)	**0.47**	NA	CH2M
	10/25/2011*	ND (1.0)	**0.48**	NA	CH2M
	11/14/2011	ND (1.0)	**0.38**	NA	CH2M
	02/02/2012	ND (1.0)	**0.58**	NA	CH2M
	04/18/2012	**1.4**	**0.75**	NA	CH2M
	07/25/2012	**1.3**	**0.8**	NA	CH2M
	10/09/2012	**1.4**	**0.91**	NA	CH2M
	01/16/2013	**1.7**	**0.94**	NA	CH2M
	04/09/2013	**1.4**	**0.94**	NA	CH2M
	04/09/2013*	**1.6**	**0.96**	NA	CH2M
	07/17/2013	**1.5**	**1.0**	NA	CH2M
	10/18/2013	**1.6**	**1.1**	NA	CH2M
	01/23/2014	**1.2**	**1.1**	NA	CH2M
	04/08/2014	**1.5**	**1.4**	NA	CH2M
	07/23/2014	**1.6**	**1.4**	NA	CH2M
	10/13/2014	**1.6**	**1.3**	NA	CH2M
	01/13/2015	**1.7**	**1.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-102S	04/13/2015	**1.7**	**1.6**	NA	CH2M
	07/16/2015	**1.8**	**1.5**	NA	CH2M
	10/12/2015	**1.5**	**1.7**	NA	Arcadis
	04/12/2016	**4.1**	**1.8**	NA	Arcadis
	06/02/2016	**2.5**	**1.9**	NA	Arcadis
	07/15/2016	**2.3**	**2.0**	NA	Arcadis
	10/18/2016	**2.5**	**1.9**	NA	Arcadis
	01/05/2017	**3.2**	**2.1**	NA	Arcadis
	03/08/2017	**2.9**	**2.0**	NA	Arcadis
	04/17/2017	**2.9**	**2.2**	NA	Arcadis
	07/21/2017	**2.0**	**2.0**	NA	Arcadis
	10/13/2017	**2.8**	**2.1**	NA	Arcadis
	01/22/2018	**4.7**	**2.2**	NA	Arcadis
	03/05/2018	**2.4**	**2.2**	NA	Arcadis
No. of Samples:	35				
MW-103D	06/15/2011	**1.5**	**0.98**	NA	CH2M
	08/04/2011	**1.4**	**1.2**	NA	CH2M
	10/25/2011	**1.8**	**1.2**	NA	CH2M
	02/03/2012	**1.2**	**1.2**	NA	CH2M
	04/18/2012	**1.8**	**1.4**	NA	CH2M
	07/25/2012	**1.6**	**1.4**	NA	CH2M
	10/09/2012	**2.0**	**1.4**	NA	CH2M
	01/16/2013	**2.0**	**1.6**	NA	CH2M
	04/09/2013	**2.0**	**1.7**	NA	CH2M
	07/15/2013	**3.0**	**1.5**	NA	CH2M
	07/31/2013	**2.8**	**1.6**	NA	CH2M
	10/17/2013	**2.5**	**1.7**	NA	CH2M
	10/17/2013*	**2.3**	**1.7**	NA	CH2M
	01/23/2014	**1.8**	**1.7**	NA	CH2M
	04/08/2014	**1.9**	**1.8**	NA	CH2M
	07/14/2014	**1.6**	**1.8**	NA	CH2M
	10/13/2014	**1.8**	**1.4**	NA	CH2M
	01/13/2015	**1.6**	**1.6**	NA	CH2M
	01/13/2015*	**1.7**	**1.4**	NA	CH2M
	04/13/2015	**1.4**	**1.5**	NA	CH2M
	07/14/2015	**1.4**	**1.4**	NA	CH2M
	10/12/2015	**1.4**	**1.5**	NA	Arcadis
	04/13/2017	**1.6**	**1.2**	NA	Arcadis
	07/20/2017	**1.6**	**1.1**	NA	Arcadis
	10/16/2017	**1.5**	**1.2**	NA	Arcadis
	01/16/2018	**1.5**	**1.2**	NA	Arcadis
	05/07/2020	**2.1**	**1.0**	NA	Arcadis
	06/04/2020	**2.2**	**1.2**	NA	Arcadis
No. of Samples:	28				

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-103S	06/15/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/04/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/16/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/15/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/14/2011	ND (1.0)	ND (0.15)	NA	CH2M
	02/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/19/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2012	ND (1.0)	**0.11**	NA	CH2M
	01/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2014	ND (1.0)	**0.091**	NA	CH2M
	04/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/14/2014	ND (1.0)	**0.11**	NA	CH2M
	10/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2015	ND (1.0)	**0.071**	NA	CH2M
	04/13/2015	ND (1.0)	**0.094**	NA	CH2M
	07/14/2015	ND (1.0)	ND (0.13)	NA	CH2M
	07/14/2015*	ND (1.0)	ND (0.14)	NA	CH2M
	10/12/2015	ND (1.0)	ND (0.2)	NA	Arcadis
	05/07/2020	**1.1**	**0.43**	NA	Arcadis
No. of Samples:	24				
MW-104D	06/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	06/07/2011*	ND (1.0)	ND (0.2)	NA	CH2M
	08/03/2011	**1.1**	**0.59**	NA	CH2M
	10/25/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2011*	ND (1.0)	**0.2**	NA	CH2M
	02/02/2012	ND (1.0)	**0.11**	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.068)	NA	CH2M
	07/19/2012	ND (1.0)	**0.13**	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	ND (0.13)	NA	CH2M
	10/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/20/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/20/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	**0.12**	NA	CH2M
	07/24/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2014	ND (1.0)	ND (0.12)	NA	CH2M
	01/12/2015	ND (1.0)	**0.16**	NA	CH2M
	04/06/2015	ND (1.0)	ND (0.06)	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-104D	07/09/2015	ND (1.0)	**0.29**	NA	CH2M
	10/08/2015	ND (1.0)	**0.073**	NA	Arcadis
	01/04/2016	ND (1.0)	**0.096**	NA	Arcadis
	04/06/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/08/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	01/04/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	07/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2017	**3.6**	ND (0.2)	NA	Arcadis
	11/30/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/09/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/22/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/22/2019*	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	37				
MW-104S1	07/05/2011	**3.3**	**4.0**	NA	CH2M
	08/11/2011	**4.3**	**4.8**	NA	CH2M
	09/15/2011	**4.1**	**4.1**	NA	CH2M
	10/25/2011	**4.5**	**4.4**	NA	CH2M
	11/14/2011	**4.2**	**3.7**	NA	CH2M
	02/02/2012	**4.3**	**3.6**	NA	CH2M
	04/18/2012	**3.5**	**3.8**	NA	CH2M
	04/18/2012*	**4.1**	**3.7**	NA	CH2M
	07/26/2012	**2.8**	**2.5**	NA	CH2M
	10/09/2012	**3.4**	**3.6**	NA	CH2M
	01/21/2013	**1.3**	**1.3**	NA	CH2M
	04/11/2013	**3.2**	**3.4**	NA	CH2M
	07/16/2013	**3.4**	**2.8**	NA	CH2M
	10/11/2013	**2.6**	**2.3**	NA	CH2M
	01/20/2014	**2.5**	**2.3**	NA	CH2M
	04/16/2014	**3.8**	**3.7**	NA	CH2M
	07/24/2014	**4.0**	**3.4**	NA	CH2M
	10/08/2014	**3.6**	**3.7**	NA	CH2M
	01/12/2015	**3.3**	**3.7**	NA	CH2M
	04/06/2015	**3.3**	**3.3**	NA	CH2M
	07/09/2015	**3.5**	**3.6**	NA	CH2M
	10/08/2015	**3.5**	**3.2**	NA	Arcadis
	01/04/2016	**1.0**	**1.4**	NA	Arcadis
	04/06/2016	**3.6**	**3.2**	NA	Arcadis
	05/31/2016	**3.3**	**3.5**	NA	Arcadis
	07/08/2016	**3.7**	**3.4**	NA	Arcadis
	10/12/2016	**3.6**	**3.2**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-104S1	02/02/2017	**3.5**	**3.3**	NA	Arcadis
	04/05/2017	**3.4**	**3.1**	NA	Arcadis
	07/12/2017	**3.3**	**3.5**	NA	Arcadis
	10/05/2017	**3.9**	**3.3**	NA	Arcadis
	01/09/2018	**3.6**	**3.4**	NA	Arcadis
	04/05/2018	**3.6**	**3.5**	NA	Arcadis
	04/05/2018*	**3.7**	**3.6**	NA	Arcadis
	10/10/2018	**3.7**	**3.4**	NA	Arcadis
	02/11/2019	**3.5**	**3.2**	NA	Arcadis
	04/03/2019	**2.9**	**3.2**	NA	Arcadis
	07/09/2019	**3.9**	**3.7**	NA	Arcadis
	10/22/2019	**3.4**	**3.3**	NA	Arcadis
	04/07/2020	**3.6**	**3.3**	NA	Arcadis
No. of Samples:	40				
MW-104S2	06/07/2011	**2.9**	**2.5**	NA	CH2M
	08/03/2011	**3.9**	**3.0**	NA	CH2M
	08/11/2011	**2.8**	**3.2**	NA	CH2M
	09/15/2011	**2.7**	**3.1**	NA	CH2M
	10/25/2011	**3.3**	**3.0**	NA	CH2M
	11/14/2011	**3.1**	**2.8**	NA	CH2M
	02/02/2012	**3.2**	**3.0**	NA	CH2M
	04/18/2012	**3.5**	**3.1**	NA	CH2M
	07/26/2012	**2.9**	**2.8**	NA	CH2M
	10/04/2012	**3.4**	**3.2**	NA	CH2M
	01/21/2013	**3.0**	**3.0**	NA	CH2M
	04/11/2013	**2.9**	**3.0**	NA	CH2M
	07/16/2013	**3.1**	**2.8**	NA	CH2M
	10/11/2013	**3.0**	**2.8**	NA	CH2M
	01/20/2014	**2.3**	**2.4**	NA	CH2M
	04/17/2014	**2.8**	**2.6**	NA	CH2M
	07/24/2014	**3.5**	**3.1**	NA	CH2M
	10/08/2014	**3.2**	**3.3**	NA	CH2M
	10/08/2014*	**3.0**	**3.3**	NA	CH2M
	01/12/2015	**2.9**	**3.2**	NA	CH2M
	04/06/2015	**3.3**	**3.1**	NA	CH2M
	07/09/2015	**3.1**	**3.2**	NA	CH2M
	10/08/2015	**3.3**	**3.0**	NA	Arcadis
	10/08/2015*	**3.1**	**3.0**	NA	Arcadis
	04/06/2016	**3.2**	**3.1**	NA	Arcadis
	10/12/2016	**3.1**	**2.9**	NA	Arcadis
	10/05/2017	**2.7**	**2.8**	NA	Arcadis
	10/10/2018	**3.2**	**2.9**	NA	Arcadis
	10/22/2019	**3.1**	**2.8**	NA	Arcadis
No. of Samples:	29				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-105D	07/11/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2011	ND (1.0)	**0.31**	NA	CH2M
	02/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	02/02/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.064)	NA	CH2M
	07/19/2012	ND (1.0)	**0.067**	NA	CH2M
	10/04/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/04/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.095)	NA	CH2M
	10/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	ND (0.085)	NA	CH2M
	07/22/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	ND (0.1)	NA	CH2M
	10/09/2014*	ND (1.0)	**0.21**	NA	CH2M
	01/19/2015	ND (1.0)	**0.24**	NA	CH2M
	04/06/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2015	ND (1.0)	**0.11**	NA	CH2M
	10/15/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	10/15/2015*	ND (1.0)	ND (0.06)	NA	Arcadis
	01/05/2016	ND (1.0)	**0.29**	NA	Arcadis
	01/05/2016*	ND (1.0)	**0.29**	NA	Arcadis
	04/07/2016	ND (1.0)	**0.34**	NA	Arcadis
	07/11/2016	ND (1.0)	**0.35**	NA	Arcadis
	10/05/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	01/03/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/17/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	07/17/2017*	ND (1.0)	ND (0.13)	NA	Arcadis
	10/09/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	01/10/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	07/16/2018	ND (1.0)	ND (0.06)	NA	Arcadis
	10/01/2018	ND (1.0)	**0.3**	NA	Arcadis
	01/07/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	04/03/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	07/09/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/10/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/10/2019*	ND (1.0)	ND (0.06)	NA	Arcadis
	01/07/2020	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2020	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	44				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-105S	07/11/2011	**2.2**	**2.2**	NA	CH2M
	08/12/2011	**2.1**	**2.4**	NA	CH2M
	08/12/2011*	**2.3**	**2.5**	NA	CH2M
	09/14/2011	**2.5**	**2.6**	NA	CH2M
	10/25/2011	**3.0**	**2.4**	NA	CH2M
	11/14/2011	**3.0**	**2.2**	NA	CH2M
	02/02/2012	**2.6**	**2.4**	NA	CH2M
	04/18/2012	**3.0**	**2.3**	NA	CH2M
	07/25/2012	**2.5**	**2.4**	NA	CH2M
	10/04/2012	**2.6**	**2.5**	NA	CH2M
	01/25/2013	**2.9**	**2.5**	NA	CH2M
	04/17/2013	**2.5**	**2.4**	NA	CH2M
	07/16/2013	**2.4**	**1.8**	NA	CH2M
	10/10/2013	**2.5**	**2.4**	NA	CH2M
	01/14/2014	**2.8**	**2.1**	NA	CH2M
	04/16/2014	**2.8**	**2.7**	NA	CH2M
	07/22/2014	**3.2**	**2.8**	NA	CH2M
	09/04/2014	**2.4**	**2.4**	NA	CH2M
	10/09/2014	**2.7**	**2.9**	NA	CH2M
	01/19/2015	**2.8**	**2.8**	NA	CH2M
	04/06/2015	**2.9**	**2.8**	NA	CH2M
	07/08/2015	**3.1**	**2.8**	NA	CH2M
	07/08/2015*	**3.1**	**2.8**	NA	CH2M
	10/15/2015	**2.7**	**2.7**	NA	Arcadis
	01/05/2016	**2.9**	**2.8**	NA	Arcadis
	04/07/2016	**2.9**	**2.8**	NA	Arcadis
	07/11/2016	**3.2**	**2.9**	NA	Arcadis
	09/12/2016	**3.1**	**2.7**	NA	Arcadis
	10/05/2016	**3.6**	**2.7**	NA	Arcadis
	10/05/2016*	**3.3**	**2.7**	NA	Arcadis
	01/03/2017	**3.3**	**2.9**	NA	Arcadis
	03/07/2017	**3.1**	**2.5**	NA	Arcadis
	04/06/2017	**3.0**	**2.9**	NA	Arcadis
	07/12/2017	**3.1**	**2.8**	NA	Arcadis
	10/09/2017	**2.7**	**3.1**	NA	Arcadis
	01/10/2018	**2.9**	**2.9**	NA	Arcadis
	01/10/2018*	**3.0**	**2.9**	NA	Arcadis
	04/06/2018	**3.5**	**2.8**	NA	Arcadis
	06/06/2018	**3.4**	**2.7**	NA	Arcadis
	07/16/2018	**2.9**	**2.8**	NA	Arcadis
	10/01/2018	**3.0**	**2.8**	NA	Arcadis
	01/07/2019	**3.5**	**2.7**	NA	Arcadis
	03/04/2019	**2.5**	**2.4**	NA	Arcadis
	04/03/2019	**2.6**	**2.6**	NA	Arcadis
	07/09/2019	**3.2**	**3.0**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-105S	09/03/2019	**3.3**	**3.0**	NA	Arcadis
	10/10/2019	**3.7**	**2.8**	NA	Arcadis
	10/10/2019*	**3.5**	**2.8**	NA	Arcadis
	01/07/2020	**3.2**	**2.6**	NA	Arcadis
	04/06/2020	**4.2**	**3.1**	NA	Arcadis
	04/06/2020*	**3.5**	**3.1**	NA	Arcadis
No. of Samples:	51				
MW-106D	06/07/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/03/2011	ND (1.0)	**0.65**	NA	CH2M
	10/25/2011	ND (1.0)	**0.55**	NA	CH2M
	02/02/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/27/2012	ND (1.0)	**0.28**	NA	CH2M
	07/19/2012	ND (1.0)	**0.21**	NA	CH2M
	10/04/2012	ND (1.0)	**0.11**	NA	CH2M
	01/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	**0.37**	NA	CH2M
	10/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/20/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	**0.22**	NA	CH2M
	07/24/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/24/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2014	ND (1.0)	**0.3**	NA	CH2M
	01/14/2015	ND (1.0)	**0.072**	NA	CH2M
	04/06/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2015	ND (1.0)	**0.23**	NA	CH2M
	10/08/2015	ND (1.0)	**0.066**	NA	Arcadis
	01/04/2016	**1.2**	ND (0.06)	NA	Arcadis
	04/06/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/06/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	07/08/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/08/2016*	ND (1.0)	**0.2**	NA	Arcadis
	10/11/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/04/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	07/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/12/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	02/07/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/10/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/14/2019	ND (1.0)	ND (0.2)	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	38				
MW-106S	06/07/2011	**3.1**	**3.2**	NA	CH2M
	08/03/2011	ND (1.0)	**0.76**	NA	CH2M
	08/11/2011	ND (1.0)	**1.6**	NA	CH2M
	09/13/2011	**1.6**	**1.4**	NA	CH2M
	10/25/2011	**1.9**	**1.9**	NA	CH2M
	11/14/2011	**1.7**	**1.7**	NA	CH2M
	11/14/2011*	**1.7**	**1.7**	NA	CH2M
	02/02/2012	**1.8**	**1.9**	NA	CH2M
	04/19/2012	**2.4**	**2.2**	NA	CH2M
	07/26/2012	**2.8**	**2.5**	NA	CH2M
	10/09/2012	**2.7**	**2.5**	NA	CH2M
	01/21/2013	**2.9**	**2.8**	NA	CH2M
	04/11/2013	**2.7**	**2.8**	NA	CH2M
	07/16/2013	**3.2**	**2.6**	NA	CH2M
	10/11/2013	**2.6**	**2.6**	NA	CH2M
	01/20/2014	**2.7**	**2.9**	NA	CH2M
	04/16/2014	**3.2**	**3.0**	NA	CH2M
	07/24/2014	**3.3**	**2.9**	NA	CH2M
	09/04/2014	**2.8**	**3.1**	NA	CH2M
	10/08/2014	**2.9**	**3.2**	NA	CH2M
	01/14/2015	**2.8**	**3.1**	NA	CH2M
	04/06/2015	**3.1**	**3.1**	NA	CH2M
	07/09/2015	**3.2**	**3.1**	NA	CH2M
	07/09/2015*	**3.1**	**3.0**	NA	CH2M
	10/08/2015	**3.3**	**3.0**	NA	Arcadis
	01/04/2016	**3.1**	**2.9**	NA	Arcadis
	04/06/2016	**3.1**	**3.0**	NA	Arcadis
	07/08/2016	**3.5**	**3.1**	NA	Arcadis
	10/11/2016	**3.4**	**3.1**	NA	Arcadis
	10/11/2016*	**3.5**	**3.1**	NA	Arcadis
	01/04/2017	**3.5**	**3.1**	NA	Arcadis
	01/04/2017*	**3.2**	**3.1**	NA	Arcadis
	04/05/2017	**2.8**	**2.7**	NA	Arcadis
	04/05/2017*	**2.6**	**2.7**	NA	Arcadis
	07/12/2017	**2.8**	**3.0**	NA	Arcadis
	10/05/2017	**3.7**	**3.0**	NA	Arcadis
	11/30/2017	**3.2**	**3.1**	NA	Arcadis
	02/07/2018	**3.0**	**3.2**	NA	Arcadis
	02/07/2018*	**3.1**	**3.2**	NA	Arcadis
	04/05/2018	**3.0**	**3.0**	NA	Arcadis
	04/05/2018*	**3.0**	**3.0**	NA	Arcadis
	07/10/2018	**2.9**	**2.9**	NA	Arcadis
	10/10/2018	**3.1**	**2.9**	NA	Arcadis
	10/10/2018*	**3.2**	**2.9**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-106S	04/03/2019	**3.1**	**3.0**	NA	Arcadis
	04/03/2019*	**3.2**	**3.0**	NA	Arcadis
	10/14/2019	**3.1**	**3.0**	NA	Arcadis
	10/14/2019*	**3.4**	**3.0**	NA	Arcadis
	04/06/2020	**2.8**	**2.7**	NA	Arcadis
	04/06/2020*	**2.8**	**2.7**	NA	Arcadis
No. of Samples:	50				
MW-107D	06/16/2011	ND (1.0)	**0.22**	NA	CH2M
	08/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/25/2011	ND (1.0)	**0.57**	NA	CH2M
	02/02/2012	ND (1.0)	**0.13**	NA	CH2M
	04/23/2012	ND (1.0)	**0.23**	NA	CH2M
	07/19/2012	ND (1.0)	**0.39**	NA	CH2M
	10/08/2012	ND (1.0)	**0.51**	NA	CH2M
	01/30/2013	ND (1.0)	**0.45**	NA	CH2M
	04/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0 J)	1.8 J	NA	CH2M
	07/31/2013	ND (1.0)	**0.58**	NA	CH2M
	10/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	**0.86**	NA	CH2M
	07/22/2014	ND (1.0)	**0.56**	NA	CH2M
	10/09/2014	ND (1.0)	**1.0**	NA	CH2M
	01/19/2015	ND (1.0 J)	1.9 J	NA	CH2M
	04/06/2015	ND (1.0)	**0.8**	NA	CH2M
	04/06/2015*	ND (1.0)	**0.79**	NA	CH2M
	07/08/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2015	ND (1.0)	**1.6**	NA	Arcadis
	04/07/2016	ND (1.0)	**0.87**	NA	Arcadis
	10/04/2016	ND (1.0)	**0.24**	NA	Arcadis
	10/09/2017	2.2 J	ND (0.2)	NA	Arcadis
	10/09/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	11/30/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/01/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/11/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	28				
MW-107S	06/16/2011	**1.8**	**1.0**	NA	CH2M
	08/03/2011	ND (1.0)	ND (0.2)	NA	CH2M
	08/16/2011	**1.2**	**0.83**	NA	CH2M
	09/14/2011	ND (1.0)	**0.9**	NA	CH2M
	09/14/2011*	**1.1**	**0.87**	NA	CH2M
	10/25/2011	**1.1**	**0.99**	NA	CH2M
	11/14/2011	**1.4**	**0.94**	NA	CH2M
	02/02/2012	**1.2**	**0.85**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-107S	04/19/2012	**1.3**	**0.79**	NA	CH2M
	07/31/2012	**1.1**	**0.38**	NA	CH2M
	10/09/2012	**2.0**	**1.9**	NA	CH2M
	01/25/2013	**2.1**	**1.8**	NA	CH2M
	04/17/2013	**1.1**	**0.58**	NA	CH2M
	07/16/2013	**1.2**	**0.94**	NA	CH2M
	10/10/2013	**1.1**	**1.0**	NA	CH2M
	01/14/2014	**1.8**	**1.0**	NA	CH2M
	04/16/2014	**2.1**	**2.1**	NA	CH2M
	04/16/2014*	**2.2**	**2.2**	NA	CH2M
	07/22/2014	**2.5**	**2.1**	NA	CH2M
	10/09/2014	**2.3**	**2.3**	NA	CH2M
	01/19/2015	**2.4**	**2.3**	NA	CH2M
	04/06/2015	**2.5**	**2.4**	NA	CH2M
	07/08/2015	**2.4**	**2.3**	NA	CH2M
	10/15/2015	**2.3**	**2.5**	NA	Arcadis
	01/04/2016	**2.9**	**2.4**	NA	Arcadis
	04/07/2016	**2.6**	**2.4**	NA	Arcadis
	07/11/2016	**2.6**	**2.4**	NA	Arcadis
	10/04/2016	**2.8**	**2.4**	NA	Arcadis
	04/19/2017	**2.8**	**2.6**	NA	Arcadis
	10/09/2017	**2.7**	**2.5**	NA	Arcadis
	05/01/2018	**2.6**	**2.5**	NA	Arcadis
	10/01/2018	**8.0**	**2.1**	NA	Arcadis
	11/29/2018	**1.9**	**1.6**	NA	Arcadis
	04/03/2019	**2.4**	**1.8**	NA	Arcadis
	10/11/2019	**1.1**	**0.58**	NA	Arcadis
	04/07/2020	**2.8**	**2.4**	NA	Arcadis
No. of Samples:	36				
MW-108D	08/03/2011	**35.9**	**33.1**	NA	CH2M
	10/25/2011	**41.2**	**42.7**	NA	CH2M
	10/25/2011*	**40.5**	**40.2**	NA	CH2M
	02/02/2012	**46.8**	**45**	NA	CH2M
	04/13/2012	**40.8**	**40.2**	NA	CH2M
	07/25/2012	**37.2**	**40.5**	NA	CH2M
	07/25/2012*	**37.6**	**40.4**	NA	CH2M
	10/09/2012	**42.6**	**45**	NA	CH2M
	10/09/2012*	**43.8**	**44.7**	NA	CH2M
	01/21/2013	**44.3**	**45.7**	NA	CH2M
	04/09/2013	**39.1**	**41.5**	NA	CH2M
	07/11/2013	**49.2**	**46.3**	NA	CH2M
	10/09/2013	**41.5**	**44.3**	NA	CH2M
	01/15/2014	**46.4**	**41.4**	NA	CH2M
	01/15/2014*	**45.7**	**41.1**	NA	CH2M
	04/17/2014	**42**	**43**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-108D	07/23/2014	**35**	**35**	NA	CH2M
	10/16/2014	**31**	**35**	NA	CH2M
	01/15/2015	**35**	**38**	NA	CH2M
	04/09/2015	**38**	**35**	NA	CH2M
	07/14/2015	**30**	**31**	NA	CH2M
	10/21/2015	**31**	**35**	NA	Arcadis
	02/02/2017	**13**	**13**	NA	Arcadis
	06/05/2017	**13**	**14**	NA	Arcadis
	07/19/2017	**13**	**13**	NA	Arcadis
	10/13/2017	**8.4**	**8.2**	NA	Arcadis
	04/12/2018	**6.2**	**6.3**	NA	Arcadis
	10/08/2018	**5.8**	**5.3**	NA	Arcadis
	01/09/2019	**6.5**	**5.4**	NA	Arcadis
	04/10/2019	**6.5**	**5.6**	NA	Arcadis
	07/10/2019	**6.3**	**6.7**	NA	Arcadis
	10/18/2019	**4.4**	**3.4**	NA	Arcadis
	10/18/2019*	**4.4**	**3.3**	NA	Arcadis
	12/03/2019	**3.7**	**3.5**	NA	Arcadis
	01/16/2020	**3.5**	**3.2**	NA	Arcadis
	04/13/2020	**2.9**	**2.6**	NA	Arcadis
No. of Samples:	36				
MW-108S	08/03/2011	**17.1**	**15.7**	NA	CH2M
	10/25/2011	**27.7**	**25.7**	NA	CH2M
	02/02/2012	**31.2**	**29.2**	NA	CH2M
	04/13/2012	**35.7**	**33.6**	NA	CH2M
	07/25/2012	**35.2**	**35.3**	NA	CH2M
	10/09/2012	**38**	**39.2**	NA	CH2M
	01/21/2013	**38.2**	**39**	NA	CH2M
	04/09/2013	**34**	**36.2**	NA	CH2M
	07/11/2013	**38.8**	**37.4**	NA	CH2M
	10/09/2013	**31.1**	**33.3**	NA	CH2M
	01/15/2014	**39**	**36.3**	NA	CH2M
	04/17/2014	**38**	**39**	NA	CH2M
	07/23/2014	**39**	**41**	NA	CH2M
	10/16/2014	**40**	**42**	NA	CH2M
	01/15/2015	**38**	**42**	NA	CH2M
	04/09/2015	**46**	**42**	NA	CH2M
	07/14/2015	**44**	**43**	NA	CH2M
	10/22/2015	**37**	**41**	NA	Arcadis
	01/06/2016	**43**	**40**	NA	Arcadis
	01/06/2016*	**43**	**39**	NA	Arcadis
	04/11/2016	**39**	**42**	NA	Arcadis
No. of Samples:	21				
MW-109	08/03/2011	**2.3**	**2.2**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-109	10/25/2011	**6.3**	**5.8**	NA	CH2M
	02/02/2012	**21.2**	**20.7**	NA	CH2M
	04/19/2012	**18.8**	**17.7**	NA	CH2M
	07/25/2012	**14.1**	**15**	NA	CH2M
	10/09/2012	**15.5**	**15**	NA	CH2M
	01/17/2013	**18.8**	**20.1**	NA	CH2M
	04/09/2013	**17.5**	**16.8**	NA	CH2M
	07/11/2013	**11.2**	**9.6**	NA	CH2M
	07/11/2013*	**10.7**	**9.5**	NA	CH2M
	10/09/2013	**8.0**	**8.4**	NA	CH2M
	01/15/2014	**24.6**	**22.5**	NA	CH2M
	04/17/2014	**17**	**17**	NA	CH2M
	07/23/2014	**12**	**13**	NA	CH2M
	10/16/2014	**18**	**20**	NA	CH2M
	01/15/2015	**24**	**26**	NA	CH2M
	01/15/2015*	**22**	**26**	NA	CH2M
	04/09/2015	**22**	**21**	NA	CH2M
	07/22/2015	**10**	**11**	NA	CH2M
	10/21/2015	**10**	**11**	NA	Arcadis
	01/06/2016	14 J	**13**	NA	Arcadis
	04/11/2016	**13**	**13**	NA	Arcadis
	07/20/2016	**6.6**	**6.1**	NA	Arcadis
	10/31/2016	**9.9**	**9.4**	NA	Arcadis
	01/05/2017	**14**	**13**	NA	Arcadis
	04/12/2017	**11**	**11**	NA	Arcadis
	07/19/2017	**6.9**	**7.8**	NA	Arcadis
	10/17/2017	**7.9**	**8.5**	NA	Arcadis
	01/11/2018	**8.9**	**8.8**	NA	Arcadis
	04/12/2018	**6.1**	**6.1**	NA	Arcadis
	07/12/2018	**7.1**	**7.0**	NA	Arcadis
	10/08/2018	**6.1**	**5.9**	NA	Arcadis
	01/09/2019	**4.3**	**3.5**	NA	Arcadis
	04/10/2019	**5.2**	**4.9**	NA	Arcadis
	07/10/2019	**5.0**	**5.1**	NA	Arcadis
	10/24/2019	**27**	**2.6**	NA	Arcadis
	12/03/2019	**4.7**	**4.5**	NA	Arcadis
	01/13/2020	**5.8**	**4.4**	NA	Arcadis
	03/04/2020	**3.7**	**4.1**	NA	Arcadis
	04/13/2020	**4.7**	**5.0**	NA	Arcadis
No. of Samples:	40				
MW-110D	07/11/2011	**1.3**	**1.6**	NA	CH2M
	10/25/2011	**2.1**	**1.8**	NA	CH2M
	02/02/2012	**2.0**	**1.6**	NA	CH2M
	04/24/2012	**2.0**	**1.6**	NA	CH2M
	04/24/2012*	**1.7**	**1.5**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-110D	07/25/2012	**1.6**	**1.5**	NA	CH2M
	10/09/2012	**1.5**	**1.6**	NA	CH2M
	01/18/2013	**1.6**	**1.5**	NA	CH2M
	04/15/2013	**1.8**	**1.4**	NA	CH2M
	07/12/2013	**1.6**	**1.3**	NA	CH2M
	10/16/2013	**1.8**	**1.2**	NA	CH2M
	10/16/2013*	**1.6**	**1.2**	NA	CH2M
	01/21/2014	**1.6**	**1.4**	NA	CH2M
	04/15/2014	**1.7**	**1.6**	NA	CH2M
	07/21/2014	**1.6**	**1.4**	NA	CH2M
	10/09/2014	**1.5**	**1.5**	NA	CH2M
	01/21/2015	**1.8**	**1.6**	NA	CH2M
	04/07/2015	**1.6**	**1.6**	NA	CH2M
	07/13/2015	**1.3**	**1.6**	NA	CH2M
	10/13/2015	**1.7**	**1.4**	NA	Arcadis
	01/06/2016	**1.8**	**1.5**	NA	Arcadis
	04/15/2016	**1.7**	**1.6**	NA	Arcadis
	07/13/2016	**1.8**	**1.6**	NA	Arcadis
	10/18/2016	**2.9**	**1.1**	NA	Arcadis
	12/07/2016	**1.6**	**1.2**	NA	Arcadis
	01/05/2017	**1.9**	**1.5**	NA	Arcadis
	04/12/2017	**1.8**	**1.4**	NA	Arcadis
	07/20/2017	**1.6**	**1.5**	NA	Arcadis
	10/11/2017	**1.4**	**1.3**	NA	Arcadis
	01/11/2018	**1.8**	**1.5**	NA	Arcadis
No. of Samples:	30				
MW-110S	07/11/2011	**8.2**	**7.6**	NA	CH2M
	08/11/2011	**6.5**	**7.4**	NA	CH2M
	09/16/2011	**4.8**	**4.7**	NA	CH2M
	10/25/2011	**4.0**	**3.8**	NA	CH2M
	11/15/2011	**4.8**	**4.2**	NA	CH2M
	02/02/2012	**3.5**	**3.1**	NA	CH2M
	02/02/2012*	**3.2**	**3.1**	NA	CH2M
	04/24/2012	**3.1**	**2.9**	NA	CH2M
	07/25/2012	**4.0**	**3.7**	NA	CH2M
	10/09/2012	**4.3**	**4.0**	NA	CH2M
	01/18/2013	**3.9**	**3.4**	NA	CH2M
	04/15/2013	**4.8**	**4.3**	NA	CH2M
	07/12/2013	**4.4**	**3.9**	NA	CH2M
	10/16/2013	**4.8**	**4.4**	NA	CH2M
	01/21/2014	**4.4**	**4.1**	NA	CH2M
	04/15/2014	**4.3**	**4.0**	NA	CH2M
	04/15/2014*	**4.2**	**4.0**	NA	CH2M
	07/21/2014	**4.5**	**3.9**	NA	CH2M
	10/09/2014	**4.2**	**4.1**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-110S	01/21/2015	**4.7**	**4.3**	NA	CH2M
	04/07/2015	**5.2**	**4.6**	NA	CH2M
	07/13/2015	**3.7**	**4.0**	NA	CH2M
	10/13/2015	**4.8**	**4.6**	NA	Arcadis
	01/06/2016	**6.2**	**4.1**	NA	Arcadis
	04/15/2016	**4.2**	**4.4**	NA	Arcadis
	07/13/2016	**4.4**	**4.1**	NA	Arcadis
	10/18/2016	**4.3**	**4.0**	NA	Arcadis
	02/02/2017	**4.2**	**4.2**	NA	Arcadis
	04/12/2017	**4.8**	**3.8**	NA	Arcadis
	06/07/2017	**4.3**	**4.5**	NA	Arcadis
	07/20/2017	**4.4**	**4.6**	NA	Arcadis
	10/11/2017	**3.8**	**3.8**	NA	Arcadis
	01/11/2018	**5.6**	**4.3**	NA	Arcadis
	03/05/2018	**3.4**	**3.7**	NA	Arcadis
	04/18/2018	**4.0**	**4.0**	NA	Arcadis
	10/19/2018	**4.9**	**4.9**	NA	Arcadis
	04/08/2019	**4.9**	**4.9**	NA	Arcadis
	10/21/2019	**3.4**	**1.9**	NA	Arcadis
	12/04/2019	**5.4**	**5.0**	NA	Arcadis
	05/06/2020	**2.3**	**2.2**	NA	Arcadis
No. of Samples:	40				
MW-111D	07/05/2011	**4.7**	**0.45**	NA	CH2M
	08/12/2011	ND (1.0)	**0.6**	NA	CH2M
	09/13/2011	**2.0**	**0.67**	NA	CH2M
	10/25/2011	ND (1.0)	**0.43**	NA	CH2M
	11/15/2011	ND (1.0)	**0.24**	NA	CH2M
	02/01/2012	ND (1.0)	**0.12**	NA	CH2M
	04/23/2012	ND (1.0)	**0.28**	NA	CH2M
	07/19/2012	ND (1.0)	**0.094**	NA	CH2M
	10/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	**0.66**	NA	CH2M
	10/14/2013	ND (1.0)	**0.061**	NA	CH2M
	01/20/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2014	ND (1.0)	ND (0.14)	NA	CH2M
	07/22/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2014	ND (1.0)	ND (0.093)	NA	CH2M
	10/08/2014*	ND (1.0)	ND (0.085)	NA	CH2M
	01/15/2015	ND (1.0)	**0.34**	NA	CH2M
	04/06/2015	ND (1.0)	ND (0.32)	NA	CH2M
	07/09/2015	**3.2**	**0.098**	NA	CH2M
	09/01/2015	ND (1.0)	**0.33**	NA	CH2M
	10/09/2015	ND (1.0)	ND (0.06)	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-111D	10/09/2015*	**1.1**	ND (0.06)	NA	Arcadis
	10/11/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2019*	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	30				
MW-111S1	07/06/2011	**3.1**	**2.5**	NA	CH2M
	08/12/2011	**2.8**	**3.0**	NA	CH2M
	09/14/2011	**3.4**	**3.6**	NA	CH2M
	10/25/2011	**3.7**	**3.4**	NA	CH2M
	11/15/2011	**4.4**	**3.1**	NA	CH2M
	02/01/2012	**3.3**	**3.1**	NA	CH2M
	02/01/2012*	**3.3**	**3.1**	NA	CH2M
	04/27/2012	**3.3**	**3.1**	NA	CH2M
	07/25/2012	**2.6**	**2.5**	NA	CH2M
	10/10/2012	**2.7**	**2.7**	NA	CH2M
	01/21/2013	**2.8**	**2.7**	NA	CH2M
	04/10/2013	**3.0**	**2.6**	NA	CH2M
	04/10/2013*	**3.0**	**2.5**	NA	CH2M
	07/16/2013	**3.1**	**2.4**	NA	CH2M
	10/14/2013	**2.5**	**2.4**	NA	CH2M
	01/20/2014	**2.6**	**2.5**	NA	CH2M
	04/17/2014	**2.7**	**2.7**	NA	CH2M
	07/22/2014	**2.7**	**2.4**	NA	CH2M
	10/08/2014	**2.8**	**2.6**	NA	CH2M
	01/15/2015	**2.7**	**2.7**	NA	CH2M
	04/06/2015	**2.6**	**2.5**	NA	CH2M
	07/09/2015	**2.8**	**2.6**	NA	CH2M
	07/09/2015*	**2.7**	**2.6**	NA	CH2M
	10/09/2015	**2.5**	**2.5**	NA	Arcadis
	01/04/2016	**3.2**	**2.3**	NA	Arcadis
	04/06/2016	**2.6**	**2.3**	NA	Arcadis
	04/06/2016*	**2.4**	**2.3**	NA	Arcadis
	07/11/2016	**2.6**	**2.4**	NA	Arcadis
	07/11/2016*	**2.5**	**2.4**	NA	Arcadis
	10/11/2016	**2.5**	**2.4**	NA	Arcadis
	10/11/2016*	**2.5**	**2.4**	NA	Arcadis
	04/05/2017	**2.3**	**2.2**	NA	Arcadis
	04/05/2017*	**2.3**	**2.2**	NA	Arcadis
	10/18/2017	**2.5**	**2.4**	NA	Arcadis
	10/18/2017*	**2.4**	**2.4**	NA	Arcadis
	10/10/2018	**2.8**	**2.4**	NA	Arcadis
	04/03/2019	**2.7**	**2.5**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-111S1	10/10/2019	**2.4**	**2.3**	NA	Arcadis
No. of Samples:	38				
MW-111S2	07/06/2011	**3.2**	**3.2**	NA	CH2M
	08/12/2011	**3.5**	**3.7**	NA	CH2M
	09/14/2011	**3.5**	**3.6**	NA	CH2M
	10/25/2011	**2.6**	**2.5**	NA	CH2M
	11/15/2011	**1.9**	**1.7**	NA	CH2M
	02/01/2012	**1.6**	**1.6**	NA	CH2M
	04/27/2012	**2.4**	**2.2**	NA	CH2M
	07/25/2012	**2.8**	**2.6**	NA	CH2M
	10/10/2012	**2.9**	**2.2**	NA	CH2M
	01/21/2013	**2.6**	**2.5**	NA	CH2M
	01/21/2013*	**2.4**	**2.5**	NA	CH2M
	04/10/2013	**2.5**	**2.3**	NA	CH2M
	07/16/2013	**2.5**	**2.1**	NA	CH2M
	10/14/2013	**2.2**	**2.2**	NA	CH2M
	01/20/2014	**2.4**	**2.4**	NA	CH2M
	04/16/2014	**2.6**	**2.6**	NA	CH2M
	07/22/2014	**2.4**	**2.1**	NA	CH2M
	07/22/2014*	**2.4**	**2.0**	NA	CH2M
	10/08/2014	**2.5**	**2.6**	NA	CH2M
	01/15/2015	**2.3**	**2.6**	NA	CH2M
	04/06/2015	**2.6**	**2.6**	NA	CH2M
	07/09/2015	**2.4**	**2.6**	NA	CH2M
	10/09/2015	**2.8**	**2.4**	NA	Arcadis
	04/06/2016	**2.5**	**2.4**	NA	Arcadis
	10/11/2016	**2.6**	**2.3**	NA	Arcadis
	10/18/2017	**2.5**	**2.5**	NA	Arcadis
	04/06/2018	**2.4**	**2.4**	NA	Arcadis
	10/10/2018	**2.0**	**1.9**	NA	Arcadis
	10/10/2018*	**2.1**	**1.9**	NA	Arcadis
	10/10/2019	**2.3**	**2.4**	NA	Arcadis
	10/10/2019*	**2.2**	**2.4**	NA	Arcadis
	04/15/2020	**2.7**	**2.1**	NA	Arcadis
	04/15/2020*	**2.8**	**2.1**	NA	Arcadis
No. of Samples:	33				
MW-112D	07/06/2011	**2.2**	**2.1**	NA	CH2M
	07/06/2011*	**2.5**	**2.1**	NA	CH2M
	10/25/2011	**2.6**	**2.6**	NA	CH2M
	02/02/2012	**2.6**	**2.4**	NA	CH2M
	04/20/2012	**3.0**	**2.5**	NA	CH2M
	07/25/2012	**2.4**	**2.4**	NA	CH2M
	10/08/2012	**3.0**	**2.5**	NA	CH2M
	02/01/2013	**2.9**	**2.7**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-112D	04/03/2013	**2.9**	**2.6**	NA	CH2M
	07/16/2013	**2.8**	**2.3**	NA	CH2M
	10/07/2013	**2.8**	**2.8**	NA	CH2M
	10/07/2013*	**2.9**	**2.8**	NA	CH2M
	01/08/2014	**2.9**	**2.8**	NA	CH2M
	04/15/2014	**3.0**	**2.8**	NA	CH2M
	07/24/2014	**3.8**	**2.7**	NA	CH2M
	10/09/2014	**2.8**	**2.6**	NA	CH2M
	01/15/2015	**2.5**	**2.7**	NA	CH2M
	04/07/2015	**2.8**	**2.7**	NA	CH2M
	04/07/2015*	**2.8**	**2.8**	NA	CH2M
	07/09/2015	**2.7**	**2.7**	NA	CH2M
	10/12/2015	**2.9**	**2.7**	NA	Arcadis
No. of Samples:	21				
MW-112S	07/06/2011	**3.6**	**3.0**	NA	CH2M
	08/12/2011	**2.8**	**3.0**	NA	CH2M
	09/14/2011	**3.2**	**3.2**	NA	CH2M
	10/25/2011	**3.6**	**3.4**	NA	CH2M
	11/15/2011	**3.6**	**3.1**	NA	CH2M
	02/01/2012	**3.5**	**3.3**	NA	CH2M
	04/20/2012	**3.5**	**3.2**	NA	CH2M
	07/25/2012	**3.2**	**2.8**	NA	CH2M
	10/10/2012	**3.0**	**2.8**	NA	CH2M
	02/01/2013	**3.5**	**3.0**	NA	CH2M
	04/17/2013	**3.1**	**3.0**	NA	CH2M
	07/16/2013	**1.4**	**0.93**	NA	CH2M
	10/15/2013	**3.0**	**2.8**	NA	CH2M
	01/15/2014	**3.7**	**2.8**	NA	CH2M
	04/16/2014	**3.4**	**3.3**	NA	CH2M
	07/24/2014	**3.5**	**2.9**	NA	CH2M
	10/09/2014	**3.2**	**3.0**	NA	CH2M
	01/15/2015	**3.2**	**3.3**	NA	CH2M
	04/07/2015	**3.2**	**3.0**	NA	CH2M
	07/09/2015	**3.7**	**3.2**	NA	CH2M
	10/12/2015	**3.5**	**3.2**	NA	Arcadis
	01/05/2016	**3.4**	**3.1**	NA	Arcadis
	04/07/2016	**3.1**	**3.2**	NA	Arcadis
	07/13/2016	**3.1**	**3.1**	NA	Arcadis
	10/07/2016	**3.3**	**3.2**	NA	Arcadis
	04/18/2017	**3.4**	**3.0**	NA	Arcadis
	10/10/2017	**2.3**	**2.2**	NA	Arcadis
	04/09/2018	**3.4**	**3.2**	NA	Arcadis
	10/16/2018	**3.1**	**2.8**	NA	Arcadis
	04/03/2019	**3.7**	**3.3**	NA	Arcadis
	10/11/2019	**4.2**	**3.0**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-112S	12/03/2019	**3.4**	**3.3**	NA	Arcadis
	04/07/2020	**3.4**	**3.0**	NA	Arcadis
No. of Samples:	33				
MW-113D	07/05/2011	ND (1.0)	**0.49**	NA	CH2M
	10/25/2011	ND (1.0)	**0.94**	NA	CH2M
	02/01/2012	ND (1.0)	**0.082**	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.076)	NA	CH2M
	07/19/2012	ND (1.0)	**0.1**	NA	CH2M
	10/05/2012	ND (1.0)	**0.07**	NA	CH2M
	01/31/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2013	ND (1.0)	**0.44**	NA	CH2M
	10/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/20/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	**0.5**	NA	CH2M
	07/24/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/12/2015	ND (1.0)	ND (0.06)	NA	CH2M
	01/12/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2015	ND (1.0)	ND (0.066)	NA	CH2M
	10/08/2015	ND (1.0)	**0.36**	NA	Arcadis
	10/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	23				
MW-113S1	07/05/2011	**1.7**	**2.0**	NA	CH2M
	08/11/2011	**2.3**	**2.6**	NA	CH2M
	09/15/2011	**2.6**	**2.5**	NA	CH2M
	10/25/2011	**2.1**	**2.0**	NA	CH2M
	11/15/2011	**2.8**	**2.3**	NA	CH2M
	02/01/2012	**4.6**	**2.8**	NA	CH2M
	03/14/2012	**3.1**	**2.8**	NA	CH2M
	04/20/2012	**3.2**	**2.9**	NA	CH2M
	07/26/2012	**3.2**	**2.9**	NA	CH2M
	10/05/2012	**3.0**	**3.0**	NA	CH2M
	01/21/2013	**2.8**	**2.8**	NA	CH2M
	04/11/2013	**2.6**	**2.8**	NA	CH2M
	07/09/2013	**2.8**	**3.0**	NA	CH2M
	07/09/2013*	**2.7**	**3.1**	NA	CH2M
	10/08/2013	**2.9**	**2.9**	NA	CH2M
	01/20/2014	**2.4**	**2.4**	NA	CH2M
	04/16/2014	**3.0**	**3.0**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-113S1	07/24/2014	**3.2**	**2.9**	NA	CH2M
	10/08/2014	**2.9**	**3.1**	NA	CH2M
	01/12/2015	**3.8**	**3.2**	NA	CH2M
	04/06/2015	**3.1**	**3.0**	NA	CH2M
	07/09/2015	**3.1**	**2.9**	NA	CH2M
	07/09/2015*	**3.3**	**3.0**	NA	CH2M
	10/08/2015	**3.1**	**2.7**	NA	Arcadis
	04/06/2016	**3.1**	**2.9**	NA	Arcadis
	10/12/2016	**2.9**	**2.9**	NA	Arcadis
	10/18/2017	**3.3**	**2.9**	NA	Arcadis
	04/05/2018	**2.7**	**2.0**	NA	Arcadis
	04/05/2018*	**2.6**	**2.0**	NA	Arcadis
	10/19/2018	**3.0**	**3.1**	NA	Arcadis
	04/03/2019	**2.4**	**2.9**	NA	Arcadis
	10/09/2019	**3.4**	**2.9**	NA	Arcadis
	12/03/2019	**2.8**	**3.1**	NA	Arcadis
	04/07/2020	**3.0**	**2.9**	NA	Arcadis
No. of Samples:	34				
MW-113S2	07/05/2011	**2.9**	**3.3**	NA	CH2M
	08/11/2011	**3.4**	**3.8**	NA	CH2M
	09/15/2011	**3.8**	**4.0**	NA	CH2M
	10/25/2011	**3.7**	**3.6**	NA	CH2M
	10/25/2011*	**4.2**	**3.4**	NA	CH2M
	11/15/2011	**3.7**	**3.2**	NA	CH2M
	02/01/2012	**3.9**	**3.4**	NA	CH2M
	04/20/2012	**3.7**	**3.3**	NA	CH2M
	07/26/2012	**3.6**	**3.3**	NA	CH2M
	10/10/2012	**3.2**	**3.2**	NA	CH2M
	01/21/2013	**3.1**	**3.0**	NA	CH2M
	04/11/2013	**2.8**	**3.0**	NA	CH2M
	07/16/2013	**3.4**	**2.8**	NA	CH2M
	10/14/2013	**2.9**	**2.7**	NA	CH2M
	01/20/2014	**2.8**	**2.7**	NA	CH2M
	04/16/2014	**3.2**	**3.1**	NA	CH2M
	04/16/2014*	**3.3**	**3.1**	NA	CH2M
	07/24/2014	**3.3**	**2.9**	NA	CH2M
	10/08/2014	**3.0**	**3.1**	NA	CH2M
	01/12/2015	**2.8**	**3.0**	NA	CH2M
	04/06/2015	**3.0**	**3.0**	NA	CH2M
	07/09/2015	**3.2**	**2.9**	NA	CH2M
	10/08/2015	**3.3**	**2.8**	NA	Arcadis
	01/04/2016	**3.0**	**3.0**	NA	Arcadis
	04/06/2016	**2.9**	**2.9**	NA	Arcadis
	07/08/2016	**2.9**	**2.9**	NA	Arcadis
	10/12/2016	**3.5**	**2.7**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-113S2	12/07/2016	**2.6**	**2.5**	NA	Arcadis
	04/13/2017	**2.7**	**2.9**	NA	Arcadis
	10/18/2017	**3.5**	**2.7**	NA	Arcadis
	10/19/2018	**3.2**	**2.9**	NA	Arcadis
	10/09/2019	**2.8**	**2.6**	NA	Arcadis
No. of Samples:	32				
MW-114D1	07/21/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2011	**1.2**	ND (0.2)	NA	CH2M
	02/01/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/28/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2013	ND (1.0)	ND (0.13)	NA	CH2M
	10/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.15)	NA	CH2M
	07/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	ND (0.092)	NA	CH2M
	01/21/2015	ND (1.0)	**0.12**	NA	CH2M
	04/07/2015	ND (1.0)	**0.14**	NA	CH2M
	07/13/2015	ND (1.0)	ND (0.13)	NA	CH2M
	10/12/2015	ND (1.0)	**0.075**	NA	Arcadis
No. of Samples:	19				
MW-114D2	07/21/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	02/01/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/28/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2013	ND (1.0)	ND (0.064)	NA	CH2M
	10/07/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.074)	NA	CH2M
	07/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2014	ND (1.0)	ND (0.14)	NA	CH2M
	01/21/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/07/2015	ND (1.0)	**0.084**	NA	CH2M
	07/13/2015	ND (1.0)	ND (0.12)	NA	CH2M
	10/12/2015	ND (1.0)	ND (0.06)	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	18				
MW-114S	07/21/2011	**1.2**	ND (0.2)	NA	CH2M
	08/16/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/14/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/16/2011	ND (1.0)	ND (0.21)	NA	CH2M
	02/01/2012	ND (1.0)	**0.093**	NA	CH2M
	04/23/2012	ND (1.0)	**0.066**	NA	CH2M
	07/16/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/05/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/28/2013	ND (1.0)	**0.067**	NA	CH2M
	04/03/2013	ND (1.0)	**0.074**	NA	CH2M
	07/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2013	ND (1.0)	ND (0.11)	NA	CH2M
	01/08/2014	ND (1.0)	**0.33**	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.13)	NA	CH2M
	07/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2014	ND (1.0)	ND (0.15)	NA	CH2M
	01/21/2015	ND (1.0)	**0.14**	NA	CH2M
	04/08/2015	ND (1.0)	**0.21**	NA	CH2M
	07/13/2015	ND (1.0)	**0.23**	NA	CH2M
	10/12/2015	ND (1.0)	**0.1**	NA	Arcadis
No. of Samples:	22				
MW-115D	07/26/2011	ND (1.0)	**0.73**	NA	CH2M
	10/26/2011	**4.4**	**4.6**	NA	CH2M
	02/01/2012	**4.2**	**4.3**	NA	CH2M
	04/20/2012	**4.1**	**3.7**	NA	CH2M
	07/25/2012	**3.7**	**3.6**	NA	CH2M
	10/10/2012	**4.0**	**4.0**	NA	CH2M
	01/30/2013	**4.4**	**4.1**	NA	CH2M
	04/17/2013	**3.8**	**3.8**	NA	CH2M
	07/12/2013	**3.8**	**3.6**	NA	CH2M
	10/15/2013	**3.4**	**3.6**	NA	CH2M
	01/21/2014	**3.8**	**3.8**	NA	CH2M
	04/15/2014	**4.0**	**4.0**	NA	CH2M
	07/16/2014	**3.7**	**3.7**	NA	CH2M
	10/09/2014	**3.6**	**3.4**	NA	CH2M
	10/09/2014*	**3.7**	**3.5**	NA	CH2M
	01/21/2015	**3.7**	**3.6**	NA	CH2M
	04/08/2015	**3.4**	**3.4**	NA	CH2M
	07/10/2015	**3.6**	**3.5**	NA	CH2M
	10/12/2015	**3.4**	**3.6**	NA	Arcadis
	10/12/2015*	**3.4**	**3.7**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-115D	04/17/2017	**3.7**	**3.6**	NA	Arcadis
	07/20/2017	**3.4**	**3.6**	NA	Arcadis
	10/11/2017	**4.0**	**3.7**	NA	Arcadis
	01/11/2018	**4.6**	**3.4**	NA	Arcadis
	03/05/2018	**3.7**	**3.8**	NA	Arcadis
No. of Samples:	25				
MW-115S	07/26/2011	**4.1**	**4.1**	NA	CH2M
	08/11/2011	**4.1**	**4.8**	NA	CH2M
	08/11/2011*	**4.0**	**4.8**	NA	CH2M
	09/14/2011	**4.0**	**3.9**	NA	CH2M
	10/26/2011	**4.5**	**4.0**	NA	CH2M
	11/16/2011	**3.8**	**3.6**	NA	CH2M
	02/01/2012	**2.8**	**2.8**	NA	CH2M
	04/20/2012	**2.2**	**2.0**	NA	CH2M
	04/20/2012*	**2.4**	**2.1**	NA	CH2M
	07/25/2012	**1.9**	**1.5**	NA	CH2M
	10/10/2012	ND (1.0)	**0.82**	NA	CH2M
	01/30/2013	**1.6**	**1.4**	NA	CH2M
	01/30/2013*	**1.4**	**1.4**	NA	CH2M
	04/17/2013	**2.0**	**1.8**	NA	CH2M
	07/12/2013	**2.8**	**2.3**	NA	CH2M
	10/15/2013	**1.9**	**1.6**	NA	CH2M
	10/15/2013*	**1.8**	**1.6**	NA	CH2M
	01/21/2014	**1.8**	**1.6**	NA	CH2M
	04/15/2014	**2.0**	**1.9**	NA	CH2M
	07/16/2014	**2.4**	**2.1**	NA	CH2M
	10/09/2014	**2.3**	**2.3**	NA	CH2M
	01/21/2015	**2.3**	**2.1**	NA	CH2M
	04/08/2015	**2.0**	**1.9**	NA	CH2M
	04/08/2015*	**2.1**	**1.9**	NA	CH2M
	07/10/2015	**2.2**	**2.1**	NA	CH2M
	10/12/2015	**2.1**	**2.2**	NA	Arcadis
	04/17/2017	**2.0**	**2.0**	NA	Arcadis
	07/20/2017	**2.0**	**2.1**	NA	Arcadis
	10/11/2017	**2.1**	**2.1**	NA	Arcadis
	01/11/2018	**2.7**	**1.9**	NA	Arcadis
	01/11/2018*	**2.6**	**1.8**	NA	Arcadis
No. of Samples:	31				
MW-116D1	07/26/2011	**1.4**	**1.1**	NA	CH2M
	10/26/2011	**1.7**	**1.5**	NA	CH2M
	02/01/2012	**1.4**	**1.5**	NA	CH2M
	04/20/2012	**2.2**	**1.5**	NA	CH2M
	07/25/2012	**2.3**	**1.4**	NA	CH2M
	10/10/2012	**1.6**	**1.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-116D1	01/18/2013	**1.6**	**1.6**	NA	CH2M
	04/15/2013	**2.3**	**1.6**	NA	CH2M
	07/12/2013	**1.9**	**1.5**	NA	CH2M
	10/16/2013	**2.2**	**1.6**	NA	CH2M
	01/21/2014	**1.7**	**1.6**	NA	CH2M
	01/21/2014*	**1.8**	**1.6**	NA	CH2M
	04/15/2014	**1.7**	**1.7**	NA	CH2M
	07/21/2014	**2.1**	**1.6**	NA	CH2M
	10/09/2014	**1.7**	**1.7**	NA	CH2M
	01/21/2015	**1.8**	**1.8**	NA	CH2M
	04/08/2015	**1.8**	**1.6**	NA	CH2M
	07/13/2015	**1.6**	**1.7**	NA	CH2M
	10/13/2015	**1.9**	**1.6**	NA	Arcadis
	01/12/2016	**3.4**	**1.6**	NA	Arcadis
	03/01/2016	**2.0**	**1.6**	NA	Arcadis
	04/15/2016	**1.7**	**1.7**	NA	Arcadis
	07/13/2016	**2.1**	**1.7**	NA	Arcadis
	10/18/2016	**2.0**	**1.6**	NA	Arcadis
	04/12/2017	**1.8**	**1.6**	NA	Arcadis
	10/11/2017	**2.0**	**1.8**	NA	Arcadis
	04/18/2018	**1.9**	**1.7**	NA	Arcadis
	10/19/2018	**2.1**	**1.8**	NA	Arcadis
	04/08/2019	**2.3**	**1.7**	NA	Arcadis
	10/21/2019	**2.0**	**1.8**	NA	Arcadis
	04/13/2020	**2.3**	**1.6**	NA	Arcadis
No. of Samples:	31				
MW-116D2	07/26/2011	**2.4**	**2.5**	NA	CH2M
	10/26/2011	**1.2**	**1.3**	NA	CH2M
	02/01/2012	**1.1**	**1.0**	NA	CH2M
	04/20/2012	**3.7**	**3.6**	NA	CH2M
	06/06/2012	**1.2**	**0.65**	NA	CH2M
	07/25/2012	11.5 J	12 J	NA	CH2M
	09/11/2012	**1.0**	**1.1**	NA	CH2M
	10/10/2012	ND (1.0)	**0.86**	NA	CH2M
	01/18/2013	ND (1.0)	**0.78**	NA	CH2M
	04/15/2013	**1.2**	**1.1**	NA	CH2M
	04/15/2013*	**1.2**	**1.1**	NA	CH2M
	07/12/2013	ND (1.0)	**0.83**	NA	CH2M
	10/16/2013	**1.6**	**0.96**	NA	CH2M
	01/21/2014	**1.0**	**0.94**	NA	CH2M
	04/15/2014	**1.2**	**1.1**	NA	CH2M
	07/21/2014	**1.5**	**1.4**	NA	CH2M
	10/09/2014	**1.2**	**1.2**	NA	CH2M
	01/21/2015	**1.3**	**1.3**	NA	CH2M
	04/08/2015	**1.4**	**1.3**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-116D2	07/13/2015	**1.4**	**1.7**	NA	CH2M
	07/13/2015*	**1.3**	**1.5**	NA	CH2M
	10/13/2015	**1.5**	**1.5**	NA	Arcadis
No. of Samples:	22				
MW-116S	08/15/2011	**2.2**	**1.5**	NA	CH2M
	09/14/2011	**1.4**	**1.4**	NA	CH2M
	09/14/2011*	**2.0**	**1.4**	NA	CH2M
	10/26/2011	**1.5**	**1.4**	NA	CH2M
	11/15/2011	**1.3**	**1.2**	NA	CH2M
	02/01/2012	**1.2**	**1.2**	NA	CH2M
	02/01/2012*	**1.3**	**1.2**	NA	CH2M
	04/20/2012	**1.6**	**1.1**	NA	CH2M
	07/25/2012	**1.5**	**1.0**	NA	CH2M
	10/10/2012	**1.4**	**1.3**	NA	CH2M
	01/18/2013	**1.3**	**1.2**	NA	CH2M
	04/15/2013	**1.5**	**1.2**	NA	CH2M
	07/12/2013	**1.6**	**1.2**	NA	CH2M
	10/16/2013	**1.5**	**1.2**	NA	CH2M
	01/21/2014	**1.4**	**1.2**	NA	CH2M
	04/15/2014	**1.3**	**1.2**	NA	CH2M
	07/21/2014	**1.5**	**1.2**	NA	CH2M
	10/09/2014	**1.4**	**1.2**	NA	CH2M
	01/21/2015	**1.5**	**1.3**	NA	CH2M
	04/08/2015	**1.4**	**1.2**	NA	CH2M
	07/13/2015	**1.2**	**1.4**	NA	CH2M
	10/13/2015	**1.3**	**1.2**	NA	Arcadis
No. of Samples:	22				
MW-117D	08/01/2011	ND (1.0)	**0.22**	NA	CH2M
	08/01/2011*	**1.0**	**0.24**	NA	CH2M
	10/26/2011	ND (1.0)	**1.3**	NA	CH2M
	01/31/2012	ND (1.0)	**0.11**	NA	CH2M
	04/12/2012	ND (1.0)	**0.17**	NA	CH2M
	07/16/2012	ND (1.0)	**0.079**	NA	CH2M
	10/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	**0.23**	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2013	ND (1.0)	**0.71**	NA	CH2M
	10/15/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.099)	NA	CH2M
	07/24/2014	ND (1.0)	**0.07**	NA	CH2M
	07/24/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2014	ND (1.0)	**0.36**	NA	CH2M
	01/15/2015	ND (1.0)	**0.32**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-117D	04/09/2015	ND (1.0)	**0.43**	NA	CH2M
	07/09/2015	**7.2**	**0.11**	NA	CH2M
	09/29/2015	ND (1.0)	**0.078**	NA	CH2M
	10/08/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	10/31/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	25				
MW-117S1	08/01/2011	ND (1.0)	**0.42**	NA	CH2M
	08/16/2011	**1.4**	**0.42**	NA	CH2M
	09/15/2011	**1.6**	**0.2**	NA	CH2M
	10/26/2011	ND (1.0)	**0.52**	NA	CH2M
	11/16/2011	ND (1.0)	**0.39**	NA	CH2M
	02/01/2012	ND (1.0)	**0.27**	NA	CH2M
	04/25/2012	ND (1.0)	**0.24**	NA	CH2M
	07/17/2012	ND (1.0)	**0.55**	NA	CH2M
	10/04/2012	ND (1.0)	**0.7**	NA	CH2M
	01/31/2013	ND (1.0)	**0.56**	NA	CH2M
	04/03/2013	ND (1.0)	**0.11**	NA	CH2M
	07/16/2013	ND (1.0)	**0.33**	NA	CH2M
	10/15/2013	ND (1.0)	**0.14**	NA	CH2M
	01/16/2014	ND (1.0)	**0.2**	NA	CH2M
	04/15/2014	ND (1.0)	**0.81**	NA	CH2M
	07/24/2014	ND (1.0)	**0.31**	NA	CH2M
	10/08/2014	ND (1.0)	**0.53**	NA	CH2M
	01/15/2015	ND (1.0)	**0.64**	NA	CH2M
	04/09/2015	ND (1.0)	**0.61**	NA	CH2M
	07/09/2015	ND (1.0)	**0.65**	NA	CH2M
	10/08/2015	ND (1.0)	**0.77**	NA	Arcadis
	04/06/2016	**5.0**	**0.73**	NA	Arcadis
	05/31/2016	ND (1.0)	**0.81**	NA	Arcadis
	10/31/2016	ND (1.0)	**0.65**	NA	Arcadis
	10/18/2017	**1.9**	**1.3**	NA	Arcadis
	04/06/2018	**1.9**	**1.6**	NA	Arcadis
	10/08/2018	**1.8**	**1.4**	NA	Arcadis
	04/10/2019	ND (1.0)	**0.55**	NA	Arcadis
	10/10/2019	**3.9**	**2.8**	NA	Arcadis
	12/04/2019	**3.8**	**3.6**	NA	Arcadis
	02/03/2020	**2.4**	**1.9**	NA	Arcadis
	04/07/2020	**1.6**	**1.5**	NA	Arcadis
No. of Samples:	32				
MW-117S2	08/01/2011	**52.2**	**57.5**	NA	CH2M
	08/05/2011	**23.2**	**24.9**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-117S2	08/08/2011	**12.4**	**11**	NA	CH2M
	08/08/2011*	**12.4**	**10.9**	NA	CH2M
	08/16/2011	**9.9**	**9.8**	NA	CH2M
	09/15/2011	**9.1**	**8.7**	NA	CH2M
	10/26/2011	**4.4**	**4.4**	NA	CH2M
	10/26/2011*	**5.1**	**4.4**	NA	CH2M
	11/16/2011	**2.6**	**2.7**	NA	CH2M
	01/31/2012	**1.2**	**1.2**	NA	CH2M
	04/24/2012	**1.4**	**1.0**	NA	CH2M
	07/25/2012	**1.2**	**1.0**	NA	CH2M
	07/25/2012*	**1.1**	**1.0**	NA	CH2M
	10/10/2012	ND (1.0)	**0.86**	NA	CH2M
	10/10/2012*	**1.0**	**0.86**	NA	CH2M
	01/30/2013	**1.1**	**0.9**	NA	CH2M
	04/03/2013	**1.0**	**0.78**	NA	CH2M
	07/16/2013	**1.0**	**0.81**	NA	CH2M
	07/16/2013*	**1.3**	**0.82**	NA	CH2M
	10/15/2013	ND (1.0)	**0.84**	NA	CH2M
	01/16/2014	ND (1.0)	**0.89**	NA	CH2M
	04/15/2014	ND (1.0)	**1.0**	NA	CH2M
	07/24/2014	**1.2**	**0.98**	NA	CH2M
	10/08/2014	**1.0**	**1.1**	NA	CH2M
	01/15/2015	**1.1**	**1.1**	NA	CH2M
	01/15/2015*	**1.3**	**1.1**	NA	CH2M
	04/09/2015	**1.1**	**1.1**	NA	CH2M
	07/09/2015	**1.2**	**1.2**	NA	CH2M
	10/08/2015	**1.3**	**1.2**	NA	Arcadis
	01/07/2016	**1.4**	**1.3**	NA	Arcadis
	04/06/2016	**1.5**	**1.1**	NA	Arcadis
	07/12/2016	**1.1**	**1.3**	NA	Arcadis
	10/31/2016	**1.2**	**1.2**	NA	Arcadis
	04/20/2017	**1.3**	**1.2**	NA	Arcadis
	04/20/2017*	**1.3**	**1.2**	NA	Arcadis
	10/18/2017	**1.3**	**1.2**	NA	Arcadis
	10/08/2018	**1.3**	**1.2**	NA	Arcadis
	10/10/2019	**1.1**	**1.4**	NA	Arcadis
	04/07/2020	**2.0**	**1.4**	NA	Arcadis
No. of Samples:	39				
MW-118S	08/02/2011	**1.3**	**1.4**	NA	CH2M
	09/16/2011	**2.5**	**1.7**	NA	CH2M
	10/26/2011	**2.2**	**2.0**	NA	CH2M
	11/15/2011	**2.2**	**1.7**	NA	CH2M
	11/15/2011*	**2.1**	**1.8**	NA	CH2M
	01/31/2012	**2.1**	**1.9**	NA	CH2M
	04/24/2012	**2.2**	**2.1**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-118S	07/25/2012	**2.4**	**2.0**	NA	CH2M
	10/10/2012	**2.2**	**2.1**	NA	CH2M
	01/23/2013	**2.2**	**2.1**	NA	CH2M
	04/10/2013	**2.6**	**2.3**	NA	CH2M
	07/16/2013	**2.4**	**2.1**	NA	CH2M
	10/15/2013	**2.3**	**2.2**	NA	CH2M
	01/16/2014	**2.5**	**2.3**	NA	CH2M
	04/15/2014	**2.3**	1.6 J	NA	CH2M
	04/15/2014*	**2.3**	2.2 J	NA	CH2M
	07/21/2014	**2.5**	**2.2**	NA	CH2M
	10/14/2014	**2.3**	**2.3**	NA	CH2M
	01/22/2015	**2.4**	**2.4**	NA	CH2M
	04/08/2015	**2.6**	**2.2**	NA	CH2M
	07/22/2015	**2.0**	**2.3**	NA	CH2M
	10/09/2015	**2.7**	**2.8**	NA	Arcadis
	01/12/2016	**2.7**	**2.5**	NA	Arcadis
	04/21/2016	**2.3**	**2.3**	NA	Arcadis
	07/14/2016	**2.8**	**2.5**	NA	Arcadis
	10/12/2016	**2.7**	**2.4**	NA	Arcadis
	01/05/2017	**3.8**	**2.5**	NA	Arcadis
	03/08/2017	**3.4**	**2.7**	NA	Arcadis
	04/12/2017	**2.8**	**2.5**	NA	Arcadis
	07/14/2017	**2.9**	**2.6**	NA	Arcadis
	10/11/2017	**2.8**	**2.8**	NA	Arcadis
	01/09/2018	**2.7**	**2.4**	NA	Arcadis
	04/11/2018	**2.6**	**2.7**	NA	Arcadis
	07/11/2018	**2.8**	**2.5**	NA	Arcadis
	07/11/2018*	**2.7**	**2.5**	NA	Arcadis
	10/12/2018	**2.4**	**2.0**	NA	Arcadis
	01/11/2019	**2.6**	**2.0**	NA	Arcadis
	04/05/2019	**2.9**	**2.2**	NA	Arcadis
	07/10/2019	**3.3**	**2.7**	NA	Arcadis
	09/03/2019	**2.5**	**2.0**	NA	Arcadis
	10/23/2019	**2.5**	**2.1**	NA	Arcadis
	02/03/2020	**2.4**	**2.3**	NA	Arcadis
	04/10/2020	**2.9**	**2.7**	NA	Arcadis
No. of Samples:	43				
MW-119D	07/26/2011	ND (1.0)	**0.44**	NA	CH2M
	10/26/2011	ND (1.0)	**0.89**	NA	CH2M
	01/31/2012	**1.2**	**1.0**	NA	CH2M
	04/24/2012	**1.7**	**1.2**	NA	CH2M
	04/24/2012*	**1.4**	**1.1**	NA	CH2M
	07/25/2012	**1.4**	**1.1**	NA	CH2M
	10/10/2012	**1.4**	**1.2**	NA	CH2M
	01/23/2013	**1.2**	**1.1**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-119D	04/10/2013	**1.5**	**1.1**	NA	CH2M
	07/16/2013	**1.8**	**1.2**	NA	CH2M
	10/15/2013	**1.4**	**1.3**	NA	CH2M
	01/16/2014	**1.4**	**1.3**	NA	CH2M
	04/15/2014	**1.6**	**1.5**	NA	CH2M
	07/21/2014	**1.9**	**1.3**	NA	CH2M
	10/14/2014	**1.6**	**1.5**	NA	CH2M
	10/14/2014*	**1.7**	**1.5**	NA	CH2M
	01/22/2015	**1.8**	**1.6**	NA	CH2M
	04/08/2015	**1.7**	**1.6**	NA	CH2M
	07/22/2015	**1.5**	**1.6**	NA	CH2M
	10/09/2015	**1.8**	**1.5**	NA	Arcadis
	10/09/2015*	**1.8**	**1.6**	NA	Arcadis
	01/12/2016	**2.4**	**1.7**	NA	Arcadis
	04/21/2016	**1.7**	**1.6**	NA	Arcadis
	07/14/2016	**1.8**	**1.7**	NA	Arcadis
	10/12/2016	**1.8**	**1.6**	NA	Arcadis
	01/05/2017	**2.0**	**1.5**	NA	Arcadis
	04/12/2017	**1.9**	**1.6**	NA	Arcadis
	07/14/2017	**2.1**	**1.6**	NA	Arcadis
	10/11/2017	**1.9**	**1.6**	NA	Arcadis
	01/09/2018	**2.0**	**1.6**	NA	Arcadis
No. of Samples:	30				
MW-119S	07/26/2011	ND (1.0)	**0.32**	NA	CH2M
	08/16/2011	**1.4**	**1.2**	NA	CH2M
	09/16/2011	**1.6**	**1.1**	NA	CH2M
	10/26/2011	**1.9**	**1.4**	NA	CH2M
	11/16/2011	**2.1**	**2.0**	NA	CH2M
	01/31/2012	**1.6**	**1.4**	NA	CH2M
	04/24/2012	**2.3**	**1.9**	NA	CH2M
	07/25/2012	**1.1**	**0.85**	NA	CH2M
	10/10/2012	**1.8**	**1.6**	NA	CH2M
	01/23/2013	**2.6**	**2.4**	NA	CH2M
	04/03/2013	**3.1**	**2.5**	NA	CH2M
	04/03/2013*	**3.0**	**2.6**	NA	CH2M
	07/16/2013	**1.8**	**1.4**	NA	CH2M
	10/15/2013	**2.3**	**1.9**	NA	CH2M
	01/16/2014	**2.9**	**2.7**	NA	CH2M
	04/15/2014	**2.8**	**2.5**	NA	CH2M
	07/21/2014	**2.5**	**2.3**	NA	CH2M
	10/14/2014	**3.0**	**2.9**	NA	CH2M
	01/22/2015	**2.5**	**2.5**	NA	CH2M
	04/08/2015	**3.0**	**2.9**	NA	CH2M
	07/22/2015	**3.4**	**3.2**	NA	CH2M
	07/22/2015*	**3.3**	**3.2**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-119S	09/02/2015	**1.0**	**0.92**	NA	CH2M
	10/09/2015	ND (1.0)	**0.87**	NA	Arcadis
	01/12/2016	**2.6**	**2.2**	NA	Arcadis
	04/21/2016	**2.1**	**2.0**	NA	Arcadis
	07/14/2016	ND (1.0)	**0.96**	NA	Arcadis
	10/12/2016	**3.8**	**3.4**	NA	Arcadis
	12/07/2016	**3.6**	**3.4**	NA	Arcadis
	01/05/2017	**2.8**	**2.2**	NA	Arcadis
	04/12/2017	**2.4**	**1.7**	NA	Arcadis
	07/14/2017	**3.1**	**2.5**	NA	Arcadis
	07/14/2017*	**2.9**	**2.5**	NA	Arcadis
	10/11/2017	**3.2**	**3.2**	NA	Arcadis
	11/29/2017	**2.6**	**2.3**	NA	Arcadis
	01/09/2018	**4.0**	**3.2**	NA	Arcadis
	03/06/2018	**2.6**	**2.5**	NA	Arcadis
No. of Samples:	37				
MW-121D	08/15/2011	**2.2**	**1.7**	NA	CH2M
	09/16/2011	**1.4**	**1.4**	NA	CH2M
	10/27/2011	**1.9**	**2.0**	NA	CH2M
	10/27/2011*	**2.0**	**2.0**	NA	CH2M
	01/31/2012	**2.8**	**2.2**	NA	CH2M
	04/26/2012	**3.2**	**2.5**	NA	CH2M
	06/27/2012	**2.9**	**2.9**	NA	CH2M
	07/10/2012	**3.1**	**2.9**	NA	CH2M
	10/08/2012	**3.9**	**2.9**	NA	CH2M
	10/08/2012*	**3.7**	**2.9**	NA	CH2M
	12/07/2012	**3.3**	**3.1**	NA	CH2M
	01/25/2013	**3.1**	**3.3**	NA	CH2M
	04/11/2013	**3.6**	**3.3**	NA	CH2M
	07/16/2013	**3.8**	**3.3**	NA	CH2M
	10/17/2013	**3.7**	**3.3**	NA	CH2M
	10/17/2013*	**3.7**	**3.2**	NA	CH2M
	01/22/2014	**3.7**	**3.4**	NA	CH2M
	04/02/2014	**3.6**	**3.7**	NA	CH2M
	07/08/2014	**3.7**	**3.5**	NA	CH2M
	10/15/2014	**3.6**	**3.6**	NA	CH2M
	01/20/2015	**4.0**	**3.8**	NA	CH2M
	04/09/2015	**3.9**	**3.7**	NA	CH2M
	04/09/2015*	**3.8**	**3.6**	NA	CH2M
	07/15/2015	**3.4**	**3.7**	NA	CH2M
	10/07/2015	**3.8**	**3.6**	NA	Arcadis
	01/08/2016	**4.9**	**3.7**	NA	Arcadis
	03/01/2016	**3.6**	**3.6**	NA	Arcadis
	03/01/2016*	**3.5**	**3.6**	NA	Arcadis
	04/19/2016	**3.9**	**3.8**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-121D	07/20/2016	**4.0**	**3.7**	NA	Arcadis
	10/13/2016	**3.8**	**3.7**	NA	Arcadis
	02/02/2017	**4.0**	**3.6**	NA	Arcadis
	04/17/2017	**4.0**	**3.6**	NA	Arcadis
	07/24/2017	**3.5**	**3.6**	NA	Arcadis
	10/12/2017	**4.0**	**3.9**	NA	Arcadis
	10/12/2017*	**3.9**	**3.9**	NA	Arcadis
	01/11/2018	**4.2**	**3.9**	NA	Arcadis
	04/13/2018	**4.3**	**3.8**	NA	Arcadis
	10/15/2018	**4.0**	**3.9**	NA	Arcadis
	02/11/2019	**3.8**	**3.5**	NA	Arcadis
	04/09/2019	**5.2**	**3.8**	NA	Arcadis
	06/05/2019	**3.5**	**4.0**	NA	Arcadis
	07/10/2019	**4.1**	**3.9**	NA	Arcadis
	10/17/2019	**4.5**	**3.7**	NA	Arcadis
	04/10/2020	**4.0**	**3.8**	NA	Arcadis
No. of Samples:	45				
MW-121S	08/17/2011	**11.7**	**11.1**	NA	CH2M
	08/19/2011	**4.0**	**3.5**	NA	CH2M
	08/30/2011	**3.7**	**3.5**	NA	CH2M
	09/16/2011	**3.2**	**2.9**	NA	CH2M
	10/27/2011	**6.8**	**6.5**	NA	CH2M
	11/17/2011	**2.7**	**2.4**	NA	CH2M
	02/01/2012	**1.5**	**1.6**	NA	CH2M
	04/27/2012	**2.2**	**1.5**	NA	CH2M
	07/11/2012	**1.5**	**1.4**	NA	CH2M
	10/10/2012	**2.3**	**1.9**	NA	CH2M
	02/18/2013	**3.4**	**3.0**	NA	CH2M
	04/11/2013	**3.6**	**3.7**	NA	CH2M
	07/19/2013	**1.9**	**1.6**	NA	CH2M
	10/17/2013	**1.8**	**1.7**	NA	CH2M
	01/22/2014	**1.6**	**1.5**	NA	CH2M
	04/02/2014	**1.5**	**1.6**	NA	CH2M
	07/08/2014	**1.6**	**1.8**	NA	CH2M
	10/15/2014	**2.0**	**2.2**	NA	CH2M
	01/20/2015	**2.0**	**2.1**	NA	CH2M
	04/09/2015	**2.1**	**2.1**	NA	CH2M
	07/15/2015	**2.3**	**2.5**	NA	CH2M
	10/07/2015	**2.4**	**2.5**	NA	Arcadis
	01/11/2016	**2.5**	**2.3**	NA	Arcadis
	04/19/2016	**2.1**	**2.3**	NA	Arcadis
	07/20/2016	**2.7**	**2.6**	NA	Arcadis
	07/20/2016*	**2.8**	**2.6**	NA	Arcadis
	10/13/2016	**2.1**	**2.2**	NA	Arcadis
	01/06/2017	**2.3**	**2.2**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-121S	04/17/2017	**2.3**	**2.3**	NA	Arcadis
	07/25/2017	**2.1**	**2.3**	NA	Arcadis
	10/12/2017	**2.8**	**3.1**	NA	Arcadis
	01/16/2018	**3.9**	**3.7**	NA	Arcadis
	03/06/2018	**3.3**	**3.6**	NA	Arcadis
	04/13/2018	**2.9**	**3.0**	NA	Arcadis
	10/15/2018	**2.4**	**2.6**	NA	Arcadis
	04/09/2019	**2.8**	**2.8**	NA	Arcadis
	10/17/2019	**2.7**	**2.6**	NA	Arcadis
	10/17/2019*	**2.8**	**2.7**	NA	Arcadis
	04/10/2020	**2.8**	**2.9**	NA	Arcadis
No. of Samples:	39				
MW-122D	08/15/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/15/2011	ND (1.0)	ND (0.2)	NA	CH2M
	10/27/2011	ND (1.0)	**0.24**	NA	CH2M
	01/30/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2012*	ND (1.0)	0.064 J	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2012	ND (1.0)	**0.063**	NA	CH2M
	10/08/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/11/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2014	ND (1.0)	ND (0.076)	NA	CH2M
	01/20/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	01/11/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	07/20/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/13/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/13/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-122D	10/10/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/14/2020	**1.6**	ND (0.2)	NA	Arcadis
No. of Samples:	35				
MW-122S	08/16/2011	ND (1.0)	**0.66**	NA	CH2M
	09/16/2011	ND (1.0)	**0.41**	NA	CH2M
	10/27/2011	ND (1.0)	**0.24**	NA	CH2M
	01/31/2012	ND (1.0)	**0.56**	NA	CH2M
	04/27/2012	ND (1.0)	**0.53**	NA	CH2M
No. of Samples:	5				
MW-123S1	08/02/2011	**1.9**	**1.9**	NA	CH2M
	09/14/2011	**2.8**	**2.0**	NA	CH2M
	09/14/2011*	**2.5**	**2.0**	NA	CH2M
	10/27/2011	**2.4**	**2.3**	NA	CH2M
	11/17/2011	**2.9**	**2.3**	NA	CH2M
	01/30/2012	**2.3**	**2.1**	NA	CH2M
	04/26/2012	**2.6**	**2.0**	NA	CH2M
	07/25/2012	**2.1**	**1.8**	NA	CH2M
	10/10/2012	**2.0**	**1.9**	NA	CH2M
	01/21/2013	**2.0**	**1.8**	NA	CH2M
	04/10/2013	**2.3**	**2.0**	NA	CH2M
	07/11/2013	**2.4**	**2.1**	NA	CH2M
	10/11/2013	**2.5**	**1.7**	NA	CH2M
	01/20/2014	**2.1**	**2.0**	NA	CH2M
	04/17/2014	**2.0**	**2.1**	NA	CH2M
	07/15/2014	**2.4**	**1.9**	NA	CH2M
	10/08/2014	**1.9**	**1.9**	NA	CH2M
	01/14/2015	**1.9**	**2.0**	NA	CH2M
	04/06/2015	**2.0**	**1.9**	NA	CH2M
	07/09/2015	**2.2**	**1.9**	NA	CH2M
	10/09/2015	**2.2**	**2.0**	NA	Arcadis
	01/04/2016	**1.9**	**2.0**	NA	Arcadis
	01/04/2016*	**1.9**	**1.9**	NA	Arcadis
	04/06/2016	**2.8**	**2.0**	NA	Arcadis
	07/11/2016	**2.1**	**2.0**	NA	Arcadis
	10/12/2016	**2.3**	**1.9**	NA	Arcadis
	01/04/2017	**2.2**	**1.9**	NA	Arcadis
	01/04/2017*	**2.2**	**1.9**	NA	Arcadis
	04/05/2017	**2.1**	**2.0**	NA	Arcadis
	07/12/2017	**2.0**	**2.0**	NA	Arcadis
	07/12/2017*	**2.0**	**1.9**	NA	Arcadis
	10/04/2017	**4.2**	**1.9**	NA	Arcadis
	11/29/2017	**2.7**	**1.9**	NA	Arcadis
	01/09/2018	**2.2**	**1.9**	NA	Arcadis
	04/05/2018	**2.1**	**1.9**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-123S1	04/05/2018*	**2.3**	**2.0**	NA	Arcadis
	10/03/2018	**2.3**	**1.7**	NA	Arcadis
	10/03/2018*	**2.2**	**1.9**	NA	Arcadis
	10/10/2019	**1.8**	**1.6**	NA	Arcadis
	10/10/2019*	**1.8**	**1.6**	NA	Arcadis
No. of Samples:	40				
MW-123S2	08/02/2011	**1.9**	**1.9**	NA	CH2M
	09/14/2011	**2.0**	**1.9**	NA	CH2M
	10/27/2011	**2.1**	**2.0**	NA	CH2M
	11/17/2011	**2.0**	**2.0**	NA	CH2M
	01/30/2012	**1.9**	**1.8**	NA	CH2M
	04/26/2012	**2.3**	**1.8**	NA	CH2M
	07/25/2012	**2.2**	**1.7**	NA	CH2M
	10/10/2012	**2.2**	**1.8**	NA	CH2M
	01/21/2013	**1.9**	**1.7**	NA	CH2M
	01/21/2013*	**2.0**	**1.7**	NA	CH2M
	04/10/2013	**2.0**	**1.7**	NA	CH2M
	07/11/2013	**1.9**	**1.7**	NA	CH2M
	07/11/2013*	**1.9**	**1.7**	NA	CH2M
	10/11/2013	**1.9**	**1.7**	NA	CH2M
	01/20/2014	**1.7**	**1.7**	NA	CH2M
	04/17/2014	**1.9**	**1.9**	NA	CH2M
	07/15/2014	**2.0**	**1.9**	NA	CH2M
	10/08/2014	**1.7**	**1.9**	NA	CH2M
	01/14/2015	**2.0**	**2.0**	NA	CH2M
	01/14/2015*	**1.9**	**2.0**	NA	CH2M
	04/06/2015	**1.9**	**2.0**	NA	CH2M
	07/09/2015	**2.0**	**1.9**	NA	CH2M
	10/09/2015	**2.1**	**1.9**	NA	Arcadis
	04/06/2016	**1.9**	**2.0**	NA	Arcadis
	10/12/2016	**2.2**	**1.8**	NA	Arcadis
	10/04/2017	**2.2**	**1.9**	NA	Arcadis
	10/03/2018	**2.3**	**1.9**	NA	Arcadis
	04/01/2019	**2.4**	**2.0**	NA	Arcadis
	10/10/2019	**1.8**	**1.9**	NA	Arcadis
	04/06/2020	2.8 J	**2.0**	NA	Arcadis
	04/06/2020*	6.5 J	**2.0**	NA	Arcadis
	06/05/2020	**2.5**	**1.9**	NA	Arcadis
No. of Samples:	32				
MW-124D	08/02/2011	ND (1.0)	**0.26**	NA	CH2M
	08/02/2011*	ND (1.0)	**0.25**	NA	CH2M
	10/27/2011	ND (1.0)	ND (0.067)	NA	CH2M
	01/30/2012	ND (1.0)	**0.12**	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-124D	07/16/2012	ND (1.0)	**0.34**	NA	CH2M
	07/16/2012*	ND (1.0)	**0.26**	NA	CH2M
	10/02/2012	ND (1.0)	ND (0.15)	NA	CH2M
	01/30/2013	ND (1.0)	**0.38**	NA	CH2M
	04/16/2013	ND (1.0)	**0.37**	NA	CH2M
	07/16/2013	ND (1.0)	**0.24**	NA	CH2M
	10/11/2013	ND (1.0)	**0.33**	NA	CH2M
	01/20/2014	ND (1.0)	**0.32**	NA	CH2M
	01/20/2014*	ND (1.0)	**0.32**	NA	CH2M
	04/17/2014	ND (1.0)	**0.61**	NA	CH2M
	07/15/2014	ND (1.0)	**0.46**	NA	CH2M
	10/08/2014	ND (1.0)	**0.52**	NA	CH2M
	01/14/2015	**2.2**	**2.4**	NA	CH2M
	04/06/2015	ND (1.0)	**0.67**	NA	CH2M
	07/09/2015	ND (1.0)	**0.63**	NA	CH2M
	10/09/2015	ND (1.0)	**0.55**	NA	Arcadis
	10/12/2016	ND (1.0)	**0.72**	NA	Arcadis
	10/12/2016*	ND (1.0)	**0.71**	NA	Arcadis
	04/05/2017	**1.2**	**0.89**	NA	Arcadis
	10/06/2017	**1.2**	**0.77**	NA	Arcadis
	10/03/2018	**1.3**	**0.84**	NA	Arcadis
	04/01/2019	**1.1**	**0.96**	NA	Arcadis
	10/10/2019	ND (1.0)	**0.98**	NA	Arcadis
	10/10/2019*	ND (1.0)	**0.98**	NA	Arcadis
No. of Samples:	29				
MW-124S1	08/02/2011	ND (1.0)	**0.48**	NA	CH2M
	09/15/2011	**1.3**	**0.95**	NA	CH2M
	10/27/2011	**1.6**	**1.5**	NA	CH2M
	11/17/2011	**2.1**	**2.0**	NA	CH2M
	01/30/2012	**1.6**	**1.5**	NA	CH2M
	01/30/2012*	**1.6**	**1.5**	NA	CH2M
	04/26/2012	**2.5**	**2.1**	NA	CH2M
	07/25/2012	**2.2**	**2.0**	NA	CH2M
	10/10/2012	**2.5**	**2.1**	NA	CH2M
	01/22/2013	**2.2**	**1.9**	NA	CH2M
	04/16/2013	**2.4**	**2.1**	NA	CH2M
	07/16/2013	**3.3**	**2.0**	NA	CH2M
	10/11/2013	**2.4**	**2.0**	NA	CH2M
	01/20/2014	**2.5**	**2.2**	NA	CH2M
	04/17/2014	**2.7**	**2.6**	NA	CH2M
	07/15/2014	**2.7**	**2.5**	NA	CH2M
	10/08/2014	**2.5**	**2.5**	NA	CH2M
	01/14/2015	**2.5**	**2.6**	NA	CH2M
	04/06/2015	**2.6**	**2.6**	NA	CH2M
	07/09/2015	**3.1**	**2.5**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-124S1	10/09/2015	**2.9**	**2.6**	NA	Arcadis
	01/04/2016	**2.6**	**2.6**	NA	Arcadis
	04/06/2016	**3.1**	**2.7**	NA	Arcadis
	07/11/2016	**2.8**	**2.6**	NA	Arcadis
	10/12/2016	**2.9**	**2.6**	NA	Arcadis
	04/05/2017	**2.7**	**2.7**	NA	Arcadis
	10/06/2017	**2.6**	**2.7**	NA	Arcadis
	04/05/2018	**2.5**	**2.6**	NA	Arcadis
	10/03/2018	**3.2**	**2.7**	NA	Arcadis
	10/03/2018*	**3.2**	**2.8**	NA	Arcadis
	11/29/2018	**3.3**	**2.6**	NA	Arcadis
	04/01/2019	**3.5**	**2.1**	NA	Arcadis
	06/06/2019	**2.7**	**2.6**	NA	Arcadis
	10/10/2019	**2.8**	**2.7**	NA	Arcadis
	10/10/2019*	**2.9**	**2.6**	NA	Arcadis
	04/06/2020	**3.1**	**2.6**	NA	Arcadis
No. of Samples:	36				
MW-124S2	08/02/2011	**2.4**	**2.6**	NA	CH2M
	09/15/2011	**3.0**	**2.7**	NA	CH2M
	10/27/2011	**3.2**	**2.8**	NA	CH2M
	11/17/2011	**3.0**	**2.8**	NA	CH2M
	01/30/2012	**2.6**	**2.7**	NA	CH2M
	04/26/2012	**2.7**	**2.6**	NA	CH2M
	07/25/2012	**2.5**	**2.5**	NA	CH2M
	07/25/2012*	**2.8**	**2.5**	NA	CH2M
	10/02/2012	**2.6**	**2.6**	NA	CH2M
	01/30/2013	**2.5**	**2.5**	NA	CH2M
	04/04/2013	**2.4**	**2.4**	NA	CH2M
	07/09/2013	**2.3**	**2.6**	NA	CH2M
	10/08/2013	**2.4**	**2.5**	NA	CH2M
	01/08/2014	**2.6**	**2.4**	NA	CH2M
	04/17/2014	**2.3**	**2.5**	NA	CH2M
	07/15/2014	**2.3**	**2.3**	NA	CH2M
	10/08/2014	**2.1**	**2.3**	NA	CH2M
	10/08/2014*	**2.2**	**2.3**	NA	CH2M
	01/14/2015	ND (1.0)	**0.48**	NA	CH2M
	04/06/2015	**2.3**	**2.3**	NA	CH2M
	07/09/2015	**2.3**	**2.2**	NA	CH2M
	10/09/2015	**2.2**	**2.1**	NA	Arcadis
	10/09/2015*	**2.1**	**2.1**	NA	Arcadis
	01/04/2016	**2.2**	**2.1**	NA	Arcadis
	04/06/2016	**2.1**	**2.1**	NA	Arcadis
	07/11/2016	**2.1**	**2.1**	NA	Arcadis
	10/12/2016	**2.2**	**2.0**	NA	Arcadis
	04/05/2017	**2.2**	**2.0**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-124S2	10/06/2017	**2.8**	**2.0**	NA	Arcadis
	10/06/2017*	**2.6**	**1.9**	NA	Arcadis
	04/05/2018	**2.1**	**2.0**	NA	Arcadis
	10/03/2018	**2.2**	**1.8**	NA	Arcadis
	04/01/2019	**2.7**	**1.9**	NA	Arcadis
	04/01/2019*	**2.8**	**2.0**	NA	Arcadis
	10/10/2019	**1.8**	**1.8**	NA	Arcadis
	04/06/2020	2.2 J	**2.0**	NA	Arcadis
	04/06/2020*	**2.1**	**2.0**	NA	Arcadis
No. of Samples:	37				
MW-125S1	08/17/2011	**2.0**	**1.6**	NA	CH2M
	09/14/2011	**2.0**	**1.8**	NA	CH2M
	10/27/2011	**2.4**	**2.1**	NA	CH2M
	11/17/2011	**2.6**	**2.2**	NA	CH2M
	01/31/2012	**2.5**	**2.0**	NA	CH2M
	04/26/2012	**2.7**	**2.0**	NA	CH2M
	07/25/2012	**2.6**	**2.0**	NA	CH2M
	10/10/2012	**2.4**	**2.1**	NA	CH2M
	01/22/2013	ND (1.0)	**0.29**	NA	CH2M
	04/15/2013	**2.3**	**2.1**	NA	CH2M
	07/11/2013	**2.4**	**2.0**	NA	CH2M
	10/11/2013	**2.2**	**2.0**	NA	CH2M
	01/16/2014	**2.1**	**2.1**	NA	CH2M
	04/17/2014	**2.6**	**2.2**	NA	CH2M
	07/23/2014	**2.5**	**2.2**	NA	CH2M
	07/23/2014*	**2.3**	**2.3**	NA	CH2M
	10/08/2014	**2.2**	**2.3**	NA	CH2M
	01/14/2015	**2.0**	**2.4**	NA	CH2M
	04/06/2015	**2.2**	**2.3**	NA	CH2M
	07/09/2015	**2.4**	**2.2**	NA	CH2M
	10/09/2015	**2.7**	**2.2**	NA	Arcadis
	01/07/2016	**2.7**	**2.3**	NA	Arcadis
	04/06/2016	**2.8**	**2.2**	NA	Arcadis
	07/13/2016	**2.3**	**2.2**	NA	Arcadis
	10/11/2016	**2.5**	**2.2**	NA	Arcadis
	04/05/2017	**2.3**	**2.2**	NA	Arcadis
	04/05/2017*	**2.4**	**2.2**	NA	Arcadis
	10/06/2017	**2.4**	**2.2**	NA	Arcadis
	04/05/2018	**2.5**	**2.1**	NA	Arcadis
	10/03/2018	**2.5**	**2.1**	NA	Arcadis
	04/10/2019	**2.6**	**2.2**	NA	Arcadis
	10/10/2019	**2.6**	**2.1**	NA	Arcadis
	10/10/2019*	**2.6**	**2.0**	NA	Arcadis
	04/06/2020	**2.8**	**2.2**	NA	Arcadis
	04/06/2020*	**2.6**	**2.1**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	35				
MW-125S2	08/15/2011	**1.8**	**1.3**	NA	CH2M
	09/14/2011	**1.6**	**1.4**	NA	CH2M
	10/27/2011	**2.4**	**1.5**	NA	CH2M
	11/17/2011	**2.0**	**1.5**	NA	CH2M
	01/31/2012	**1.8**	**1.4**	NA	CH2M
	04/26/2012	**2.1**	**1.4**	NA	CH2M
	07/25/2012	**1.4**	**1.4**	NA	CH2M
	10/10/2012	**1.6**	**1.5**	NA	CH2M
	01/23/2013	**1.6**	**1.4**	NA	CH2M
	04/15/2013	**1.6**	**1.4**	NA	CH2M
	07/11/2013	**1.5**	**1.4**	NA	CH2M
	10/11/2013	**1.3**	**1.2**	NA	CH2M
	10/11/2013*	**1.1**	**1.2**	NA	CH2M
	01/16/2014	**1.5**	**1.4**	NA	CH2M
	04/17/2014	**1.6**	**1.6**	NA	CH2M
	07/23/2014	**1.8**	**1.6**	NA	CH2M
	10/08/2014	**1.4**	**1.5**	NA	CH2M
	01/14/2015	**1.4**	**1.6**	NA	CH2M
	04/06/2015	**1.5**	**1.5**	NA	CH2M
	07/09/2015	**1.5**	**1.6**	NA	CH2M
	10/09/2015	**1.7**	**1.5**	NA	Arcadis
	04/06/2016	**2.1**	**1.5**	NA	Arcadis
	10/11/2016	**1.6**	**1.5**	NA	Arcadis
	10/06/2017	**2.4**	**1.6**	NA	Arcadis
	10/03/2018	**1.8**	**1.6**	NA	Arcadis
	10/03/2018*	**1.8**	**1.6**	NA	Arcadis
	10/10/2019	**1.8**	**1.5**	NA	Arcadis
	10/10/2019*	**1.9**	**1.6**	NA	Arcadis
No. of Samples:	28				
MW-126S1	08/01/2011	**4.6**	**4.8**	NA	CH2M
	08/11/2011	**3.0**	**3.0**	NA	CH2M
	09/14/2011	**3.1**	**2.8**	NA	CH2M
	10/27/2011	**3.4**	**2.8**	NA	CH2M
	11/18/2011	**2.8**	**2.5**	NA	CH2M
	01/31/2012	**3.7**	**2.7**	NA	CH2M
	03/13/2012	**2.8**	**2.6**	NA	CH2M
	04/26/2012	**2.6**	**2.2**	NA	CH2M
	04/26/2012*	**2.6**	**2.2**	NA	CH2M
	07/30/2012	**2.7**	**2.5**	NA	CH2M
	10/11/2012	**2.8**	**2.6**	NA	CH2M
	01/31/2013	**3.1**	**2.5**	NA	CH2M
	04/15/2013	**2.6**	**2.5**	NA	CH2M
	07/11/2013	**3.0**	**2.4**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-126S1	10/11/2013	**2.6**	**2.4**	NA	CH2M
	01/21/2014	**2.6**	**1.7**	NA	CH2M
	04/16/2014	**3.0**	**2.8**	NA	CH2M
	04/16/2014*	**2.9**	**2.8**	NA	CH2M
	07/22/2014	**2.5**	**2.2**	NA	CH2M
	10/08/2014	**2.7**	**2.6**	NA	CH2M
	01/15/2015	**2.3**	**2.6**	NA	CH2M
	04/06/2015	**3.1**	**2.5**	NA	CH2M
	07/09/2015	**2.7**	**2.5**	NA	CH2M
	10/09/2015	**2.8**	**2.5**	NA	Arcadis
	01/07/2016	**4.5**	**2.7**	NA	Arcadis
	03/01/2016	**3.0**	**2.4**	NA	Arcadis
	04/08/2016	**4.5**	**2.6**	NA	Arcadis
	06/02/2016	**2.7**	**2.5**	NA	Arcadis
	07/11/2016	**2.6**	**2.5**	NA	Arcadis
	10/04/2016	**2.6**	**2.4**	NA	Arcadis
	04/17/2017	**3.4**	**2.7**	NA	Arcadis
	06/06/2017	**2.5**	**2.5**	NA	Arcadis
	10/06/2017	**2.6**	**2.4**	NA	Arcadis
	04/06/2018	**3.4**	**2.3**	NA	Arcadis
	06/06/2018	**2.9**	**2.3**	NA	Arcadis
	10/01/2018	**2.1**	**1.2**	NA	Arcadis
	04/10/2019	**2.6**	**2.6**	NA	Arcadis
	10/11/2019	**3.3**	**2.3**	NA	Arcadis
	12/04/2019	**3.1**	**2.9**	NA	Arcadis
	04/07/2020	**3.1**	**2.8**	NA	Arcadis
No. of Samples:	40				
MW-126S2	08/01/2011	ND (1.0)	**0.4**	NA	CH2M
	08/11/2011	**1.6**	**1.4**	NA	CH2M
	09/14/2011	**1.3**	**1.2**	NA	CH2M
	10/27/2011	**1.6**	**1.4**	NA	CH2M
	10/27/2011*	**2.3**	**1.4**	NA	CH2M
	11/18/2011	**1.7**	**1.2**	NA	CH2M
	01/31/2012	**2.2**	**1.5**	NA	CH2M
	04/26/2012	**1.6**	**1.3**	NA	CH2M
	07/30/2012	**1.5**	**1.4**	NA	CH2M
	10/11/2012	**1.4**	**1.3**	NA	CH2M
	01/31/2013	**1.5**	**1.3**	NA	CH2M
	04/15/2013	**1.4**	**1.3**	NA	CH2M
	04/15/2013*	**1.5**	**1.3**	NA	CH2M
	07/11/2013	**1.7**	**1.2**	NA	CH2M
	10/11/2013	**1.5**	**1.2**	NA	CH2M
	01/21/2014	**2.3**	**1.3**	NA	CH2M
	04/16/2014	**1.5**	**1.5**	NA	CH2M
	07/22/2014	**1.7**	**1.3**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-126S2	10/08/2014	**1.5**	**1.5**	NA	CH2M
	01/15/2015	**1.5**	**1.4**	NA	CH2M
	04/06/2015	**1.9**	**1.4**	NA	CH2M
	07/09/2015	**1.5**	**1.4**	NA	CH2M
	07/09/2015*	**1.5**	**1.4**	NA	CH2M
	10/09/2015	**1.8**	**1.5**	NA	Arcadis
	01/07/2016	**1.7**	**1.5**	NA	Arcadis
	04/08/2016	**2.0**	**1.5**	NA	Arcadis
	07/11/2016	**1.6**	**1.6**	NA	Arcadis
	10/04/2016	**1.7**	**1.4**	NA	Arcadis
	04/17/2017	**1.6**	**1.5**	NA	Arcadis
	10/06/2017	**1.6**	**1.6**	NA	Arcadis
	04/06/2018	**2.1**	**1.4**	NA	Arcadis
	10/01/2018	**3.7**	**2.6**	NA	Arcadis
	11/29/2018	**4.4**	**1.1**	NA	Arcadis
	04/10/2019	**1.6**	**1.4**	NA	Arcadis
	10/10/2019	**1.8**	**1.4**	NA	Arcadis
	10/10/2019*	**1.8**	**1.4**	NA	Arcadis
	04/07/2020	**1.9**	**1.5**	NA	Arcadis
	04/07/2020*	**2.0**	**1.5**	NA	Arcadis
No. of Samples:	38				
MW-127S1	08/01/2011	**10**	**9.2**	NA	CH2M
	08/11/2011	**3.9**	**4.0**	NA	CH2M
	08/11/2011*	**3.8**	**4.0**	NA	CH2M
	09/14/2011	**3.7**	**3.1**	NA	CH2M
	10/27/2011	**2.9**	**2.2**	NA	CH2M
	11/18/2011	**2.6**	**2.0**	NA	CH2M
	01/31/2012	**3.3**	**1.7**	NA	CH2M
	03/13/2012	**2.3**	**1.6**	NA	CH2M
	04/26/2012	**2.3**	**1.7**	NA	CH2M
	07/30/2012	**2.0**	**1.7**	NA	CH2M
	10/11/2012	**1.4**	**1.1**	NA	CH2M
	02/21/2013	**1.7**	**1.8**	NA	CH2M
	04/15/2013	**2.2**	**1.8**	NA	CH2M
	07/11/2013	**2.6**	**1.5**	NA	CH2M
	10/11/2013	**2.1**	**1.5**	NA	CH2M
	01/21/2014	**3.6**	**1.8**	NA	CH2M
	03/06/2014	**2.5**	**2.1**	NA	CH2M
	04/16/2014	**2.5**	**2.2**	NA	CH2M
	04/16/2014*	**2.4**	**2.2**	NA	CH2M
	07/22/2014	**2.5**	**2.1**	NA	CH2M
	07/22/2014*	**2.6**	**2.1**	NA	CH2M
	10/08/2014	**2.3**	**2.3**	NA	CH2M
	01/15/2015	**2.3**	**2.3**	NA	CH2M
	01/15/2015*	**2.4**	**2.3**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-127S1	04/06/2015	**2.9**	**2.3**	NA	CH2M
	07/09/2015	**2.5**	**2.5**	NA	CH2M
	10/09/2015	**3.2**	**2.4**	NA	Arcadis
	12/09/2015	**3.0**	**2.7**	NA	Arcadis
	01/07/2016	**4.0**	**2.5**	NA	Arcadis
	03/01/2016	**3.1**	**2.5**	NA	Arcadis
	04/08/2016	**2.7**	**2.4**	NA	Arcadis
	07/11/2016	**2.8**	**2.8**	NA	Arcadis
	10/04/2016	**3.1**	**2.8**	NA	Arcadis
	01/05/2017	**3.3**	**2.9**	NA	Arcadis
	03/08/2017	**3.5**	**2.7**	NA	Arcadis
	04/18/2017	**4.3**	**2.9**	NA	Arcadis
	06/06/2017	**2.9**	**2.9**	NA	Arcadis
	07/12/2017	**3.6**	**3.1**	NA	Arcadis
	09/05/2017	**2.9**	**3.0**	NA	Arcadis
	10/06/2017	**3.0**	**2.9**	NA	Arcadis
	01/09/2018	**3.5**	**2.9**	NA	Arcadis
	03/05/2018	**3.1**	**3.1**	NA	Arcadis
	04/06/2018	**3.9**	**3.1**	NA	Arcadis
	06/05/2018	**3.6**	**2.8**	NA	Arcadis
	07/25/2018	**3.6**	**3.1**	NA	Arcadis
	10/01/2018	**3.7**	**2.8**	NA	Arcadis
	01/07/2019	**3.2**	**2.8**	NA	Arcadis
	04/10/2019	**3.3**	**3.3**	NA	Arcadis
	06/06/2019	**2.9**	**3.3**	NA	Arcadis
	07/08/2019	**3.5**	**3.3**	NA	Arcadis
	09/03/2019	**3.7**	**3.2**	NA	Arcadis
	10/09/2019	**6.1**	**2.9**	NA	Arcadis
	12/04/2019	**3.6**	**3.7**	NA	Arcadis
	01/06/2020	**4.2**	**3.4**	NA	Arcadis
	03/03/2020	**3.6**	**3.3**	NA	Arcadis
	04/07/2020	**4.0**	**3.5**	NA	Arcadis
	06/05/2020	**4.0**	**3.4**	NA	Arcadis
No. of Samples:	57				
MW-127S2	08/01/2011	ND (1.0)	**0.68**	NA	CH2M
	08/11/2011	**1.3**	**1.1**	NA	CH2M
	09/14/2011	**2.0**	**1.1**	NA	CH2M
	10/27/2011	**1.5**	**1.2**	NA	CH2M
	11/18/2011	**1.5**	**1.2**	NA	CH2M
	11/18/2011*	**1.4**	**1.2**	NA	CH2M
	01/31/2012	**2.0**	**1.1**	NA	CH2M
	04/26/2012	**1.4**	**1.1**	NA	CH2M
	07/30/2012	**1.4**	**1.2**	NA	CH2M
	10/11/2012	**1.5**	**1.3**	NA	CH2M
	02/21/2013	**1.1**	**1.3**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-127S2	04/15/2013	**1.5**	**1.2**	NA	CH2M
	07/11/2013	**1.7**	**1.2**	NA	CH2M
	07/11/2013*	**2.3**	**1.2**	NA	CH2M
	10/11/2013	**1.6**	**1.2**	NA	CH2M
	01/21/2014	**1.9**	**1.2**	NA	CH2M
	04/16/2014	**1.4**	**1.3**	NA	CH2M
	07/22/2014	**1.5**	**1.3**	NA	CH2M
	10/08/2014	**1.4**	**1.4**	NA	CH2M
	01/15/2015	**1.3**	**1.4**	NA	CH2M
	04/06/2015	**1.6**	**1.3**	NA	CH2M
	07/09/2015	**1.4**	**1.4**	NA	CH2M
	10/09/2015	**1.9**	**1.4**	NA	Arcadis
	01/07/2016	**2.1**	**1.3**	NA	Arcadis
	04/08/2016	**1.5**	**1.1**	NA	Arcadis
	07/11/2016	**1.3**	**1.4**	NA	Arcadis
	10/04/2016	**1.8**	**1.4**	NA	Arcadis
	01/05/2017	**1.6**	**1.3**	NA	Arcadis
	04/18/2017	**1.5**	**1.3**	NA	Arcadis
	04/18/2017*	**1.3**	**1.5**	NA	Arcadis
	07/12/2017	**1.6**	**1.4**	NA	Arcadis
	10/06/2017	**2.0**	**1.4**	NA	Arcadis
	01/09/2018	**2.3**	**1.3**	NA	Arcadis
	04/06/2018	**2.0**	**1.3**	NA	Arcadis
	07/25/2018	**1.6**	**1.3**	NA	Arcadis
	10/01/2018	**1.9**	**1.3**	NA	Arcadis
	01/07/2019	**1.8**	**1.3**	NA	Arcadis
	04/10/2019	**1.6**	**1.6**	NA	Arcadis
	04/10/2019*	**1.4**	**1.5**	NA	Arcadis
	07/08/2019	**1.6**	**1.7**	NA	Arcadis
	10/09/2019	**1.8**	**1.4**	NA	Arcadis
	01/06/2020	**4.3**	**1.6**	NA	Arcadis
	03/03/2020	**1.8**	**1.4**	NA	Arcadis
	04/06/2020	**1.8**	**1.7**	NA	Arcadis
No. of Samples:	44				
MW-128S1	07/27/2011	**17.8**	**20.1**	NA	CH2M
	08/11/2011	**11.1**	**12.2**	NA	CH2M
	09/15/2011	**11.4**	**12**	NA	CH2M
	09/15/2011*	**11.4**	**12.1**	NA	CH2M
	10/27/2011	**11.2**	**9.9**	NA	CH2M
	11/22/2011	**11.6**	**10.6**	NA	CH2M
	01/24/2012	**7.8**	**7.8**	NA	CH2M
	04/25/2012	**9.1**	**8.8**	NA	CH2M
	07/30/2012	**7.7**	**7.3**	NA	CH2M
	10/11/2012	**5.1**	**5.4**	NA	CH2M
	10/11/2012*	**5.4**	**5.3**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-128S1	04/17/2013	**3.0**	**3.0**	NA	CH2M
	07/16/2013	**2.9**	**2.5**	NA	CH2M
	10/10/2013	**4.2**	**4.3**	NA	CH2M
	01/14/2014	**3.6**	**2.9**	NA	CH2M
	04/16/2014	**3.4**	**3.6**	NA	CH2M
	07/22/2014	**4.7**	**4.4**	NA	CH2M
	07/22/2014*	**5.1**	**4.4**	NA	CH2M
	10/09/2014	**6.6**	**7.1**	NA	CH2M
	01/19/2015	**7.5**	**7.2**	NA	CH2M
	04/06/2015	**3.9**	**3.6**	NA	CH2M
	07/08/2015	**2.8**	**3.0**	NA	CH2M
	10/15/2015	**6.0**	**6.2**	NA	Arcadis
	01/07/2016	**3.9**	**3.1**	NA	Arcadis
	04/07/2016	**2.6**	**2.6**	NA	Arcadis
	07/11/2016	**4.5**	**4.0**	NA	Arcadis
	09/08/2016	**7.7**	**8.1**	NA	Arcadis
	10/05/2016	**9.0**	**7.7**	NA	Arcadis
	02/02/2017	**4.3**	**3.8**	NA	Arcadis
	04/06/2017	**3.5**	**3.4**	NA	Arcadis
	07/13/2017	**5.5**	**6.2**	NA	Arcadis
	10/09/2017	**5.6**	**6.4**	NA	Arcadis
	01/10/2018	**7.1**	**6.4**	NA	Arcadis
	04/04/2018	**6.9**	**6.5**	NA	Arcadis
	10/01/2018	**6.5**	**5.1**	NA	Arcadis
	04/03/2019	**6.8**	**5.8**	NA	Arcadis
	10/11/2019	**11**	**9.0**	NA	Arcadis
	12/05/2019	**12**	**12**	NA	Arcadis
	01/07/2020	**12**	**12**	NA	Arcadis
	03/05/2020	**8.7**	**8.7**	NA	Arcadis
	04/06/2020	**7.9**	**7.5**	NA	Arcadis
No. of Samples:	41				
MW-128S2	07/27/2011	**3.5**	**3.5**	NA	CH2M
	08/11/2011	**3.8**	**4.2**	NA	CH2M
	09/15/2011	**4.1**	**4.1**	NA	CH2M
	10/27/2011	**3.6**	**3.2**	NA	CH2M
	11/22/2011	**3.2**	**2.9**	NA	CH2M
	01/24/2012	**3.3**	**3.0**	NA	CH2M
	04/25/2012	**3.1**	**2.9**	NA	CH2M
	07/30/2012	**3.7**	**2.8**	NA	CH2M
	10/11/2012	**3.0**	**2.9**	NA	CH2M
	01/25/2013	**3.5**	**3.3**	NA	CH2M
	04/17/2013	**3.5**	**3.5**	NA	CH2M
	07/16/2013	**3.4**	**3.2**	NA	CH2M
	10/10/2013	**3.5**	**3.2**	NA	CH2M
	01/14/2014	**4.0**	**3.1**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-128S2	04/16/2014	**3.7**	**3.6**	NA	CH2M
	07/22/2014	**3.8**	**3.5**	NA	CH2M
	10/09/2014	**3.3**	**3.7**	NA	CH2M
	01/19/2015	**3.7**	**3.7**	NA	CH2M
	04/06/2015	**3.5**	**3.7**	NA	CH2M
	04/06/2015*	**3.6**	**3.6**	NA	CH2M
	07/08/2015	**3.2**	**3.6**	NA	CH2M
	10/15/2015	**3.4**	**3.5**	NA	Arcadis
	01/07/2016	**3.7**	**3.5**	NA	Arcadis
	04/07/2016	**3.3**	**3.3**	NA	Arcadis
	07/11/2016	**3.5**	**3.1**	NA	Arcadis
	10/05/2016	**3.6**	**3.1**	NA	Arcadis
	01/03/2017	**3.1**	**3.1**	NA	Arcadis
	04/06/2017	**3.0**	**3.1**	NA	Arcadis
	07/13/2017	**2.8**	**3.1**	NA	Arcadis
	10/09/2017	**2.7**	**3.1**	NA	Arcadis
	01/10/2018	**3.0**	**3.0**	NA	Arcadis
	10/01/2018	**3.3**	**2.9**	NA	Arcadis
	10/11/2019	**3.5**	**2.7**	NA	Arcadis
	03/04/2020	**4.0**	**2.9**	NA	Arcadis
	04/06/2020	**3.8**	**3.1**	NA	Arcadis
No. of Samples:	35				
MW-128S3	07/28/2011	**1.8**	**1.4**	NA	CH2M
	08/11/2011	**1.6**	**1.9**	NA	CH2M
	09/15/2011	**2.1**	**2.0**	NA	CH2M
	10/27/2011	**2.2**	**2.1**	NA	CH2M
	11/22/2011	**2.1**	**1.7**	NA	CH2M
	11/22/2011*	**2.0**	**1.7**	NA	CH2M
	01/24/2012	**2.0**	**1.9**	NA	CH2M
	04/25/2012	**2.3**	**2.0**	NA	CH2M
	07/30/2012	**2.1**	**1.9**	NA	CH2M
	10/11/2012	**1.7**	**1.7**	NA	CH2M
	01/25/2013	**2.2**	**1.8**	NA	CH2M
	04/17/2013	**1.9**	**1.8**	NA	CH2M
	07/16/2013	**2.0**	**1.6**	NA	CH2M
	10/10/2013	**1.9**	**1.7**	NA	CH2M
	01/14/2014	**2.1**	**1.5**	NA	CH2M
	04/16/2014	**1.8**	**1.9**	NA	CH2M
	07/22/2014	**2.1**	**1.8**	NA	CH2M
	10/09/2014	**1.9**	**1.9**	NA	CH2M
	01/20/2015	**2.0**	**1.9**	NA	CH2M
	04/06/2015	**1.9**	**1.8**	NA	CH2M
	07/08/2015	**1.7**	**1.7**	NA	CH2M
	10/15/2015	**1.6**	**1.8**	NA	Arcadis
	01/07/2016	**2.0**	**1.8**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-128S3	01/07/2016*	**2.0**	**1.8**	NA	Arcadis
	04/07/2016	**2.3**	**1.8**	NA	Arcadis
	07/11/2016	**1.8**	**1.6**	NA	Arcadis
	10/05/2016	**2.0**	**1.7**	NA	Arcadis
	01/03/2017	**2.1**	**1.7**	NA	Arcadis
	04/06/2017	**1.8**	**1.7**	NA	Arcadis
	07/13/2017	**1.7**	**1.7**	NA	Arcadis
	10/09/2017	**1.6**	**1.6**	NA	Arcadis
	01/10/2018	**1.8**	**1.6**	NA	Arcadis
	10/01/2018	**1.9**	**1.6**	NA	Arcadis
	10/01/2018*	**1.9**	**1.6**	NA	Arcadis
	10/11/2019	**2.2**	**1.6**	NA	Arcadis
	03/03/2020	**2.0**	**1.5**	NA	Arcadis
	04/06/2020	**2.1**	**1.6**	NA	Arcadis
No. of Samples:	37				
MW-129S	08/02/2011	ND (1.0)	**1.2**	NA	CH2M
	08/11/2011	**1.2**	**1.0**	NA	CH2M
	09/14/2011	**1.3**	**1.1**	NA	CH2M
	10/27/2011	**1.4**	**1.1**	NA	CH2M
	11/18/2011	**1.4**	**1.0**	NA	CH2M
	01/31/2012	**1.4**	**0.94**	NA	CH2M
	04/20/2012	**1.3**	**0.53**	NA	CH2M
	07/26/2012	**1.0**	**0.86**	NA	CH2M
	10/12/2012	ND (1.0)	**0.82**	NA	CH2M
	01/22/2013	ND (1.0)	**0.83**	NA	CH2M
	04/10/2013	**1.2**	**0.82**	NA	CH2M
	07/11/2013	**1.1**	**0.8**	NA	CH2M
	10/15/2013	ND (1.0)	**0.69**	NA	CH2M
	01/16/2014	**1.1**	**0.75**	NA	CH2M
	01/16/2014*	**1.0**	**0.75**	NA	CH2M
	04/16/2014	**1.0**	**0.9**	NA	CH2M
	07/22/2014	**1.1**	**0.72**	NA	CH2M
	10/09/2014	ND (1.0)	**0.87**	NA	CH2M
	01/14/2015	**1.1**	**0.86**	NA	CH2M
	04/07/2015	**1.1**	**0.87**	NA	CH2M
	07/09/2015	**1.4**	**0.87**	NA	CH2M
	10/09/2015	ND (1.0)	**0.89**	NA	Arcadis
No. of Samples:	22				
MW-130S1	03/15/2012	**6.1**	**6.2**	NA	CH2M
	04/27/2012	**5.4**	**5.6**	NA	CH2M
	05/16/2012	**5.7**	**5.0**	NA	CH2M
	07/30/2012	**4.8**	**4.3**	NA	CH2M
	10/16/2012	**4.2**	**3.9**	NA	CH2M
	01/21/2013	**3.7**	**3.3**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-130S1	04/03/2013	**3.6**	**3.6**	NA	CH2M
	04/03/2013*	**3.7**	**3.7**	NA	CH2M
	07/18/2013	**4.0**	**3.4**	NA	CH2M
	10/10/2013	**2.4**	**2.3**	NA	CH2M
	01/14/2014	**3.8**	**3.6**	NA	CH2M
	04/10/2014	**3.5**	**3.7**	NA	CH2M
	07/16/2014	**3.0**	**2.8**	NA	CH2M
	10/07/2014	**3.6**	**3.8**	NA	CH2M
	10/07/2014*	**3.5**	**3.8**	NA	CH2M
	01/12/2015	**3.5**	**3.9**	NA	CH2M
	04/02/2015	**3.7**	**3.7**	NA	CH2M
	07/08/2015	**3.4**	**3.8**	NA	CH2M
	10/12/2015	**3.4**	**3.7**	NA	Arcadis
	10/12/2015*	**3.5**	**3.8**	NA	Arcadis
	04/06/2016	**3.6**	**3.7**	NA	Arcadis
	10/11/2016	**3.8**	**3.7**	NA	Arcadis
	10/13/2017	**3.6**	**3.7**	NA	Arcadis
	10/09/2018	**3.8**	**3.8**	NA	Arcadis
	04/02/2019	**3.3**	**3.2**	NA	Arcadis
	10/08/2019	**5.0**	**3.6**	NA	Arcadis
	12/04/2019	**3.9**	**4.0**	NA	Arcadis
	04/08/2020	**5.1**	**3.2**	NA	Arcadis
	06/03/2020	**4.0**	**3.6**	NA	Arcadis
No. of Samples:	29				
MW-130S2	03/14/2012	**4.1**	**3.7**	NA	CH2M
	04/26/2012	**4.1**	**3.7**	NA	CH2M
	05/15/2012	**3.6**	**3.6**	NA	CH2M
	07/26/2012	**4.1**	**3.7**	NA	CH2M
	10/15/2012	**3.2**	**3.4**	NA	CH2M
	01/21/2013	**3.9**	**3.5**	NA	CH2M
	01/21/2013*	**4.1**	**3.5**	NA	CH2M
	04/03/2013	**3.8**	**3.5**	NA	CH2M
	07/17/2013	**4.1**	**3.5**	NA	CH2M
	10/10/2013	**3.4**	**3.4**	NA	CH2M
	01/14/2014	**3.8**	**3.6**	NA	CH2M
	04/10/2014	**3.8**	**3.8**	NA	CH2M
	07/16/2014	**4.0**	**3.6**	NA	CH2M
	10/07/2014	**3.5**	**3.9**	NA	CH2M
	01/12/2015	**3.7**	**3.7**	NA	CH2M
	04/01/2015	**4.1**	**3.8**	NA	CH2M
	07/07/2015	**3.7**	**3.8**	NA	CH2M
	10/12/2015	**3.7**	**3.8**	NA	Arcadis
	01/08/2016	**4.3**	**3.8**	NA	Arcadis
	04/06/2016	**4.2**	**3.6**	NA	Arcadis
	07/07/2016	**3.9**	**3.8**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-130S2	10/14/2016	**3.8**	**3.8**	NA	Arcadis
	04/03/2017	**4.3**	**3.7**	NA	Arcadis
	10/13/2017	**3.9**	**3.8**	NA	Arcadis
	04/03/2018	**4.0**	**3.8**	NA	Arcadis
	10/09/2018	**4.4**	**3.7**	NA	Arcadis
	10/08/2019	**5.4**	**3.3**	NA	Arcadis
	12/04/2019	**3.6**	**3.9**	NA	Arcadis
No. of Samples:	28				
MW-131S1	01/26/2012	**2.5**	**2.2**	NA	CH2M
	03/14/2012	**2.6**	**2.0**	NA	CH2M
	04/26/2012	**2.5**	**2.3**	NA	CH2M
	07/26/2012	**3.1**	**2.7**	NA	CH2M
	10/09/2012	**3.7**	**2.8**	NA	CH2M
	12/05/2012	**3.2**	**2.7**	NA	CH2M
	01/30/2013	**3.3**	**2.9**	NA	CH2M
	04/10/2013	**3.4**	**2.9**	NA	CH2M
	07/17/2013	**2.7**	**2.4**	NA	CH2M
	10/10/2013	**2.6**	**2.5**	NA	CH2M
	01/16/2014	**3.9**	**2.1**	NA	CH2M
	04/10/2014	**2.8**	**2.5**	NA	CH2M
	07/16/2014	**3.1**	**2.3**	NA	CH2M
	10/07/2014	**2.3**	**2.5**	NA	CH2M
	01/12/2015	**2.5**	**2.7**	NA	CH2M
	01/12/2015*	**2.4**	**2.7**	NA	CH2M
	04/02/2015	**2.6**	**2.4**	NA	CH2M
	07/07/2015	**2.7**	**2.4**	NA	CH2M
	10/07/2015	**2.5**	**2.4**	NA	Arcadis
	01/05/2016	**3.6**	**2.5**	NA	Arcadis
	03/01/2016	**3.6**	**2.5**	NA	Arcadis
	04/06/2016	**4.6**	**2.4**	NA	Arcadis
	06/01/2016	**3.0**	**2.7**	NA	Arcadis
	07/07/2016	**4.9**	**2.6**	NA	Arcadis
	09/08/2016	**2.9**	**2.4**	NA	Arcadis
	10/12/2016	**2.6**	**2.6**	NA	Arcadis
	04/03/2017	**3.2**	**2.8**	NA	Arcadis
	10/13/2017	**2.6**	**2.7**	NA	Arcadis
	10/09/2018	**2.9**	**2.5**	NA	Arcadis
	04/02/2019	**3.8**	**2.6**	NA	Arcadis
	06/06/2019	**6.6**	**2.4**	NA	Arcadis
	10/08/2019	**8.1**	**2.2**	NA	Arcadis
	12/04/2019	**2.6**	**2.6**	NA	Arcadis
	04/08/2020	**5.5**	**2.3**	NA	Arcadis
	06/04/2020	**3.2**	**2.5**	NA	Arcadis
No. of Samples:	35				

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-133S1	11/01/2011	**6.6**	**7.1**	NA	CH2M
	04/18/2013	**7.6**	**7.7**	NA	CH2M
	01/24/2014	**8.1**	**8.8**	NA	CH2M
	04/18/2014	**7.8**	**8.0**	NA	CH2M
	07/11/2014	**9.9**	**9.8**	NA	CH2M
	10/22/2014	**7.2**	**7.7**	NA	CH2M
	01/21/2015	**8.0**	**9.2**	NA	CH2M
	04/15/2015	**7.6**	**8.1**	NA	CH2M
	07/23/2015	**6.8**	**7.4**	NA	CH2M
	10/22/2015	**6.4**	**7.8**	NA	Arcadis
	01/19/2016	**7.4**	**7.6**	NA	Arcadis
	01/19/2016*	**6.9**	**7.6**	NA	Arcadis
	04/07/2016	**6.9**	**7.1**	NA	Arcadis
	07/19/2016	**7.2**	**7.5**	NA	Arcadis
	10/19/2016	**8.0**	**7.8**	NA	Arcadis
	03/06/2017	**7.5**	**7.3**	NA	Arcadis
	04/20/2017	**6.9**	**7.5**	NA	Arcadis
	07/26/2017	**6.7**	**7.6**	NA	Arcadis
	10/16/2017	**7.9**	**8.3**	NA	Arcadis
	01/25/2018	**7.5**	**7.9**	NA	Arcadis
	04/17/2018	**8.1**	**8.6**	NA	Arcadis
	10/19/2018	**8.7**	**9.4**	NA	Arcadis
	03/04/2019	**7.2**	**8.1**	NA	Arcadis
	04/15/2019	**8.6**	**7.7**	NA	Arcadis
	07/23/2019	**8.5**	**8.7**	NA	Arcadis
	10/25/2019	**8.1**	**7.8**	NA	Arcadis
	04/20/2020	**7.2**	**7.6**	NA	Arcadis
No. of Samples:	27				
MW-133S2	10/27/2011	ND (1.0)	ND (0.075)	NA	CH2M
	11/21/2011	ND (1.0)	**0.061**	NA	CH2M
	12/12/2011	ND (1.0)	ND (0.13)	NA	CH2M
	01/26/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/26/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	**0.068**	NA	CH2M
	07/16/2012	ND (1.0)	**0.072**	NA	CH2M
	10/15/2012	ND (1.0)	**0.34**	NA	CH2M
	01/30/2013	ND (1.0)	**0.09**	NA	CH2M
	04/17/2013	ND (1.0)	**0.22**	NA	CH2M
	07/16/2013	ND (1.0)	**0.083**	NA	CH2M
	10/08/2013	**1.2**	**0.48**	NA	CH2M
	01/20/2014	ND (1.0)	**0.11**	NA	CH2M
	04/07/2014	ND (1.0)	**0.19**	NA	CH2M
	07/10/2014	ND (1.0)	**0.18**	NA	CH2M
	10/07/2014	ND (1.0)	**0.21**	NA	CH2M
	01/12/2015	ND (1.0)	**0.26**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-133S2	04/02/2015	ND (1.0)	**0.41**	NA	CH2M
	07/08/2015	ND (1.0)	**0.35**	NA	CH2M
	07/08/2015*	ND (1.0)	**0.43**	NA	CH2M
	10/07/2015	ND (1.0)	**0.093**	NA	Arcadis
	04/05/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/04/2016	**1.3**	**0.59**	NA	Arcadis
	10/02/2017	ND (1.0)	**0.28**	NA	Arcadis
	10/05/2018	**1.9**	**0.81**	NA	Arcadis
	11/29/2018	**1.7**	ND (0.2)	NA	Arcadis
	10/08/2019	ND (1.0)	**0.2**	NA	Arcadis
No. of Samples:	27				
MW-135S1	11/09/2011	**4.2**	**4.2**	NA	CH2M
	12/12/2011	**4.5**	**4.2**	NA	CH2M
	01/26/2012	**4.0**	**3.9**	NA	CH2M
	04/26/2012	**3.6**	**3.5**	NA	CH2M
	07/19/2012	6.5 J	**3.2**	NA	CH2M
	07/19/2012*	4.0 J	**3.6**	NA	CH2M
	10/15/2012	**3.4**	**3.4**	NA	CH2M
	01/17/2013	**3.9**	**3.7**	NA	CH2M
	04/15/2013	**4.0**	**3.9**	NA	CH2M
	07/16/2013	**4.2**	**3.6**	NA	CH2M
	10/08/2013	**2.7**	**2.5**	NA	CH2M
	01/20/2014	**3.4**	**3.5**	NA	CH2M
	04/07/2014	**4.0**	**3.9**	NA	CH2M
	07/07/2014	**3.6**	**3.8**	NA	CH2M
	10/07/2014	**3.9**	**3.9**	NA	CH2M
	01/05/2015	**4.0**	**4.1**	NA	CH2M
	04/02/2015	**4.0**	**4.0**	NA	CH2M
	07/08/2015	**3.6**	**4.0**	NA	CH2M
	10/07/2015	**3.7**	**4.0**	NA	Arcadis
	01/04/2016	**5.5**	**3.8**	NA	Arcadis
	03/01/2016	**4.4**	**3.6**	NA	Arcadis
	04/05/2016	**4.0**	**3.8**	NA	Arcadis
	07/07/2016	**4.0**	**3.8**	NA	Arcadis
	07/07/2016*	**3.9**	**3.8**	NA	Arcadis
	10/14/2016	**4.5**	**3.7**	NA	Arcadis
	04/11/2017	**4.0**	**3.8**	NA	Arcadis
	10/31/2017	**4.0**	**3.8**	NA	Arcadis
	10/04/2018	**3.7**	**3.7**	NA	Arcadis
	04/08/2019	**3.6**	**3.3**	NA	Arcadis
	10/23/2019	**5.3**	**3.5**	NA	Arcadis
	12/05/2019	**3.9**	**4.3**	NA	Arcadis
	06/04/2020	**3.7**	**3.5**	NA	Arcadis
No. of Samples:	32				

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-135S2	10/16/2012	**1.7**	**1.4**	NA	CH2M
	01/17/2013	**2.1**	**1.8**	NA	CH2M
	04/15/2013	**2.4**	**2.0**	NA	CH2M
	07/16/2013	**2.8**	**2.2**	NA	CH2M
	10/10/2013	**2.3**	**2.4**	NA	CH2M
	01/20/2014	**2.6**	**2.1**	NA	CH2M
	04/07/2014	**5.0**	**2.9**	NA	CH2M
	06/04/2014	**7.7**	**1.3**	NA	CH2M
	07/07/2014	**3.5**	**3.1**	NA	CH2M
	10/07/2014	**4.4**	**2.3**	NA	CH2M
	01/05/2015	**4.2**	**2.9**	NA	CH2M
	04/02/2015	**3.9**	**2.5**	NA	CH2M
	07/08/2015	**3.2**	**3.2**	NA	CH2M
	10/07/2015	**3.8**	**2.7**	NA	Arcadis
	12/09/2015	**3.9**	**2.9**	NA	Arcadis
	04/05/2016	**3.9**	**3.1**	NA	Arcadis
	10/14/2016	**3.0**	**2.5**	NA	Arcadis
	02/03/2017	**3.7**	**0.99**	NA	Arcadis
	03/07/2017	**3.9**	**2.0**	NA	Arcadis
	04/11/2017	**4.6**	**2.7**	NA	Arcadis
	06/22/2017	**3.5**	**3.1**	NA	Arcadis
	07/20/2017	**3.4**	**2.9**	NA	Arcadis
	10/31/2017	**4.1**	**1.8**	NA	Arcadis
	11/28/2017	**2.9**	**2.6**	NA	Arcadis
	04/05/2018	**4.0**	**2.2**	NA	Arcadis
	06/06/2018	**3.6**	**2.1**	NA	Arcadis
	10/04/2018	**2.2**	**1.3**	NA	Arcadis
	10/23/2019	**3.1**	**2.7**	NA	Arcadis
No. of Samples:	28				
MW-136S1	10/27/2011	**3.4**	**2.7**	NA	CH2M
	11/21/2011	**2.3**	**2.0**	NA	CH2M
	12/09/2011	**3.3**	**2.9**	NA	CH2M
	01/26/2012	**3.1**	**3.2**	NA	CH2M
	04/27/2012	**3.0**	**2.5**	NA	CH2M
	07/26/2012	**3.5**	**3.3**	NA	CH2M
	10/15/2012	**3.3**	**2.7**	NA	CH2M
	01/17/2013	**3.1**	**2.9**	NA	CH2M
	04/09/2013	**3.6**	**3.2**	NA	CH2M
	07/16/2013	**3.6**	**3.2**	NA	CH2M
	10/08/2013	**1.5**	**1.4**	NA	CH2M
	10/08/2013*	**1.7**	**1.4**	NA	CH2M
	01/23/2014	**3.1**	**3.2**	NA	CH2M
	04/17/2014	**3.4**	**3.6**	NA	CH2M
	07/09/2014	**3.4**	**3.4**	NA	CH2M
	10/07/2014	**3.8**	**3.6**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-136S1	01/13/2015	**3.7**	**3.9**	NA	CH2M
	04/02/2015	**4.1**	**3.7**	NA	CH2M
	07/08/2015	**3.6**	**3.8**	NA	CH2M
	10/13/2015	**3.7**	**3.6**	NA	Arcadis
	01/04/2016	**3.6**	**3.7**	NA	Arcadis
	04/05/2016	**4.0**	**3.6**	NA	Arcadis
	04/05/2016*	**4.0**	**3.6**	NA	Arcadis
	07/05/2016	**3.4**	**3.5**	NA	Arcadis
	10/12/2016	**4.2**	**3.9**	NA	Arcadis
	01/31/2017	**3.9**	**3.9**	NA	Arcadis
	04/04/2017	**4.0**	**3.9**	NA	Arcadis
	07/13/2017	**3.7**	**3.9**	NA	Arcadis
	10/18/2017	**4.4**	**3.5**	NA	Arcadis
	01/11/2018	**4.1**	**4.0**	NA	Arcadis
	04/04/2018	**4.0**	**3.9**	NA	Arcadis
	10/05/2018	**4.0**	**3.7**	NA	Arcadis
	04/03/2019	**3.6**	**3.9**	NA	Arcadis
	10/08/2019	**4.0**	**3.6**	NA	Arcadis
	04/08/2020	**5.6**	**3.6**	NA	Arcadis
	06/04/2020	**4.2**	**4.0**	NA	Arcadis
No. of Samples:	36				
MW-136S2	10/27/2011	ND (1.0)	ND (0.06 J)	NA	CH2M
	11/21/2011	ND (1.0)	ND (0.06)	NA	CH2M
	12/09/2011	ND (1.0)	ND (0.11)	NA	CH2M
	01/26/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/27/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/30/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.089)	NA	CH2M
	10/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2014	ND (1.0)	ND (0.1)	NA	CH2M
	07/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/08/2015	ND (1.0)	ND (0.078)	NA	CH2M
	10/13/2015	ND (1.0)	**0.077**	NA	Arcadis
	10/13/2015*	ND (1.0)	**0.064**	NA	Arcadis
	01/04/2016	ND (1.0)	ND (0.06)	NA	Arcadis
	04/06/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/05/2016	ND (1.0)	ND (0.2)	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-136S2	10/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/04/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/04/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/04/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	33				
MW-137S1	11/21/2011	**6.2**	**6.1**	NA	CH2M
	12/09/2011	**8.2**	**5.7**	NA	CH2M
	01/26/2012	**5.4**	**5.2**	NA	CH2M
	04/27/2012	**6.3**	**5.6**	NA	CH2M
	07/30/2012	**5.0**	**4.3**	NA	CH2M
	10/15/2012	**4.4**	**4.1**	NA	CH2M
	01/23/2013	**5.2**	**4.4**	NA	CH2M
	04/09/2013	**5.0**	**4.6**	NA	CH2M
	07/16/2013	**5.2**	**4.2**	NA	CH2M
	10/11/2013	**4.8**	**4.4**	NA	CH2M
	01/23/2014	**5.0**	**4.1**	NA	CH2M
	01/23/2014*	**5.1**	**4.1**	NA	CH2M
	04/17/2014	**4.8**	**4.8**	NA	CH2M
	07/09/2014	**4.8**	**4.6**	NA	CH2M
	10/07/2014	**5.0**	**4.7**	NA	CH2M
	01/13/2015	**4.7**	**5.1**	NA	CH2M
	04/03/2015	**4.9**	**4.8**	NA	CH2M
	07/08/2015	**4.5**	**4.7**	NA	CH2M
	10/07/2015	**5.0**	**4.6**	NA	Arcadis
	01/04/2016	**4.9**	**4.7**	NA	Arcadis
	04/05/2016	**5.2**	**4.6**	NA	Arcadis
	07/07/2016	**5.2**	**4.5**	NA	Arcadis
	10/11/2016	**5.1**	**4.7**	NA	Arcadis
	02/03/2017	**4.6**	**4.4**	NA	Arcadis
	04/04/2017	**5.0**	**4.8**	NA	Arcadis
	07/14/2017	**5.0**	**4.7**	NA	Arcadis
	10/18/2017	**6.5**	**4.3**	NA	Arcadis
	11/27/2017	**5.0**	**4.8**	NA	Arcadis
	01/09/2018	**7.6**	**4.2**	NA	Arcadis
	03/06/2018	**5.0**	**4.6**	NA	Arcadis
	04/04/2018	**4.5**	**4.5**	NA	Arcadis
	10/05/2018	**4.7**	**4.5**	NA	Arcadis
	10/09/2019	**5.4**	**4.3**	NA	Arcadis
No. of Samples:	33				

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-137S2	10/27/2011	**2.7**	**2.2**	NA	CH2M
	11/21/2011	**4.4**	**4.3**	NA	CH2M
	12/09/2011	**4.1**	**3.9**	NA	CH2M
	01/26/2012	**3.7**	**3.7**	NA	CH2M
	04/27/2012	**4.2**	**4.0**	NA	CH2M
	07/30/2012	**5.4**	**4.2**	NA	CH2M
	10/15/2012	**4.1**	**4.0**	NA	CH2M
	01/23/2013	**4.8**	**4.4**	NA	CH2M
	04/09/2013	**5.1**	**4.4**	NA	CH2M
	04/09/2013*	**4.7**	**4.4**	NA	CH2M
	07/16/2013	**4.9**	**4.2**	NA	CH2M
	10/11/2013	**4.4**	**4.3**	NA	CH2M
	01/23/2014	**4.2**	**4.3**	NA	CH2M
	04/17/2014	**4.6**	**4.6**	NA	CH2M
	07/09/2014	**4.5**	**4.6**	NA	CH2M
	10/07/2014	**4.8**	**4.6**	NA	CH2M
	01/13/2015	**4.7**	**4.8**	NA	CH2M
	04/03/2015	**4.9**	**4.7**	NA	CH2M
	07/08/2015	**4.4**	**4.7**	NA	CH2M
	10/07/2015	**4.7**	**4.6**	NA	Arcadis
	04/05/2016	**5.4**	**4.7**	NA	Arcadis
	10/11/2016	**4.9**	**4.6**	NA	Arcadis
	02/03/2017	**4.9**	**4.4**	NA	Arcadis
	04/04/2017	**4.8**	**4.6**	NA	Arcadis
	07/14/2017	**4.7**	**4.6**	NA	Arcadis
	10/18/2017	**6.0**	**4.5**	NA	Arcadis
	11/27/2017	**4.8**	**4.7**	NA	Arcadis
	04/04/2018	**4.8**	**4.6**	NA	Arcadis
	07/25/2018	**5.2**	**4.7**	NA	Arcadis
	10/05/2018	**4.8**	**4.5**	NA	Arcadis
	04/03/2019	**4.5**	**4.8**	NA	Arcadis
	10/09/2019	**5.1**	**4.3**	NA	Arcadis
No. of Samples:	32				
MW-137S3	10/27/2011	**2.3**	**1.6**	NA	CH2M
	11/21/2011	**2.3**	**2.3**	NA	CH2M
	01/26/2012	**2.5**	**2.5**	NA	CH2M
	03/14/2012	**2.0**	**2.0**	NA	CH2M
	04/27/2012	**2.2**	**2.0**	NA	CH2M
	04/27/2012*	**2.2**	**2.0**	NA	CH2M
	07/30/2012	**3.1**	**2.2**	NA	CH2M
	10/15/2012	**1.9**	**1.7**	NA	CH2M
	01/23/2013	**1.6**	**1.5**	NA	CH2M
	04/09/2013	**2.0**	**1.6**	NA	CH2M
	07/16/2013	**2.0**	**1.5**	NA	CH2M
	07/16/2013*	**1.9**	**1.5**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-137S3	10/11/2013	**1.9**	**1.8**	NA	CH2M
	01/24/2014	**1.5**	**1.7**	NA	CH2M
	04/17/2014	**2.2**	**2.1**	NA	CH2M
	07/09/2014	**2.0**	**2.0**	NA	CH2M
	10/07/2014	**3.4**	**3.3**	NA	CH2M
	01/13/2015	**5.4**	**5.6**	NA	CH2M
	04/03/2015	**2.1**	**2.0**	NA	CH2M
	04/03/2015*	**2.1**	**1.9**	NA	CH2M
	07/08/2015	**2.2**	**2.3**	NA	CH2M
	10/07/2015	**4.5**	**4.1**	NA	Arcadis
	01/04/2016	**5.5**	**3.4**	NA	Arcadis
	04/05/2016	**3.1**	**3.0**	NA	Arcadis
	07/07/2016	**4.1**	**3.9**	NA	Arcadis
	10/11/2016	**5.1**	**4.7**	NA	Arcadis
	01/04/2017	**8.6**	**8.7**	NA	Arcadis
	04/04/2017	**1.9**	**1.7**	NA	Arcadis
	07/14/2017	**3.3**	**3.2**	NA	Arcadis
	10/18/2017	**7.7**	**6.7**	NA	Arcadis
	01/09/2018	**7.2**	**5.5**	NA	Arcadis
	03/06/2018	**6.6**	**6.4**	NA	Arcadis
	10/05/2018	**5.2**	**4.7**	NA	Arcadis
	10/09/2019	**11**	**8.9**	NA	Arcadis
	12/04/2019	**11**	**11**	NA	Arcadis
	04/09/2020	**13**	**13**	NA	Arcadis
No. of Samples:	36				
MW-138S1	01/26/2012	**5.8**	**5.5**	NA	CH2M
	02/23/2012	**7.3**	**6.4**	NA	CH2M
	03/15/2012	**6.7**	**6.4**	NA	CH2M
	03/15/2012*	**6.8**	**6.4**	NA	CH2M
	04/27/2012	**6.3**	**5.9**	NA	CH2M
	07/27/2012	**5.6**	**5.3**	NA	CH2M
	10/16/2012	**5.5**	**4.9**	NA	CH2M
	01/23/2013	**5.2**	**4.8**	NA	CH2M
	04/09/2013	**5.5**	**4.9**	NA	CH2M
	07/16/2013	**5.1**	**5.0**	NA	CH2M
	10/11/2013	**4.8**	**5.0**	NA	CH2M
	01/20/2014	**5.3**	**4.9**	NA	CH2M
	04/17/2014	**5.1**	**5.3**	NA	CH2M
	07/14/2014	**5.2**	**5.0**	NA	CH2M
	07/14/2014*	**5.2**	**5.0**	NA	CH2M
	10/07/2014	**5.5**	**5.2**	NA	CH2M
	01/13/2015	**4.8**	**5.4**	NA	CH2M
	04/03/2015	**5.2**	**5.0**	NA	CH2M
	07/08/2015	**5.4**	**5.1**	NA	CH2M
	10/07/2015	**4.7**	**5.1**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-138S1	01/05/2016	**5.2**	**5.1**	NA	Arcadis
	04/05/2016	**5.1**	**5.1**	NA	Arcadis
	07/07/2016	**5.0**	**5.0**	NA	Arcadis
	10/12/2016	**5.0**	**4.8**	NA	Arcadis
	04/04/2017	**5.1**	**5.0**	NA	Arcadis
	10/05/2017	**5.0**	**4.8**	NA	Arcadis
	04/04/2018	**4.6**	**4.9**	NA	Arcadis
	10/09/2018	**4.5**	**4.4**	NA	Arcadis
	04/03/2019	**4.8**	**4.8**	NA	Arcadis
	10/09/2019	**4.6**	**4.5**	NA	Arcadis
	04/09/2020	**5.0**	**4.5**	NA	Arcadis
No. of Samples:	31				
MW-138S2	02/23/2012	**4.5**	**4.1**	NA	CH2M
	03/15/2012	**4.3**	**4.3**	NA	CH2M
	04/27/2012	**4.7**	**4.2**	NA	CH2M
	07/27/2012	**4.2**	**4.2**	NA	CH2M
	10/16/2012	**5.1**	**4.2**	NA	CH2M
	01/23/2013	**4.5**	**4.3**	NA	CH2M
	04/09/2013	**4.8**	**4.3**	NA	CH2M
	07/16/2013	**4.6**	**4.2**	NA	CH2M
	10/11/2013	**4.2**	**4.3**	NA	CH2M
	01/20/2014	**4.7**	**4.3**	NA	CH2M
	04/17/2014	**6.2**	**6.7**	NA	CH2M
	07/14/2014	**4.4**	**4.3**	NA	CH2M
	10/07/2014	**4.7**	**4.6**	NA	CH2M
	01/13/2015	**4.5**	**4.8**	NA	CH2M
	04/03/2015	**5.0**	**4.4**	NA	CH2M
	07/08/2015	**4.2**	**4.6**	NA	CH2M
	07/08/2015*	**4.2**	**4.6**	NA	CH2M
	10/07/2015	**4.2**	**4.6**	NA	Arcadis
	04/05/2016	**4.7**	**4.5**	NA	Arcadis
	10/12/2016	**4.7**	**4.5**	NA	Arcadis
	10/05/2017	**6.8**	**4.4**	NA	Arcadis
	11/30/2017	**4.3**	**4.6**	NA	Arcadis
	10/09/2018	**4.7**	**4.4**	NA	Arcadis
	10/09/2019	**4.6**	**4.5**	NA	Arcadis
No. of Samples:	24				
MW-139S1	01/26/2012	**6.4**	**6.3**	NA	CH2M
	02/23/2012	**9.3**	**9.0**	NA	CH2M
	03/14/2012	**11.5**	**11.6**	NA	CH2M
	04/26/2012	**13.2**	**12.6**	NA	CH2M
	07/27/2012	**9.7**	**9.3**	NA	CH2M
	10/16/2012	**7.3**	**7.1**	NA	CH2M
	01/23/2013	**6.0**	**6.1**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-139S1	04/10/2013	**5.8**	**5.4**	NA	CH2M
	07/18/2013	**5.7**	**5.2**	NA	CH2M
	10/10/2013	**5.1**	**5.1**	NA	CH2M
	01/20/2014	**5.2**	**4.9**	NA	CH2M
	04/17/2014	**4.8**	**5.2**	NA	CH2M
	07/09/2014	**5.1**	**5.0**	NA	CH2M
	10/07/2014	**5.0**	**5.2**	NA	CH2M
	01/13/2015	**4.8**	**5.2**	NA	CH2M
	01/13/2015*	**4.6**	**5.2**	NA	CH2M
	04/03/2015	**4.8**	**4.8**	NA	CH2M
	07/08/2015	**4.6**	**4.7**	NA	CH2M
	10/07/2015	**4.4**	**4.7**	NA	Arcadis
	01/05/2016	**4.6**	**4.6**	NA	Arcadis
	04/05/2016	**4.7**	**4.3**	NA	Arcadis
	07/07/2016	**4.1**	**4.3**	NA	Arcadis
	10/20/2016	**4.5**	**4.1**	NA	Arcadis
	04/04/2017	**4.0**	**4.0**	NA	Arcadis
	10/03/2017	**4.8**	**4.0**	NA	Arcadis
	10/03/2017*	**4.6**	**3.9**	NA	Arcadis
	04/04/2018	**3.7**	**3.7**	NA	Arcadis
	10/09/2018	**3.8**	**3.8**	NA	Arcadis
	04/03/2019	**3.9**	**3.6**	NA	Arcadis
	04/03/2019*	**3.6**	**3.6**	NA	Arcadis
	10/09/2019	**3.8**	**3.5**	NA	Arcadis
	04/09/2020	**3.5**	**3.3**	NA	Arcadis
No. of Samples:	32				
MW-139S2	01/26/2012	ND (1.0)	**0.46**	NA	CH2M
	02/23/2012	**1.7**	**0.98**	NA	CH2M
	03/13/2012	**1.5**	**1.2**	NA	CH2M
	04/26/2012	**1.2**	**0.58**	NA	CH2M
	07/27/2012	**1.5**	**1.2**	NA	CH2M
	10/16/2012	ND (1.0)	**0.47**	NA	CH2M
	01/23/2013	**1.4**	**1.1**	NA	CH2M
	01/23/2013*	**1.5**	**1.1**	NA	CH2M
	04/10/2013	ND (1.0)	**0.49**	NA	CH2M
	07/15/2013	**1.9**	**1.5**	NA	CH2M
	10/10/2013	**1.2**	**0.97**	NA	CH2M
	01/20/2014	**1.9**	**1.2**	NA	CH2M
	04/17/2014	**2.0**	**1.8**	NA	CH2M
	07/09/2014	**2.1**	**1.5**	NA	CH2M
	10/07/2014	**2.5**	**2.2**	NA	CH2M
	01/13/2015	**1.8**	**1.8**	NA	CH2M
	04/03/2015	**1.4**	**1.2**	NA	CH2M
	07/08/2015	**1.4**	**1.3**	NA	CH2M
	10/07/2015	**2.3**	**1.2**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-139S2	12/09/2015	**1.2**	**1.1**	NA	Arcadis
	04/05/2016	**1.6**	**1.2**	NA	Arcadis
	10/20/2016	**1.6**	**1.2**	NA	Arcadis
	10/20/2016*	**1.6**	**1.2**	NA	Arcadis
	10/04/2017	ND (1.0)	**0.51**	NA	Arcadis
	10/09/2018	**1.3**	**1.1**	NA	Arcadis
	10/09/2019	**1.1**	**1.2**	NA	Arcadis
No. of Samples:	26				
MW-140S1	05/15/2012	**4.1**	**4.2**	NA	CH2M
	06/05/2012	**4.9**	**4.4**	NA	CH2M
	07/19/2012	**4.2**	**4.5**	NA	CH2M
	10/16/2012	**4.8**	**4.3**	NA	CH2M
	10/16/2012*	**4.8**	**4.3**	NA	CH2M
	01/23/2013	**4.8**	**4.5**	NA	CH2M
	04/10/2013	**4.6**	**4.4**	NA	CH2M
	07/15/2013	**4.6**	**4.1**	NA	CH2M
	10/11/2013	**4.4**	**4.4**	NA	CH2M
	01/20/2014	**4.3**	**4.2**	NA	CH2M
	04/18/2014	**4.8**	**4.6**	NA	CH2M
	04/18/2014*	**4.8**	**4.6**	NA	CH2M
	07/23/2014	**4.8**	**4.7**	NA	CH2M
	10/08/2014	**4.4**	**4.8**	NA	CH2M
	01/14/2015	**4.1**	**4.6**	NA	CH2M
	04/03/2015	**4.9**	**4.8**	NA	CH2M
	07/08/2015	**4.5**	**4.7**	NA	CH2M
	10/12/2015	**4.7**	**4.8**	NA	Arcadis
	01/05/2016	**4.9**	**4.8**	NA	Arcadis
	04/08/2016	**6.2**	**4.5**	NA	Arcadis
	04/08/2016*	**6.1**	**4.5**	NA	Arcadis
	07/08/2016	**5.3**	**4.7**	NA	Arcadis
	10/12/2016	**4.9**	**4.7**	NA	Arcadis
	04/04/2017	**4.7**	**4.8**	NA	Arcadis
	10/04/2017	**5.2**	**4.2**	NA	Arcadis
	04/04/2018	**5.0**	**4.8**	NA	Arcadis
	10/09/2018	**5.1**	**4.6**	NA	Arcadis
	04/03/2019	**5.2**	**4.8**	NA	Arcadis
	10/09/2019	**5.2**	**4.6**	NA	Arcadis
	10/09/2019*	**6.0**	**4.3**	NA	Arcadis
	12/04/2019	**4.5**	**4.9**	NA	Arcadis
	04/09/2020	**4.8**	**4.8**	NA	Arcadis
No. of Samples:	32				
MW-140S2	05/15/2012	**3.2**	**3.6**	NA	CH2M
	06/05/2012	**4.1**	**3.7**	NA	CH2M
	07/19/2012	**3.4**	**3.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-140S2	10/16/2012	**4.2**	**3.6**	NA	CH2M
	01/23/2013	**3.8**	**3.8**	NA	CH2M
	04/10/2013	**4.3**	**3.7**	NA	CH2M
	07/15/2013	**4.0**	**3.7**	NA	CH2M
	10/11/2013	**3.1**	**3.3**	NA	CH2M
	01/20/2014	**4.0**	**3.8**	NA	CH2M
	04/18/2014	**4.0**	**4.0**	NA	CH2M
	07/23/2014	**4.2**	**4.0**	NA	CH2M
	10/08/2014	**3.8**	**4.0**	NA	CH2M
	01/14/2015	**3.9**	**4.2**	NA	CH2M
	04/03/2015	**4.1**	**4.0**	NA	CH2M
	07/08/2015	**3.9**	**4.0**	NA	CH2M
	10/12/2015	**3.8**	**4.1**	NA	Arcadis
	04/08/2016	**4.2**	**3.9**	NA	Arcadis
	10/12/2016	**3.9**	**3.9**	NA	Arcadis
	10/04/2017	**4.0**	**3.8**	NA	Arcadis
	10/09/2018	**3.9**	**3.7**	NA	Arcadis
	10/09/2018*	**3.9**	**3.8**	NA	Arcadis
	10/09/2019	**4.5**	**3.6**	NA	Arcadis
No. of Samples:	22				
MW-140S3	05/15/2012	**3.5**	**2.9**	NA	CH2M
	06/05/2012	**3.6**	**3.0**	NA	CH2M
	07/19/2012	**2.7**	**2.9**	NA	CH2M
	10/09/2012	**3.3**	**3.0**	NA	CH2M
	01/29/2013	**3.3**	**3.4**	NA	CH2M
	04/10/2013	**3.3**	**3.1**	NA	CH2M
	04/10/2013*	**3.2**	**3.1**	NA	CH2M
	07/15/2013	**3.4**	**3.1**	NA	CH2M
	10/11/2013	**3.2**	**3.2**	NA	CH2M
	01/20/2014	**3.5**	**3.3**	NA	CH2M
	04/18/2014	**3.5**	**3.4**	NA	CH2M
	07/23/2014	**3.5**	**3.5**	NA	CH2M
	10/08/2014	**3.3**	**3.5**	NA	CH2M
	01/14/2015	**3.3**	**3.6**	NA	CH2M
	04/03/2015	**3.6**	**3.5**	NA	CH2M
	07/08/2015	**3.7**	**3.6**	NA	CH2M
	10/12/2015	**3.5**	**3.5**	NA	Arcadis
	10/12/2016	**3.6**	**3.4**	NA	Arcadis
	04/04/2017	**3.3**	**3.5**	NA	Arcadis
	10/04/2017	**3.8**	**3.4**	NA	Arcadis
	10/09/2018	**3.3**	**3.3**	NA	Arcadis
	10/09/2019	**3.4**	**3.2**	NA	Arcadis
No. of Samples:	22				
MW-141D	09/11/2013	ND (1.0)	ND (0.06)	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-141D	10/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	**0.65**	NA	CH2M
	04/18/2014	ND (1.0)	**0.68**	NA	CH2M
	07/23/2014	ND (1.0)	**0.07**	NA	CH2M
	10/08/2014	ND (1.0)	**0.69**	NA	CH2M
	10/08/2014*	ND (1.0)	**0.72**	NA	CH2M
	01/14/2015	ND (1.0)	**0.92**	NA	CH2M
	04/03/2015	ND (1.0)	**1.2**	NA	CH2M
	07/08/2015	ND (1.0)	**0.34**	NA	CH2M
	10/12/2015	ND (1.0)	ND (0.33)	NA	Arcadis
	10/12/2015*	ND (1.0)	**1.3**	NA	Arcadis
	10/12/2016	ND (1.0)	**0.21**	NA	Arcadis
	10/04/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/04/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	17				
MW-141S1	09/11/2013	**3.5**	**3.6**	NA	CH2M
	10/11/2013	**2.3**	**2.3**	NA	CH2M
	10/11/2013*	**2.4**	**2.3**	NA	CH2M
	01/20/2014	**3.2**	**2.8**	NA	CH2M
	04/18/2014	**3.6**	**3.8**	NA	CH2M
	07/23/2014	**4.0**	**3.4**	NA	CH2M
	10/08/2014	**3.4**	**3.4**	NA	CH2M
	01/14/2015	**3.5**	**3.5**	NA	CH2M
	04/03/2015	**3.3**	**3.1**	NA	CH2M
	07/08/2015	**3.4**	**3.6**	NA	CH2M
	10/12/2015	**3.5**	**3.5**	NA	Arcadis
	04/08/2016	**4.1**	**2.9**	NA	Arcadis
	05/31/2016	**3.3**	**3.6**	NA	Arcadis
	10/12/2016	**3.4**	**3.4**	NA	Arcadis
	10/04/2017	**7.2**	**3.2**	NA	Arcadis
	11/30/2017	**3.7**	**3.7**	NA	Arcadis
	10/08/2018	**3.7**	**3.4**	NA	Arcadis
	10/09/2019	**4.2**	**3.5**	NA	Arcadis
No. of Samples:	18				
MW-141S2	09/11/2013	**3.5**	**3.5**	NA	CH2M
	10/11/2013	**3.5**	**3.7**	NA	CH2M
	01/20/2014	**4.0**	**3.8**	NA	CH2M
	04/18/2014	**4.0**	**4.2**	NA	CH2M
	07/23/2014	**4.5**	**4.0**	NA	CH2M
	10/08/2014	**3.8**	**4.1**	NA	CH2M
	01/14/2015	**4.0**	**4.2**	NA	CH2M
	04/03/2015	**4.2**	**4.0**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-141S2	07/08/2015	**3.8**	**4.1**	NA	CH2M
	07/08/2015*	**3.9**	**4.2**	NA	CH2M
	10/12/2015	**3.9**	**4.1**	NA	Arcadis
	01/05/2016	**4.9**	**4.2**	NA	Arcadis
	04/08/2016	**5.0**	**3.8**	NA	Arcadis
	05/31/2016	**4.0**	**4.1**	NA	Arcadis
	07/12/2016	**4.9**	**4.1**	NA	Arcadis
	10/12/2016	**4.1**	**4.0**	NA	Arcadis
	10/12/2016*	**4.0**	**4.0**	NA	Arcadis
	04/04/2017	**3.9**	**4.0**	NA	Arcadis
	10/04/2017	**4.5**	**3.9**	NA	Arcadis
	04/04/2018	**4.0**	**4.1**	NA	Arcadis
	10/08/2018	**4.1**	**4.0**	NA	Arcadis
	04/03/2019	**4.7**	**4.0**	NA	Arcadis
	10/09/2019	**3.9**	**3.9**	NA	Arcadis
	04/24/2020	**4.4**	**4.1**	NA	Arcadis
No. of Samples:	24				
MW-142S1	01/26/2012	**7.2**	**6.9**	NA	CH2M
	02/23/2012	**8.6**	**8.1**	NA	CH2M
	03/13/2012	**8.3**	**8.2**	NA	CH2M
	04/24/2012	**9.8**	**9.0**	NA	CH2M
	04/24/2012*	**9.3**	**9.0**	NA	CH2M
	07/30/2012	**9.4**	**8.5**	NA	CH2M
	07/30/2012*	**9.1**	**8.5**	NA	CH2M
	10/12/2012	**7.2**	**6.6**	NA	CH2M
	01/22/2013	**7.1**	**6.6**	NA	CH2M
	04/10/2013	**7.2**	**6.6**	NA	CH2M
	07/15/2013	**5.9**	**5.0**	NA	CH2M
	10/14/2013	**5.7**	**5.8**	NA	CH2M
	01/21/2014	**6.3**	**5.7**	NA	CH2M
	01/21/2014*	**6.4**	**5.7**	NA	CH2M
	04/18/2014	**6.1**	**6.4**	NA	CH2M
	07/15/2014	**5.7**	**5.7**	NA	CH2M
	10/09/2014	**4.7**	**5.1**	NA	CH2M
	01/14/2015	**5.3**	**5.2**	NA	CH2M
	04/03/2015	**5.9**	**5.1**	NA	CH2M
	07/09/2015	**5.8**	**5.0**	NA	CH2M
	10/16/2015	**6.2**	**5.7**	NA	Arcadis
	01/05/2016	**5.3**	**5.2**	NA	Arcadis
	04/05/2016	**4.1**	**3.8**	NA	Arcadis
	07/12/2016	**4.4**	**4.5**	NA	Arcadis
	10/12/2016	**4.6**	**4.4**	NA	Arcadis
	04/06/2017	**4.1**	**4.0**	NA	Arcadis
	10/18/2017	**3.9**	**3.5**	NA	Arcadis
	10/08/2018	**3.7**	**2.8**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-142S1	10/09/2019	**3.4**	**2.7**	NA	Arcadis
	10/09/2019*	**3.1**	**2.6**	NA	Arcadis
No. of Samples:	30				
MW-142S2	01/26/2012	**2.4**	**2.0**	NA	CH2M
	02/23/2012	**2.7**	**2.3**	NA	CH2M
	02/23/2012*	**2.6**	**2.4**	NA	CH2M
	03/13/2012	**2.5**	**2.4**	NA	CH2M
	04/24/2012	**1.9**	**1.3**	NA	CH2M
	07/30/2012	**1.3**	**0.93**	NA	CH2M
	10/12/2012	**1.9**	**1.8**	NA	CH2M
	01/22/2013	**2.3**	**2.1**	NA	CH2M
	04/10/2013	**2.4**	**2.0**	NA	CH2M
	07/15/2013	**2.6**	**2.4**	NA	CH2M
	10/14/2013	**2.6**	**2.3**	NA	CH2M
	01/20/2014	**2.5**	**2.5**	NA	CH2M
	04/18/2014	**2.8**	**2.8**	NA	CH2M
	07/15/2014	**2.8**	**2.8**	NA	CH2M
	10/08/2014	**3.2**	**3.1**	NA	CH2M
	01/14/2015	**3.0**	**2.9**	NA	CH2M
	04/03/2015	**3.3**	**3.2**	NA	CH2M
	07/09/2015	**3.3**	**3.2**	NA	CH2M
	10/16/2015	**3.0**	**3.0**	NA	Arcadis
	04/05/2016	**3.5**	**3.1**	NA	Arcadis
	10/12/2016	**3.1**	**3.0**	NA	Arcadis
	02/02/2017	**3.3**	**2.9**	NA	Arcadis
	04/06/2017	**3.0**	**2.8**	NA	Arcadis
	07/12/2017	**2.8**	**3.0**	NA	Arcadis
	10/18/2017	3.2 J	**3.1**	NA	Arcadis
	04/04/2018	**3.2**	**3.3**	NA	Arcadis
	10/08/2018	**3.3**	**2.9**	NA	Arcadis
	04/03/2019	**3.3**	**3.2**	NA	Arcadis
	10/09/2019	**3.1**	**2.6**	NA	Arcadis
No. of Samples:	29				
MW-142S3	01/26/2012	**3.1**	**2.8**	NA	CH2M
	02/23/2012	**3.2**	**3.0**	NA	CH2M
	03/13/2012	**3.1**	**3.0**	NA	CH2M
	04/24/2012	**3.4**	**2.9**	NA	CH2M
	07/30/2012	**4.0**	**3.5**	NA	CH2M
	10/08/2012	**3.4**	**3.4**	NA	CH2M
	01/22/2013	**2.4**	**2.1**	NA	CH2M
	04/10/2013	**3.0**	**2.8**	NA	CH2M
	07/15/2013	**3.1**	**2.8**	NA	CH2M
	10/14/2013	**3.0**	**2.7**	NA	CH2M
	01/20/2014	**3.6**	**2.7**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-142S3	04/18/2014	**2.8**	**2.9**	NA	CH2M
	07/15/2014	**2.9**	**2.8**	NA	CH2M
	10/08/2014	**2.8**	**2.7**	NA	CH2M
	01/14/2015	**2.8**	**2.9**	NA	CH2M
	04/03/2015	**2.9**	**2.9**	NA	CH2M
	04/03/2015*	**2.9**	**2.9**	NA	CH2M
	07/09/2015	**3.1**	**2.9**	NA	CH2M
	10/16/2015	**2.9**	**2.9**	NA	Arcadis
	10/12/2016	**3.4**	**2.7**	NA	Arcadis
	10/18/2017	**2.9**	**2.9**	NA	Arcadis
	10/08/2018	**3.1**	**2.7**	NA	Arcadis
	10/09/2019	**3.0**	**2.8**	NA	Arcadis
	04/07/2020	**2.6**	**2.6**	NA	Arcadis
No. of Samples:	24				
MW-143D1	12/07/2011	**2.0**	**2.0**	NA	CH2M
	01/26/2012	**3.4**	**2.4**	NA	CH2M
	02/23/2012	**2.9**	**2.6**	NA	CH2M
	04/24/2012	**4.4**	**3.5**	NA	CH2M
	07/20/2012	**3.7**	**3.4**	NA	CH2M
	10/09/2012	**3.2**	**3.1**	NA	CH2M
	10/09/2012*	**3.3**	**2.9**	NA	CH2M
	01/16/2013	**3.2**	**2.8**	NA	CH2M
	04/09/2013	**2.7**	**2.6**	NA	CH2M
	07/15/2013	**4.7**	**3.5**	NA	CH2M
	10/18/2013	**2.3**	**2.2**	NA	CH2M
	01/23/2014	**2.3**	**2.2**	NA	CH2M
	04/08/2014	**2.2**	**2.3**	NA	CH2M
	07/14/2014	**2.0**	**2.0**	NA	CH2M
	10/13/2014	**2.2**	**2.1**	NA	CH2M
	01/16/2015	**2.0**	**2.2**	NA	CH2M
	01/16/2015*	**2.1**	**2.1**	NA	CH2M
	04/13/2015	**1.9**	**2.1**	NA	CH2M
	07/14/2015	**2.1**	**2.1**	NA	CH2M
	10/12/2015	**2.3**	**2.0**	NA	Arcadis
No. of Samples:	20				
MW-143D2	12/07/2011	**2.0**	**2.2**	NA	CH2M
	01/26/2012	**2.6**	**2.2**	NA	CH2M
	02/23/2012	**2.1**	**1.8**	NA	CH2M
	04/24/2012	**2.2**	**1.6**	NA	CH2M
	07/20/2012	**2.1**	**1.5**	NA	CH2M
	10/12/2012	**2.3**	**1.6**	NA	CH2M
	01/16/2013	**2.0**	**1.6**	NA	CH2M
	04/09/2013	**1.7**	**1.5**	NA	CH2M
	07/15/2013	**2.2**	**1.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-143D2	10/18/2013	**1.4**	**1.5**	NA	CH2M
	01/23/2014	**1.6**	**1.4**	NA	CH2M
	04/08/2014	**1.6**	**1.6**	NA	CH2M
	07/14/2014	**1.4**	**1.4**	NA	CH2M
	10/13/2014	**1.6**	**1.4**	NA	CH2M
	01/16/2015	**1.7**	**1.6**	NA	CH2M
	04/13/2015	**1.4**	**1.5**	NA	CH2M
	07/14/2015	**1.4**	**1.3**	NA	CH2M
	10/12/2015	**1.6**	**1.4**	NA	Arcadis
	04/08/2016	**1.8**	**1.6**	NA	Arcadis
	07/13/2016	**1.8**	**1.6**	NA	Arcadis
	10/31/2016	**1.6**	**1.4**	NA	Arcadis
	01/06/2017	**1.7**	**1.5**	NA	Arcadis
	04/13/2017	**1.8**	**1.6**	NA	Arcadis
	07/20/2017	**1.8**	**1.6**	NA	Arcadis
	10/16/2017	**1.7**	**1.6**	NA	Arcadis
	01/16/2018	**1.8**	**1.6**	NA	Arcadis
No. of Samples:	26				
MW-143S	12/07/2011	**8.2**	**8.3**	NA	CH2M
	12/14/2011	**6.7**	**6.6**	NA	CH2M
	01/26/2012	**5.7**	**4.5**	NA	CH2M
	02/23/2012	**4.0**	**3.8**	NA	CH2M
	04/24/2012	**4.0**	**3.0**	NA	CH2M
	07/20/2012	**3.6**	**3.0**	NA	CH2M
	10/12/2012	**3.5**	**3.2**	NA	CH2M
	01/16/2013	**4.0**	**3.1**	NA	CH2M
	04/09/2013	**3.2**	**3.0**	NA	CH2M
	07/15/2013	**4.2**	**3.0**	NA	CH2M
	10/18/2013	**3.2**	**2.7**	NA	CH2M
	01/23/2014	**3.0**	**2.6**	NA	CH2M
	04/08/2014	**2.9**	**3.0**	NA	CH2M
	07/14/2014	**2.8**	**2.8**	NA	CH2M
	10/13/2014	**3.4**	**2.5**	NA	CH2M
	01/16/2015	**3.4**	**2.9**	NA	CH2M
	04/13/2015	**2.9**	**2.9**	NA	CH2M
	07/14/2015	**2.7**	**2.8**	NA	CH2M
	10/12/2015	**3.8**	**2.5**	NA	Arcadis
	12/09/2015	**11**	**3.1**	NA	Arcadis
	04/08/2016	**3.2**	**3.4**	NA	Arcadis
	07/13/2016	**3.5**	**3.4**	NA	Arcadis
	11/01/2016	**3.4**	**3.6**	NA	Arcadis
	01/11/2017	**3.8**	**3.6**	NA	Arcadis
	04/13/2017	**3.6**	**3.9**	NA	Arcadis
	07/20/2017	**3.4**	**4.0**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	26				
MW-144D1	12/08/2011	**2.3**	**2.0**	NA	CH2M
	01/26/2012	**1.2**	**1.0**	NA	CH2M
	02/24/2012	ND (1.0)	**0.5**	NA	CH2M
	04/26/2012	ND (1.0)	**0.39**	NA	CH2M
	07/13/2012	ND (1.0)	**0.3**	NA	CH2M
	10/11/2012	ND (1.0)	**0.31**	NA	CH2M
	01/29/2013	ND (1.0)	**0.55**	NA	CH2M
	04/11/2013	ND (1.0)	**0.53**	NA	CH2M
	07/15/2013	ND (1.0)	**0.32**	NA	CH2M
	10/18/2013	ND (1.0)	**0.51**	NA	CH2M
	01/23/2014	ND (1.0)	**0.49**	NA	CH2M
	04/08/2014	ND (1.0)	**0.62**	NA	CH2M
	07/14/2014	ND (1.0)	**0.7**	NA	CH2M
	10/13/2014	ND (1.0)	**0.59**	NA	CH2M
	10/13/2014*	**1.0**	**0.6**	NA	CH2M
	01/13/2015	ND (1.0)	**0.56**	NA	CH2M
	04/13/2015	ND (1.0)	**0.65**	NA	CH2M
	07/14/2015	ND (1.0)	**0.67**	NA	CH2M
	10/12/2015	ND (1.0)	**0.67**	NA	Arcadis
	10/12/2015*	ND (1.0)	**0.6**	NA	Arcadis
No. of Samples:	20				
MW-144D2	12/08/2011	ND (1.0)	**0.74**	NA	CH2M
	01/26/2012	**1.4**	**0.6**	NA	CH2M
	02/24/2012	ND (1.0)	**0.6**	NA	CH2M
	04/26/2012	ND (1.0)	**0.6**	NA	CH2M
	07/20/2012	**1.4**	**0.52**	NA	CH2M
	10/11/2012	ND (1.0)	**0.56**	NA	CH2M
	01/24/2013	ND (1.0)	**0.58**	NA	CH2M
	04/11/2013	ND (1.0)	**0.6**	NA	CH2M
	07/15/2013	ND (1.0)	**0.54**	NA	CH2M
	10/18/2013	ND (1.0)	**0.5**	NA	CH2M
	01/23/2014	ND (1.0)	**0.51**	NA	CH2M
	04/08/2014	ND (1.0)	**0.65**	NA	CH2M
	07/14/2014	ND (1.0)	**0.6**	NA	CH2M
	10/13/2014	ND (1.0)	**0.57**	NA	CH2M
	01/13/2015	ND (1.0)	**0.53**	NA	CH2M
	04/13/2015	ND (1.0)	**0.27**	NA	CH2M
	07/14/2015	ND (1.0)	**0.59**	NA	CH2M
	10/12/2015	ND (1.0)	**0.51**	NA	Arcadis
No. of Samples:	18				
MW-144S	12/08/2011	**1.6**	**1.6**	NA	CH2M
	01/26/2012	**1.9**	**0.85**	NA	CH2M
	02/24/2012	ND (1.0)	**0.83**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-144S	04/26/2012	ND (1.0)	**1.1**	NA	CH2M
	07/20/2012	**1.9**	**1.4**	NA	CH2M
	10/11/2012	**1.2**	**1.1**	NA	CH2M
	01/24/2013	**1.0**	**1.0**	NA	CH2M
	04/11/2013	ND (1.0)	**0.96**	NA	CH2M
	07/15/2013	**1.1**	**0.88**	NA	CH2M
	10/18/2013	**1.3**	**1.1**	NA	CH2M
	01/23/2014	**1.0**	**0.92**	NA	CH2M
	04/08/2014	**1.1**	**0.97**	NA	CH2M
	07/14/2014	**1.1**	**1.1**	NA	CH2M
	10/06/2014	**1.4**	**1.4**	NA	CH2M
	01/13/2015	**1.3**	**1.1**	NA	CH2M
	04/13/2015	ND (1.0)	**0.94**	NA	CH2M
	07/14/2015	ND (1.0)	**0.86**	NA	CH2M
	10/12/2015	ND (1.0)	**0.88**	NA	Arcadis
No. of Samples:	18				
MW-145D1	12/06/2011	**3.0**	**2.8**	NA	CH2M
	01/26/2012	**2.4**	**2.1**	NA	CH2M
	02/24/2012	**2.4**	**2.4**	NA	CH2M
	04/24/2012	**2.6**	**2.5**	NA	CH2M
	07/30/2012	**1.7**	**1.2**	NA	CH2M
	10/16/2012	**3.0**	**2.2**	NA	CH2M
	01/24/2013	**2.8**	**2.3**	NA	CH2M
	04/01/2013	**2.4**	**2.5**	NA	CH2M
	07/10/2013	**2.6**	**2.7**	NA	CH2M
	07/10/2013*	**2.7**	**2.7**	NA	CH2M
	10/09/2013	**2.5**	**2.5**	NA	CH2M
	01/13/2014	**3.1**	**2.5**	NA	CH2M
	04/08/2014	**2.9**	**2.7**	NA	CH2M
	07/14/2014	**3.1**	**2.9**	NA	CH2M
	10/13/2014	**2.8**	**2.7**	NA	CH2M
	01/14/2015	**2.6**	**2.7**	NA	CH2M
	04/13/2015	**3.1**	**3.1**	NA	CH2M
	07/14/2015	**3.0**	**3.1**	NA	CH2M
	07/14/2015*	**3.2**	**3.1**	NA	CH2M
	10/07/2015	**2.9**	**3.0**	NA	Arcadis
No. of Samples:	20				
MW-145D2	12/06/2011	ND (1.0)	ND (0.092)	NA	CH2M
	01/26/2012	ND (1.0)	ND (0.06)	NA	CH2M
	02/24/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/09/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-145D2	01/29/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.07)	NA	CH2M
	10/09/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/13/2014	ND (1.0)	ND (0.061)	NA	CH2M
	01/14/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/14/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	19				
MW-145S	12/06/2011	**2.9**	**1.6**	NA	CH2M
	01/26/2012	**5.5**	**4.5**	NA	CH2M
	02/24/2012	**4.1**	**3.8**	NA	CH2M
	04/25/2012	**4.0**	**3.3**	NA	CH2M
	04/25/2012*	**4.0**	**3.3**	NA	CH2M
	07/30/2012	**3.2**	**2.9**	NA	CH2M
	10/16/2012	**3.3**	**2.5**	NA	CH2M
	01/24/2013	**3.5**	**3.5**	NA	CH2M
	04/08/2013	**1.0**	**0.92**	NA	CH2M
	06/04/2013	**3.0**	**3.4**	NA	CH2M
	07/31/2013	**3.8**	**3.1**	NA	CH2M
	10/18/2013	**3.1**	**2.9**	NA	CH2M
	01/23/2014	**3.1**	**2.9**	NA	CH2M
	04/08/2014	**3.9**	**3.2**	NA	CH2M
	04/08/2014*	**3.7**	**3.2**	NA	CH2M
	07/14/2014	**3.5**	**3.0**	NA	CH2M
	10/13/2014	**3.3**	**3.1**	NA	CH2M
	01/14/2015	**3.2**	**3.3**	NA	CH2M
	04/13/2015	**3.2**	**3.1**	NA	CH2M
	07/14/2015	**3.3**	**3.2**	NA	CH2M
	10/07/2015	**2.7**	**2.4**	NA	Arcadis
	01/13/2016	**7.7**	**6.1**	NA	Arcadis
	03/01/2016	**3.4**	**3.3**	NA	Arcadis
	04/08/2016	**3.0**	**2.7**	NA	Arcadis
	07/13/2016	**3.1**	**2.8**	NA	Arcadis
	10/31/2016	**3.6**	**3.1**	NA	Arcadis
	01/06/2017	**6.9**	**3.2**	NA	Arcadis
	03/06/2017	**3.2**	**2.5**	NA	Arcadis
	04/13/2017	**2.9**	**2.8**	NA	Arcadis
	01/17/2018	**2.7**	**2.4**	NA	Arcadis
No. of Samples:	30				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-146D1	12/13/2011	**2.2**	**1.9**	NA	CH2M
	01/26/2012	**1.7**	**1.8**	NA	CH2M
	02/24/2012	**1.6**	**1.6**	NA	CH2M
	04/25/2012	**2.0**	**1.4**	NA	CH2M
	07/30/2012	**1.3**	**1.2**	NA	CH2M
	10/12/2012	**2.6**	**1.2**	NA	CH2M
	01/24/2013	**1.8**	**1.5**	NA	CH2M
	04/11/2013	**1.5**	**1.4**	NA	CH2M
	07/30/2013	**1.6**	**1.3**	NA	CH2M
	10/18/2013	**1.8**	**1.2**	NA	CH2M
	01/23/2014	**1.6**	**1.4**	NA	CH2M
	04/08/2014	**1.7**	**1.6**	NA	CH2M
	07/14/2014	**1.7**	**1.2**	NA	CH2M
	10/13/2014	**1.4**	**1.4**	NA	CH2M
	01/14/2015	**1.5**	**1.5**	NA	CH2M
	04/13/2015	**1.6**	**1.3**	NA	CH2M
	07/14/2015	**1.5**	**1.4**	NA	CH2M
	10/07/2015	**1.7**	**1.4**	NA	Arcadis
	04/12/2017	**1.9**	**1.4**	NA	Arcadis
	07/20/2017	**1.5**	**1.3**	NA	Arcadis
	10/16/2017	**1.6**	**1.5**	NA	Arcadis
	01/17/2018	**2.4**	**1.3**	NA	Arcadis
	03/06/2018	**1.5**	**1.3**	NA	Arcadis
No. of Samples:	23				
MW-146D2	12/13/2011	**3.0**	**2.6**	NA	CH2M
	01/26/2012	**2.5**	**2.4**	NA	CH2M
	02/24/2012	**2.4**	**2.4**	NA	CH2M
	04/25/2012	**2.7**	**2.3**	NA	CH2M
	07/30/2012	**2.7**	**2.2**	NA	CH2M
	10/12/2012	**2.5**	**2.1**	NA	CH2M
	01/24/2013	**2.7**	**2.3**	NA	CH2M
	04/11/2013	**2.3**	**2.3**	NA	CH2M
	07/30/2013	**2.5**	**2.1**	NA	CH2M
	10/18/2013	**2.5**	**2.0**	NA	CH2M
	01/23/2014	**2.2**	**2.2**	NA	CH2M
	04/08/2014	**2.6**	**2.3**	NA	CH2M
	07/14/2014	**2.5**	**2.3**	NA	CH2M
	07/14/2014*	**2.4**	**2.2**	NA	CH2M
	10/13/2014	**2.2**	**2.2**	NA	CH2M
	01/14/2015	**2.3**	**2.4**	NA	CH2M
	04/13/2015	**2.5**	**2.3**	NA	CH2M
	07/14/2015	**2.4**	**2.3**	NA	CH2M
	10/07/2015	**2.4**	**2.3**	NA	Arcadis
No. of Samples:	19				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-146S	12/13/2011	**1.9**	**1.5**	NA	CH2M
	01/26/2012	**1.1**	**0.92**	NA	CH2M
	02/24/2012	**1.1**	**1.0**	NA	CH2M
	04/25/2012	**1.4**	**1.1**	NA	CH2M
	07/30/2012	**1.2**	**1.1**	NA	CH2M
	10/12/2012	**1.2**	**1.0**	NA	CH2M
	01/24/2013	**1.1**	**0.88**	NA	CH2M
	04/11/2013	ND (1.0)	**0.98**	NA	CH2M
	07/31/2013	**1.7**	**1.3**	NA	CH2M
	10/18/2013	**1.5**	**1.2**	NA	CH2M
	10/18/2013*	**1.5**	**1.2**	NA	CH2M
	01/23/2014	**1.0**	**0.93**	NA	CH2M
	04/08/2014	**1.2**	**1.2**	NA	CH2M
	07/14/2014	**1.7**	**1.5**	NA	CH2M
	10/13/2014	**1.1**	**1.2**	NA	CH2M
	01/14/2015	ND (1.0)	**1.1**	NA	CH2M
	01/14/2015*	**1.0**	**1.0**	NA	CH2M
	04/13/2015	**1.4**	**1.2**	NA	CH2M
	07/14/2015	**1.5**	**1.5**	NA	CH2M
	10/07/2015	**1.3**	**1.1**	NA	Arcadis
	04/12/2017	**3.0**	**2.5**	NA	Arcadis
	07/20/2017	**1.8**	**1.8**	NA	Arcadis
No. of Samples:	22				
MW-147D	12/21/2011	**1.6**	**1.4**	NA	CH2M
	01/26/2012	**2.5**	**1.2**	NA	CH2M
	01/26/2012*	**2.1**	**1.2**	NA	CH2M
	02/23/2012	**1.6**	**1.2**	NA	CH2M
	04/25/2012	**1.7**	**1.3**	NA	CH2M
	07/26/2012	**1.4**	**1.2**	NA	CH2M
	10/12/2012	**2.3**	**1.2**	NA	CH2M
	01/22/2013	**1.6**	**1.4**	NA	CH2M
	04/04/2013	**1.8**	**1.3**	NA	CH2M
	07/11/2013	**1.8**	**1.4**	NA	CH2M
	10/09/2013	**1.6**	**1.5**	NA	CH2M
	01/22/2014	**1.7**	**1.4**	NA	CH2M
	01/22/2014*	**1.8**	**1.4**	NA	CH2M
	04/02/2014	**2.4**	**1.7**	NA	CH2M
	07/08/2014	**2.1**	**1.6**	NA	CH2M
	10/15/2014	**2.1**	**1.8**	NA	CH2M
	01/21/2015	**2.6**	**1.8**	NA	CH2M
	04/09/2015	**2.0**	**1.9**	NA	CH2M
	07/15/2015	**2.0**	**2.0**	NA	CH2M
	10/19/2015	**2.1**	**2.1**	NA	Arcadis
	04/19/2016	**2.1**	**2.0**	NA	Arcadis
	04/19/2016*	**1.9**	**2.0**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-147D	10/17/2016	**2.0**	**2.0**	NA	Arcadis
	04/13/2017	**1.9**	**2.0**	NA	Arcadis
	10/11/2017	**1.8**	**1.6**	NA	Arcadis
	10/11/2017*	**1.7**	**1.6**	NA	Arcadis
	04/11/2018	**2.1**	**1.7**	NA	Arcadis
	10/15/2018	**2.3**	**1.9**	NA	Arcadis
	04/09/2019	**2.3**	**1.9**	NA	Arcadis
	10/17/2019	**2.5**	**1.8**	NA	Arcadis
	04/14/2020	**23**	ND (0.2)	NA	Arcadis
	06/04/2020	**2.0**	**1.7**	NA	Arcadis
No. of Samples:	32				
MW-147S	12/07/2011*	**1.9**	**2.0**	NA	CH2M
	12/13/2011	**2.2**	**2.1**	NA	CH2M
	12/13/2011*	**1.9**	**2.1**	NA	CH2M
	01/26/2012	**4.5**	**2.4**	NA	CH2M
	02/23/2012	**2.4**	**2.0**	NA	CH2M
	04/25/2012	**2.3**	**2.1**	NA	CH2M
	07/26/2012	**1.9**	**1.8**	NA	CH2M
	10/12/2012	**2.4**	**2.3**	NA	CH2M
	01/22/2013	**3.6**	**3.7**	NA	CH2M
	02/21/2013	**2.1**	**2.4**	NA	CH2M
	04/04/2013	**4.8**	**4.1**	NA	CH2M
	07/11/2013	**2.5**	**2.1**	NA	CH2M
	10/09/2013	**2.9**	**2.8**	NA	CH2M
	01/22/2014	**1.8**	**1.6**	NA	CH2M
	04/02/2014	**2.5**	**2.6**	NA	CH2M
	07/08/2014	**2.9**	**3.0**	NA	CH2M
	10/15/2014	**2.6**	**3.0**	NA	CH2M
	01/21/2015	**2.5**	**2.5**	NA	CH2M
	04/09/2015	**3.4**	**3.3**	NA	CH2M
	06/23/2015	**3.5**	**3.5**	NA	CH2M
	07/15/2015	**3.1**	**3.3**	NA	CH2M
	10/19/2015	**3.5**	**3.9**	NA	Arcadis
	01/13/2016	**2.1**	**2.2**	NA	Arcadis
	04/19/2016	**3.1**	**3.1**	NA	Arcadis
	07/20/2016	**2.6**	**2.2**	NA	Arcadis
	10/17/2016	**2.6**	**2.6**	NA	Arcadis
	04/11/2017	**3.0**	**3.1**	NA	Arcadis
	10/11/2017	**2.3**	**2.2**	NA	Arcadis
	04/11/2018	**2.4**	**2.1**	NA	Arcadis
	10/15/2018	**2.1**	**2.1**	NA	Arcadis
	04/09/2019	**3.2**	**2.1**	NA	Arcadis
	06/05/2019	**2.2**	**2.2**	NA	Arcadis
	10/17/2019	**2.4**	**2.1**	NA	Arcadis
	04/14/2020	**4.0**	**2.4**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-147S	06/05/2020	**2.4**	ND (2.1)	NA	Arcadis
No. of Samples:	35				
MW-148S	12/13/2011	**1.8**	**1.8**	NA	CH2M
	01/26/2012	**2.2**	**1.9**	NA	CH2M
	02/23/2012	**2.4**	**1.8**	NA	CH2M
	04/25/2012	**2.1**	**1.9**	NA	CH2M
	07/26/2012	**1.9**	**1.8**	NA	CH2M
	10/16/2012	**1.7**	**1.7**	NA	CH2M
	01/22/2013	**2.4**	**2.3**	NA	CH2M
	04/04/2013	**2.3**	**2.1**	NA	CH2M
	04/04/2013*	**2.5**	**2.0**	NA	CH2M
	07/11/2013	**2.4**	**1.9**	NA	CH2M
	10/09/2013	**2.2**	**2.3**	NA	CH2M
	01/24/2014	**1.9**	**2.0**	NA	CH2M
	04/02/2014	**2.1**	**2.1**	NA	CH2M
	07/08/2014	**2.3**	**2.2**	NA	CH2M
	10/15/2014	**2.1**	**2.0**	NA	CH2M
	10/15/2014*	**2.2**	**2.0**	NA	CH2M
	01/21/2015	**2.1**	**2.1**	NA	CH2M
	04/09/2015	**2.4**	**2.2**	NA	CH2M
	07/15/2015	**1.8**	**1.9**	NA	CH2M
	10/19/2015	**2.6**	**2.2**	NA	Arcadis
	10/19/2015*	**2.4**	**2.1**	NA	Arcadis
	04/19/2016	**2.0**	**2.0**	NA	Arcadis
	10/21/2016	**1.9**	**1.8**	NA	Arcadis
	04/12/2017	**2.0**	**2.1**	NA	Arcadis
	10/12/2017	**2.8**	**2.0**	NA	Arcadis
	04/11/2018	**3.3**	**2.0**	NA	Arcadis
	06/06/2018	**1.9**	**1.9**	NA	Arcadis
	10/15/2018	**2.1**	**2.0**	NA	Arcadis
	04/09/2019	**2.6**	**2.0**	NA	Arcadis
	04/09/2019*	**2.8**	**1.9**	NA	Arcadis
	10/17/2019	**1.7**	**1.7**	NA	Arcadis
	10/17/2019*	**1.9**	**1.7**	NA	Arcadis
	05/08/2020	**2.1**	**1.9**	NA	Arcadis
No. of Samples:	33				
MW-149S	01/31/2012	**1.4**	**1.5**	NA	CH2M
	02/24/2012	**1.6**	**1.3**	NA	CH2M
	02/24/2012*	**1.5**	**1.3**	NA	CH2M
	03/15/2012	**2.1**	**1.4**	NA	CH2M
	04/25/2012	**1.9**	**1.5**	NA	CH2M
	07/19/2012	**1.7**	**1.4**	NA	CH2M
	10/16/2012	**1.6**	**1.4**	NA	CH2M
	01/23/2013	**1.1**	**0.88**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-149S	04/16/2013	**1.5**	**1.4**	NA	CH2M
	07/16/2013	**2.0**	**1.2**	NA	CH2M
	10/17/2013	**1.5**	**1.4**	NA	CH2M
	01/15/2014	**1.8**	**1.3**	NA	CH2M
	04/03/2014	**1.7**	**1.5**	NA	CH2M
	07/14/2014	**1.6**	**1.6**	NA	CH2M
	10/15/2014	**1.4**	**1.5**	NA	CH2M
	01/07/2015	**1.4**	**1.6**	NA	CH2M
	04/10/2015	**1.7**	**1.5**	NA	CH2M
	04/10/2015*	**1.7**	**1.5**	NA	CH2M
	07/22/2015	**1.9**	**1.5**	NA	CH2M
	10/19/2015	**1.8**	**1.6**	NA	Arcadis
	04/06/2017	**2.0**	**1.5**	NA	Arcadis
	07/28/2017	**1.6**	**1.4**	NA	Arcadis
	10/16/2017	**1.6**	**1.6**	NA	Arcadis
	01/23/2018	**2.1**	**1.5**	NA	Arcadis
No. of Samples:	24				
MW-150S1	01/31/2012	**1.2**	**0.61**	NA	CH2M
	02/23/2012	**1.7**	**0.53**	NA	CH2M
	03/15/2012	**1.2**	**0.58**	NA	CH2M
	04/25/2012	**1.5**	**0.63**	NA	CH2M
	07/19/2012	ND (1.0)	**0.58**	NA	CH2M
	10/16/2012	ND (1.0)	**0.58**	NA	CH2M
	01/23/2013	**1.4**	**0.62**	NA	CH2M
	04/16/2013	**1.0**	**0.62**	NA	CH2M
	07/17/2013	**1.6**	**0.58**	NA	CH2M
	10/17/2013	ND (1.0)	**0.61**	NA	CH2M
	01/22/2014	**2.0**	**0.44**	NA	CH2M
	04/03/2014	ND (1.0)	**0.71**	NA	CH2M
	07/14/2014	ND (1.0)	**0.67**	NA	CH2M
	10/16/2014	ND (1.0)	**0.67**	NA	CH2M
	01/13/2015	ND (1.0)	**0.72**	NA	CH2M
	04/10/2015	**1.0**	**0.63**	NA	CH2M
	07/22/2015	ND (1.0)	**0.67**	NA	CH2M
	10/19/2015	**1.1**	**0.58**	NA	Arcadis
No. of Samples:	18				
MW-150S2	02/23/2012	ND (1.0)	ND (0.06)	NA	CH2M
	03/15/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/25/2012	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2013	ND (1.0)	ND (0.11)	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-150S2	10/03/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2013*	ND (1.0)	ND (0.13)	NA	CH2M
	01/13/2014	**1.3**	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	ND (0.096)	NA	CH2M
	07/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.1)	NA	CH2M
	01/13/2015	ND (1.0)	**0.066**	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.073)	NA	CH2M
	07/22/2015	ND (1.0)	**0.094**	NA	CH2M
	10/19/2015	ND (1.0)	ND (0.15)	NA	Arcadis
No. of Samples:	18				
MW-151D1	01/31/2012	**2.8**	**2.0**	NA	CH2M
	02/23/2012	**2.2**	**1.9**	NA	CH2M
	03/15/2012	**1.9**	**1.9**	NA	CH2M
	04/24/2012	**2.0**	**1.9**	NA	CH2M
	07/30/2012	**1.6**	**1.6**	NA	CH2M
	10/12/2012	**1.6**	**1.6**	NA	CH2M
	01/23/2013	**2.0**	**1.9**	NA	CH2M
	04/16/2013	**2.1**	**2.0**	NA	CH2M
	07/10/2013	**2.2**	**1.7**	NA	CH2M
	10/16/2013	**2.1**	**1.4**	NA	CH2M
	01/21/2014	**2.0**	**1.6**	NA	CH2M
	04/14/2014	**1.8**	ND (1.7)	NA	CH2M
	07/24/2014	**2.4**	**1.9**	NA	CH2M
	07/24/2014*	**2.2**	**1.9**	NA	CH2M
	10/10/2014	**1.7**	**1.7**	NA	CH2M
	01/21/2015	**1.6**	**1.5**	NA	CH2M
	04/08/2015	**1.6**	**1.5**	NA	CH2M
	07/13/2015	**1.5**	**1.7**	NA	CH2M
	10/13/2015	**2.9**	**2.6**	NA	Arcadis
No. of Samples:	19				
MW-151D2	01/31/2012	**1.7**	**1.6**	NA	CH2M
	02/23/2012	ND (1.0)	**0.69**	NA	CH2M
	03/15/2012	**2.0**	**1.8**	NA	CH2M
	04/24/2012	**2.6**	**1.9**	NA	CH2M
	07/30/2012	**2.0**	**1.6**	NA	CH2M
	10/12/2012	**1.5**	**1.4**	NA	CH2M
	01/23/2013	**2.5**	**2.2**	NA	CH2M
	04/15/2013	**2.3**	**2.0**	NA	CH2M
	07/10/2013	**2.7**	**1.8**	NA	CH2M
	10/16/2013	**3.0**	**2.3**	NA	CH2M
	01/21/2014	**3.1**	**2.0**	NA	CH2M
	04/14/2014	**2.7**	**2.6**	NA	CH2M
	07/24/2014	**2.9**	**2.4**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-151D2	10/10/2014	**2.6**	**2.6**	NA	CH2M
	01/21/2015	**3.1**	**2.6**	NA	CH2M
	04/08/2015	**2.8**	**2.4**	NA	CH2M
	07/13/2015	**3.7**	**2.6**	NA	CH2M
	10/13/2015	**1.7**	**1.4**	NA	Arcadis
No. of Samples:	18				
MW-151S	01/31/2012	**3.0**	**3.0**	NA	CH2M
	02/23/2012	**4.1**	**3.7**	NA	CH2M
	03/16/2012	**4.2**	**4.0**	NA	CH2M
	03/16/2012*	**4.4**	**4.0**	NA	CH2M
	04/24/2012	**3.9**	**3.8**	NA	CH2M
	04/24/2012*	**3.9**	**3.8**	NA	CH2M
	07/30/2012	**3.1**	**3.7**	NA	CH2M
	10/12/2012	**2.5**	**2.6**	NA	CH2M
	10/12/2012*	**2.5**	**2.6**	NA	CH2M
	01/23/2013	**3.1**	**2.6**	NA	CH2M
	04/16/2013	**3.6**	**3.0**	NA	CH2M
	07/10/2013	**2.9**	**2.0**	NA	CH2M
	10/16/2013	**2.0**	**1.4**	NA	CH2M
	10/16/2013*	**2.0**	**1.2**	NA	CH2M
	01/21/2014	**3.2**	**2.1**	NA	CH2M
	04/14/2014	**3.5**	**3.0**	NA	CH2M
	07/24/2014	**3.0**	**2.5**	NA	CH2M
	10/10/2014	**2.7**	**2.6**	NA	CH2M
	01/21/2015	**2.8**	**2.2**	NA	CH2M
	04/08/2015	**2.2**	**1.9**	NA	CH2M
	07/13/2015	**1.9**	**1.6**	NA	CH2M
	07/13/2015*	**2.0**	**1.7**	NA	CH2M
	10/13/2015	**2.2**	**1.5**	NA	Arcadis
No. of Samples:	23				
MW-152D1	01/31/2012	**1.2**	**0.63**	NA	CH2M
	02/23/2012	**1.2**	**0.91**	NA	CH2M
	03/16/2012	**2.2**	**1.9**	NA	CH2M
	04/24/2012	**2.6**	**2.1**	NA	CH2M
	07/18/2012	**1.1**	ND (0.06)	NA	CH2M
	10/03/2012	**2.4**	**2.1**	NA	CH2M
	01/23/2013	ND (1.0)	**0.58**	NA	CH2M
	01/23/2013*	**1.0**	**0.6**	NA	CH2M
	04/15/2013	**1.0**	**0.59**	NA	CH2M
	07/10/2013	ND (1.0)	**0.21**	NA	CH2M
	10/16/2013	**2.5**	**2.0**	NA	CH2M
	01/21/2014	**1.0**	**0.12**	NA	CH2M
	04/18/2014	ND (1.0)	**0.59**	NA	CH2M
	07/24/2014	**1.5**	**0.97**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-152D1	10/10/2014	**1.9**	**1.8**	NA	CH2M
	01/20/2015	**1.3**	**1.3**	NA	CH2M
	04/08/2015	**1.5**	**1.3**	NA	CH2M
	07/13/2015	**1.5**	**1.6**	NA	CH2M
	10/13/2015	ND (1.0)	**0.34**	NA	Arcadis
No. of Samples:	19				
MW-152D2	01/31/2012	**1.2**	**1.1**	NA	CH2M
	02/23/2012	ND (1.0)	**0.76**	NA	CH2M
	02/23/2012*	**1.2**	**0.79**	NA	CH2M
	03/16/2012	**1.2**	**1.1**	NA	CH2M
	04/24/2012	**1.4**	**1.1**	NA	CH2M
	07/18/2012	**1.4**	**0.74**	NA	CH2M
	10/16/2012	**1.2**	**0.95**	NA	CH2M
	01/23/2013	**1.3**	**1.2**	NA	CH2M
	04/15/2013	**1.3**	**1.2**	NA	CH2M
	07/10/2013	**1.7**	**1.2**	NA	CH2M
	10/16/2013	**1.7**	**1.4**	NA	CH2M
	01/21/2014	**1.8**	**1.2**	NA	CH2M
	04/18/2014	**1.5**	**1.4**	NA	CH2M
	07/24/2014	**1.6**	**1.3**	NA	CH2M
	10/10/2014	**1.3**	**1.5**	NA	CH2M
	01/20/2015	**1.7**	**1.5**	NA	CH2M
	04/08/2015	**1.6**	**1.4**	NA	CH2M
	07/13/2015	**1.4**	**1.5**	NA	CH2M
	10/13/2015	**1.4**	**1.4**	NA	Arcadis
No. of Samples:	19				
MW-152S	01/31/2012	**1.8**	**1.6**	NA	CH2M
	02/23/2012	**3.8**	**3.2**	NA	CH2M
	03/16/2012	**2.9**	**2.9**	NA	CH2M
	04/24/2012	**3.2**	**2.9**	NA	CH2M
	04/24/2012*	**3.0**	**2.9**	NA	CH2M
	07/18/2012	**3.0**	**2.6**	NA	CH2M
	10/03/2012	**3.3**	**3.3**	NA	CH2M
	01/23/2013	**3.0**	**2.8**	NA	CH2M
	04/15/2013	**2.9**	**2.7**	NA	CH2M
	07/10/2013	**4.0**	**3.1**	NA	CH2M
	07/10/2013*	**3.9**	**3.0**	NA	CH2M
	10/16/2013	**3.6**	**3.1**	NA	CH2M
	01/21/2014	**3.2**	**2.5**	NA	CH2M
	04/18/2014	**3.5**	**3.4**	NA	CH2M
	07/24/2014	**3.7**	**2.9**	NA	CH2M
	10/10/2014	**2.7**	**3.0**	NA	CH2M
	10/10/2014*	**2.8**	**3.0**	NA	CH2M
	01/20/2015	**3.1**	**2.8**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-152S	04/08/2015	**3.1**	**2.9**	NA	CH2M
	07/13/2015	**2.3**	**2.2**	NA	CH2M
	10/13/2015	**2.1**	**2.3**	NA	Arcadis
	10/13/2015*	**2.0**	**2.3**	NA	Arcadis
No. of Samples:	22				
MW-153S	03/14/2012	**4.9**	**4.8**	NA	CH2M
	04/24/2012	**5.7**	**5.6**	NA	CH2M
	05/16/2012	**6.7**	**5.5**	NA	CH2M
	07/18/2012	**2.5**	**2.2**	NA	CH2M
	07/18/2012*	**2.3**	**2.2**	NA	CH2M
	10/16/2012	**3.6**	**3.2**	NA	CH2M
	01/25/2013	**4.6**	**4.5**	NA	CH2M
	02/21/2013	**3.8**	**4.2**	NA	CH2M
	04/11/2013	**4.2**	**4.1**	NA	CH2M
	07/11/2013	**3.2**	**2.9**	NA	CH2M
	07/11/2013*	**3.2**	**2.9**	NA	CH2M
	10/17/2013	**7.7**	**7.6**	NA	CH2M
	01/22/2014	**4.0**	**3.7**	NA	CH2M
	04/02/2014	**3.8**	**4.0**	NA	CH2M
	07/08/2014	**4.5**	**4.2**	NA	CH2M
	10/15/2014	**4.4**	**2.9**	NA	CH2M
	01/20/2015	**5.4**	**5.1**	NA	CH2M
	01/20/2015*	**5.3**	**5.2**	NA	CH2M
	04/09/2015	**4.4**	**4.4**	NA	CH2M
	07/15/2015	**3.8**	**3.9**	NA	CH2M
	10/16/2015	**3.7**	**3.7**	NA	Arcadis
	01/11/2016	**5.3**	**4.1**	NA	Arcadis
	04/19/2016	**4.2**	**3.7**	NA	Arcadis
	07/20/2016	**3.6**	**3.3**	NA	Arcadis
	10/13/2016	**3.6**	**3.5**	NA	Arcadis
	10/13/2016*	**3.9**	**3.5**	NA	Arcadis
	01/31/2017	**2.3**	**2.0**	NA	Arcadis
	04/17/2017	**3.9**	**3.7**	NA	Arcadis
	07/24/2017	**4.1**	**3.6**	NA	Arcadis
	10/11/2017	**3.9**	**3.9**	NA	Arcadis
	01/23/2018	**7.1**	**3.4**	NA	Arcadis
	03/06/2018	**3.3**	**3.6**	NA	Arcadis
	04/11/2018	**4.1**	**3.3**	NA	Arcadis
	10/15/2018	**3.9**	**3.8**	NA	Arcadis
	04/08/2019	**2.8**	**2.5**	NA	Arcadis
	10/17/2019	**3.7**	**3.0**	NA	Arcadis
	12/05/2019	**2.5**	**2.7**	NA	Arcadis
	04/09/2020	**4.1**	**2.9**	NA	Arcadis
	06/05/2020	**3.9**	**3.6**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	39				
MW-154S1	03/28/2012	**11.5**	**10**	NA	CH2M
	05/09/2012	**15.4**	**14.1**	NA	CH2M
	06/04/2012	**12.9**	**12.1**	NA	CH2M
	08/08/2012	**11.5**	**10.2**	NA	CH2M
	11/09/2012	**21**	**22**	NA	CH2M
	02/07/2013	**15.2**	**12.2**	NA	CH2M
	04/18/2013	**19.4**	**19.6**	NA	CH2M
	08/07/2013	**12.6**	**9.6**	NA	CH2M
	10/17/2013	**17.1**	**17.9**	NA	CH2M
	01/24/2014	**14.8**	**17.1**	NA	CH2M
	04/18/2014	**15**	**16**	NA	CH2M
	04/18/2014*	**15**	**16**	NA	CH2M
	07/24/2014	**14**	**13**	NA	CH2M
	10/22/2014	**14**	**15**	NA	CH2M
	01/21/2015	**11**	**12**	NA	CH2M
	04/02/2015	**9.7**	**8.4**	NA	CH2M
	07/23/2015	**11**	**11**	NA	CH2M
	10/22/2015	**10**	**11**	NA	Arcadis
	01/19/2016	**11**	**11**	NA	Arcadis
	04/19/2016	**9.9**	**11**	NA	Arcadis
	07/19/2016	**11**	**10**	NA	Arcadis
	10/19/2016	**8.9**	**8.7**	NA	Arcadis
	01/18/2017	**7.3**	**7.0**	NA	Arcadis
	01/18/2017*	**7.1**	**7.0**	NA	Arcadis
	04/20/2017	**8.6**	**9.4**	NA	Arcadis
	07/26/2017	**7.7**	**8.2**	NA	Arcadis
	10/16/2017	**7.2**	**5.7**	NA	Arcadis
	01/25/2018	**7.6**	**8.0**	NA	Arcadis
	04/17/2018	**7.7**	**7.4**	NA	Arcadis
	07/25/2018	**8.0**	**7.9**	NA	Arcadis
	10/19/2018	**7.0**	**7.2**	NA	Arcadis
	01/16/2019	**7.0**	**6.5**	NA	Arcadis
	04/15/2019	**6.8**	**6.4**	NA	Arcadis
	07/23/2019	**6.8**	**7.2**	NA	Arcadis
	10/25/2019	**7.4**	**7.1**	NA	Arcadis
	04/20/2020	**5.8**	**6.2**	NA	Arcadis
No. of Samples:	36				
MW-154S2	01/26/2012	**2.4**	**2.4**	NA	CH2M
	02/24/2012	**1.3**	**1.1**	NA	CH2M
	03/14/2012	**1.6**	**1.5**	NA	CH2M
	04/26/2012	**1.5**	**1.4**	NA	CH2M
	07/18/2012	**1.8**	**1.4**	NA	CH2M
	10/16/2012	**1.8**	**1.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-154S2	01/17/2013	**1.6**	**1.3**	NA	CH2M
	04/09/2013	**1.8**	**1.6**	NA	CH2M
	07/11/2013	**1.9**	**1.7**	NA	CH2M
	10/08/2013	**1.6**	**1.1**	NA	CH2M
	01/14/2014	**3.0**	**1.5**	NA	CH2M
	04/07/2014	**2.2**	**2.0**	NA	CH2M
	07/07/2014	**2.0**	**2.0**	NA	CH2M
	10/07/2014	**2.0**	**1.9**	NA	CH2M
	01/05/2015	**2.2**	**2.1**	NA	CH2M
	04/02/2015	**2.3**	**2.1**	NA	CH2M
	07/08/2015	**1.8**	**2.1**	NA	CH2M
	10/07/2015	**1.9**	**1.8**	NA	Arcadis
	01/05/2016	**1.9**	**1.7**	NA	Arcadis
	04/05/2016	**2.1**	**2.1**	NA	Arcadis
	07/05/2016	**2.1**	**2.0**	NA	Arcadis
	10/04/2016	**2.4**	**1.9**	NA	Arcadis
	01/04/2017	**2.3**	**2.0**	NA	Arcadis
	04/06/2017	**2.3**	**2.0**	NA	Arcadis
	07/13/2017	**2.3**	**2.0**	NA	Arcadis
	10/02/2017	**2.1**	**2.2**	NA	Arcadis
	01/08/2018	**2.3**	**2.1**	NA	Arcadis
	10/05/2018	**2.4**	**1.5**	NA	Arcadis
	10/08/2019	**2.1**	**2.0**	NA	Arcadis
No. of Samples:	29				
MW-155D	03/29/2012	ND (1.0)	ND (0.06)	NA	CH2M
	04/26/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/15/2012	ND (1.0)	ND (0.06)	NA	CH2M
	05/15/2012*	ND (1.0)	ND (0.06)	NA	CH2M
	07/13/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/22/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/18/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/13/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2014	ND (1.0)	ND (0.06 J)	NA	CH2M
	01/06/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.2)	NA	CH2M
	07/22/2015	ND (1.0)	ND (0.2)	NA	CH2M
	10/19/2015	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2016	NA	ND (0.2)	NA	Arcadis
	04/19/2016	NA	ND (0.2)	NA	Arcadis
	07/20/2016	ND (1.0)	ND (0.2)	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-155D	10/18/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/28/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	11/02/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/18/2018	**3.1**	ND (0.2)	NA	Arcadis
	07/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/11/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/11/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	11/08/2019	**1.3**	ND (0.2)	NA	Arcadis
	01/16/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/15/2020	**1.1**	ND (0.2)	NA	Arcadis
No. of Samples:	36				
MW-155S	03/29/2012	ND (1.0)	**0.29**	NA	CH2M
	04/26/2012	ND (1.0)	**0.38**	NA	CH2M
	05/15/2012	ND (1.0)	**0.46**	NA	CH2M
	07/13/2012	ND (1.0)	**0.42**	NA	CH2M
	10/03/2012	ND (1.0)	**0.46**	NA	CH2M
	01/22/2013	ND (1.0)	**0.38**	NA	CH2M
	04/10/2013	ND (1.0)	**0.43**	NA	CH2M
	04/10/2013*	ND (1.0)	**0.45**	NA	CH2M
	07/18/2013	**1.9**	**0.41**	NA	CH2M
	10/08/2013	ND (1.0)	**0.35**	NA	CH2M
	01/13/2014	ND (1.0)	**0.28**	NA	CH2M
	04/03/2014	ND (1.0)	**0.26**	NA	CH2M
	07/09/2014	ND (1.0)	**0.24**	NA	CH2M
	10/15/2014	ND (1.0)	**0.27**	NA	CH2M
	01/06/2015	ND (1.0)	**0.23**	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.2)	NA	CH2M
	07/22/2015	ND (1.0)	**0.32**	NA	CH2M
	10/19/2015	**1.1**	ND (0.4)	NA	Arcadis
	01/11/2016	NA	**0.33**	NA	Arcadis
	04/19/2016	NA	**0.39**	NA	Arcadis
	07/20/2016	ND (1.0)	**0.42**	NA	Arcadis
	10/18/2016	ND (1.0)	**0.35**	NA	Arcadis
	01/05/2017	**1.1**	**0.46**	NA	Arcadis
	04/05/2017	**1.2**	**0.53**	NA	Arcadis
	07/28/2017	**1.1**	**0.62**	NA	Arcadis
	11/02/2017	ND (1.0)	**0.8**	NA	Arcadis
	01/18/2018	**3.7**	**0.79**	NA	Arcadis
	03/06/2018	**1.0**	**0.82**	NA	Arcadis
	04/18/2018	ND (1.0)	**0.84**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-155S	07/18/2018	**1.0**	**0.97**	NA	Arcadis
	10/16/2018	**1.3**	**0.9**	NA	Arcadis
	01/11/2019	**1.4**	**0.82**	NA	Arcadis
	04/11/2019	**1.4**	**1.0**	NA	Arcadis
	07/11/2019	**1.8**	**1.1**	NA	Arcadis
	11/08/2019	**2.2**	**1.3**	NA	Arcadis
	01/16/2020	**2.5**	**1.1**	NA	Arcadis
	04/15/2020	**1.6**	**1.2**	NA	Arcadis
No. of Samples:	37				
MW-156S	04/26/2012	**2.0**	**1.1**	NA	CH2M
	05/16/2012	**1.9**	**1.5**	NA	CH2M
	06/05/2012	**2.2**	**1.8**	NA	CH2M
	07/18/2012	**1.7**	**1.6**	NA	CH2M
	10/18/2012	ND (1.0)	**1.0**	NA	CH2M
	10/18/2012*	**1.0**	**1.0**	NA	CH2M
	01/22/2013	**1.2**	**0.94**	NA	CH2M
	04/10/2013	**1.8**	**1.2**	NA	CH2M
	04/10/2013*	**1.8**	**1.2**	NA	CH2M
	07/11/2013	**1.6**	**1.1**	NA	CH2M
	10/11/2013	**1.5**	**1.1**	NA	CH2M
	01/20/2014	**2.0**	**1.4**	NA	CH2M
	04/17/2014	**1.9**	**1.4**	NA	CH2M
	07/23/2014	**1.8**	**1.5**	NA	CH2M
	12/10/2014	**1.5**	**1.6**	NA	CH2M
	01/06/2015	**1.5**	**0.99**	NA	CH2M
	04/06/2015	**1.8**	**0.91**	NA	CH2M
	04/06/2015*	**1.7**	**1.0**	NA	CH2M
	07/09/2015	**1.6**	**1.0**	NA	CH2M
	10/08/2015	**1.5**	**1.2**	NA	Arcadis
	01/11/2016	**1.2**	**1.0**	NA	Arcadis
	04/12/2016	**1.9**	**1.0**	NA	Arcadis
	07/21/2016	**1.1**	**0.91**	NA	Arcadis
	10/06/2016	**1.3**	**0.83**	NA	Arcadis
	04/03/2017	**1.3**	**0.73**	NA	Arcadis
	10/02/2017	ND (1.0)	**0.61**	NA	Arcadis
	10/16/2018	ND (1.0)	**0.46**	NA	Arcadis
	04/10/2019	**1.1**	**0.7**	NA	Arcadis
	10/07/2019	**1.6**	**0.81**	NA	Arcadis
	04/06/2020	**2.2**	**1.1**	NA	Arcadis
No. of Samples:	30				
MW-157S	04/26/2012	**3.4**	**2.5**	NA	CH2M
	05/16/2012	**2.4**	**2.2**	NA	CH2M
	06/05/2012	**3.0**	**2.5**	NA	CH2M
	07/18/2012	**1.6**	**1.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-157S	10/18/2012	**1.5**	**1.6**	NA	CH2M
	01/22/2013	**2.0**	**1.9**	NA	CH2M
	04/10/2013	**2.9**	**2.3**	NA	CH2M
	07/11/2013	**2.3**	**1.7**	NA	CH2M
	10/11/2013	**1.8**	**1.5**	NA	CH2M
	01/20/2014	**2.4**	**1.7**	NA	CH2M
	01/20/2014*	**2.8**	**1.7**	NA	CH2M
	04/17/2014	**2.5**	**2.1**	NA	CH2M
	07/23/2014	**2.2**	**1.8**	NA	CH2M
	12/10/2014	**1.7**	**1.8**	NA	CH2M
	01/06/2015	**2.1**	**2.1**	NA	CH2M
	04/06/2015	**2.3**	**2.1**	NA	CH2M
	07/09/2015	**2.1**	**1.9**	NA	CH2M
	10/08/2015	**1.9**	**1.7**	NA	Arcadis
	01/11/2016	**2.0**	**1.8**	NA	Arcadis
	01/11/2016*	**2.0**	**1.8**	NA	Arcadis
	04/12/2016	**2.3**	**1.9**	NA	Arcadis
	04/12/2016*	**2.2**	**1.8**	NA	Arcadis
	07/21/2016	**1.7**	**1.7**	NA	Arcadis
	10/06/2016	**2.4**	**1.8**	NA	Arcadis
	04/03/2017	**2.4**	**1.7**	NA	Arcadis
	10/02/2017	**1.5**	**1.6**	NA	Arcadis
	10/16/2018	**2.8**	**1.4**	NA	Arcadis
	12/03/2018	**2.4**	**1.6**	NA	Arcadis
	04/10/2019	**2.1**	**1.6**	NA	Arcadis
	10/07/2019	**2.5**	**1.5**	NA	Arcadis
	04/06/2020	**2.3**	**1.7**	NA	Arcadis
No. of Samples:	31				
MW-158C	08/22/2012	ND (1.0)	**0.26**	NA	CH2M
	09/04/2012	ND (1.0)	**0.1**	NA	CH2M
	12/26/2012	ND (1.0)	ND (0.2)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/01/2013	ND (1.0)	ND (0.094)	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	10				
MW-158CR	08/04/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/22/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2015	ND (1.0)	**0.083**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-158CR	10/21/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	10/18/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/21/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	11				
MW-158S	10/17/2012	**1.9**	**1.8**	NA	CH2M
	01/31/2013	**2.3**	**2.0**	NA	CH2M
	04/10/2013	**2.2**	**1.8**	NA	CH2M
	07/17/2013	**2.3**	**1.9**	NA	CH2M
	10/17/2013	**2.3**	**1.9**	NA	CH2M
	01/15/2014	**2.3**	**1.9**	NA	CH2M
	04/01/2014	**2.0**	**2.1**	NA	CH2M
No. of Samples:	7				
MW-158SR	08/04/2014	**1.7**	**1.5**	NA	CH2M
	10/16/2014	**1.8**	**0.96**	NA	CH2M
	01/22/2015	**1.7**	**1.1**	NA	CH2M
	04/10/2015	**2.7**	**1.0**	NA	CH2M
	07/16/2015	**2.1**	ND (1.0)	NA	CH2M
	10/21/2015	**2.2**	**1.3**	NA	Arcadis
	04/19/2017	**3.2**	**1.5**	NA	Arcadis
	06/07/2017	**2.1**	**1.5**	NA	Arcadis
	07/25/2017	**1.9**	**1.0**	NA	Arcadis
	10/16/2017	**1.8**	**1.6**	NA	Arcadis
	01/24/2018	**4.5**	**1.4**	NA	Arcadis
	03/06/2018	**2.0**	**1.4**	NA	Arcadis
No. of Samples:	12				
MW-159C	08/22/2012	ND (1.0)	**0.12**	NA	CH2M
	09/04/2012	ND (1.0)	**0.14**	NA	CH2M
	10/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2013	ND (1.0)	ND (0.062)	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.14)	NA	CH2M
	01/22/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/20/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/22/2015	ND (1.0)	ND (0.09)	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	16				
MW-159D	10/18/2012	**4.2**	**4.2**	NA	CH2M
	01/31/2013	**5.7**	**5.7**	NA	CH2M
	04/08/2013	**5.6**	**5.8**	NA	CH2M
	07/17/2013	**5.8**	**5.1**	NA	CH2M
	10/17/2013	**6.0**	**5.6**	NA	CH2M
	01/16/2014	**4.8**	**4.7**	NA	CH2M
	04/01/2014	**5.8**	**5.5**	NA	CH2M
	07/07/2014	**5.6**	**5.5**	NA	CH2M
	11/03/2014	**5.8**	**5.7**	NA	CH2M
	01/22/2015	**5.7**	**6.1**	NA	CH2M
	04/09/2015	**5.8**	**5.5**	NA	CH2M
	07/20/2015	**4.5**	**5.0**	NA	CH2M
	07/20/2015*	**4.4**	**5.1**	NA	CH2M
	11/03/2015	**5.1**	**5.7**	NA	Arcadis
	01/13/2016	**5.4**	**5.7**	NA	Arcadis
	04/19/2016	**5.8**	**5.4**	NA	Arcadis
	01/10/2017	**6.4**	**6.2**	NA	Arcadis
	04/06/2017	**6.4**	**6.3**	NA	Arcadis
	07/28/2017	**6.0**	**5.8**	NA	Arcadis
	07/28/2017*	**6.0**	**5.9**	NA	Arcadis
	10/17/2017	**6.3**	**6.5**	NA	Arcadis
	10/17/2017*	**7.5**	**6.4**	NA	Arcadis
	01/24/2018	**6.7**	**5.9**	NA	Arcadis
No. of Samples:	23				
MW-159S	10/18/2012	**6.1**	**6.0**	NA	CH2M
	01/31/2013	**6.4**	**6.3**	NA	CH2M
	04/08/2013	**6.3**	**6.1**	NA	CH2M
	07/17/2013	**6.6**	**5.8**	NA	CH2M
	10/17/2013	**6.4**	**6.2**	NA	CH2M
	01/16/2014	**5.9**	**6.0**	NA	CH2M
	04/01/2014	**6.0**	**6.6**	NA	CH2M
	07/07/2014	**5.9**	**6.1**	NA	CH2M
	11/03/2014	**6.7**	**6.2**	NA	CH2M
	01/22/2015	**6.1**	**6.7**	NA	CH2M
	04/09/2015	**6.7**	**6.6**	NA	CH2M
	07/20/2015	**5.5**	**6.4**	NA	CH2M
	11/03/2015	**6.2**	**6.6**	NA	Arcadis
	01/13/2016	**6.1**	**6.5**	NA	Arcadis
	04/19/2016	**6.8**	**6.6**	NA	Arcadis
	01/10/2017	**6.7**	**6.4**	NA	Arcadis
	04/06/2017	**6.4**	**6.3**	NA	Arcadis
	04/06/2017*	**6.4**	**6.3**	NA	Arcadis
	07/25/2017	**5.6**	**6.1**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-159S	10/16/2017	**6.2**	**6.6**	NA	Arcadis
	01/24/2018	**6.5**	**6.2**	NA	Arcadis
No. of Samples:	21				
MW-160C	09/14/2012	ND (1.0)	ND (0.06)	NA	CH2M
	10/18/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/04/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	07/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/22/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/20/2015	ND (1.0)	**0.064**	NA	CH2M
	10/22/2015	ND (1.0)	ND (0.12)	NA	Arcadis
No. of Samples:	15				
MW-160D	10/18/2012	**4.1**	**4.0**	NA	CH2M
	01/31/2013	**4.6**	**4.1**	NA	CH2M
	04/11/2013	**4.4**	**4.5**	NA	CH2M
	07/17/2013	**4.6**	**3.9**	NA	CH2M
	10/17/2013	**4.5**	**4.1**	NA	CH2M
	10/17/2013*	**4.3**	**4.1**	NA	CH2M
	01/22/2014	**4.0**	**3.3**	NA	CH2M
	04/01/2014	**4.4**	**4.2**	NA	CH2M
	07/07/2014	**4.2**	**3.7**	NA	CH2M
	11/03/2014	**4.7**	**4.1**	NA	CH2M
	11/03/2014*	**4.3**	**4.1**	NA	CH2M
	01/22/2015	**4.5**	**4.4**	NA	CH2M
	04/10/2015	**4.7**	**4.0**	NA	CH2M
	07/20/2015	**4.1**	**4.3**	NA	CH2M
	11/05/2015	**4.2**	**4.2**	NA	Arcadis
	11/05/2015*	**4.4**	**4.2**	NA	Arcadis
No. of Samples:	16				
MW-161S1	10/22/2012	**3.4**	**3.2**	NA	CH2M
	01/21/2013	**3.3**	**3.1**	NA	CH2M
	04/10/2013	**3.4**	**3.0**	NA	CH2M
	07/12/2013	**3.3**	**3.1**	NA	CH2M
	10/10/2013	**3.2**	**3.0**	NA	CH2M
	01/16/2014	**3.1**	**3.1**	NA	CH2M
	04/14/2014	**3.7**	**3.4**	NA	CH2M
	07/17/2014	**3.7**	**3.4**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-161S1	10/07/2014	**3.5**	**3.5**	NA	CH2M
	01/12/2015	**3.4**	**3.5**	NA	CH2M
	04/01/2015	**3.6**	**3.5**	NA	CH2M
	07/07/2015	**3.3**	**3.4**	NA	CH2M
	10/16/2015	**3.2**	**3.5**	NA	Arcadis
	01/05/2016	**3.5**	**3.4**	NA	Arcadis
	04/04/2016	**3.3**	**3.4**	NA	Arcadis
	07/06/2016	**4.0**	**3.4**	NA	Arcadis
	10/10/2016	**4.0**	**3.3**	NA	Arcadis
	04/03/2017	**3.4**	**3.4**	NA	Arcadis
	10/13/2017	**3.3**	**3.3**	NA	Arcadis
	10/18/2018	**3.8**	**3.4**	NA	Arcadis
	10/18/2018*	**3.7**	**3.4**	NA	Arcadis
	10/08/2019	**4.0**	**3.3**	NA	Arcadis
	04/14/2020	**3.5**	**3.4**	NA	Arcadis
No. of Samples:	23				
MW-161S2	10/22/2012	**2.6**	**2.5**	NA	CH2M
	01/21/2013	**2.6**	**2.5**	NA	CH2M
	04/10/2013	**2.7**	**2.4**	NA	CH2M
	07/12/2013	**2.8**	**2.6**	NA	CH2M
	10/10/2013	**2.6**	**2.6**	NA	CH2M
	01/16/2014	**2.9**	**2.9**	NA	CH2M
	04/14/2014	**3.1**	**3.0**	NA	CH2M
	07/17/2014	**3.4**	**2.8**	NA	CH2M
	10/07/2014	**3.4**	**2.8**	NA	CH2M
	01/12/2015	**2.5**	**3.0**	NA	CH2M
	01/12/2015*	**2.6**	**3.0**	NA	CH2M
	04/01/2015	**3.6**	**3.0**	NA	CH2M
	07/07/2015	**3.0**	**3.2**	NA	CH2M
	10/21/2015	**2.9**	**3.4**	NA	Arcadis
	04/04/2016	**3.4**	**3.3**	NA	Arcadis
	10/10/2016	**4.0**	**3.1**	NA	Arcadis
	02/03/2017	**4.0**	**3.0**	NA	Arcadis
	04/03/2017	**3.6**	**3.0**	NA	Arcadis
	07/12/2017	**2.8**	**3.3**	NA	Arcadis
	10/13/2017	**3.4**	**3.3**	NA	Arcadis
	02/05/2018	**3.9**	**3.4**	NA	Arcadis
	04/03/2018	**3.0**	**2.7**	NA	Arcadis
	07/09/2018	**3.3**	**3.1**	NA	Arcadis
	10/18/2018	**3.9**	**3.4**	NA	Arcadis
	04/02/2019	**4.6**	**2.9**	NA	Arcadis
	06/06/2019	**3.3**	**3.0**	NA	Arcadis
	10/08/2019	**3.4**	**3.1**	NA	Arcadis
No. of Samples:	27				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-161S3	10/22/2012	**1.7**	**1.7**	NA	CH2M
	01/21/2013	**1.3**	**1.2**	NA	CH2M
	04/10/2013	**1.2**	**0.9**	NA	CH2M
	07/12/2013	**1.4**	**1.2**	NA	CH2M
	10/10/2013	**1.3**	**0.96**	NA	CH2M
	01/16/2014	**1.5**	**1.4**	NA	CH2M
	04/14/2014	**1.5**	ND (1.4)	NA	CH2M
	07/17/2014	**2.1**	**1.5**	NA	CH2M
	10/07/2014	**1.6**	**1.6**	NA	CH2M
	01/12/2015	ND (1.0)	**1.0**	NA	CH2M
	04/01/2015	**1.7**	**1.3**	NA	CH2M
	07/07/2015	**1.2**	**1.3**	NA	CH2M
	10/16/2015	**1.4**	**1.5**	NA	Arcadis
	10/10/2016	**1.4**	**0.84**	NA	Arcadis
	10/12/2017	**1.2**	**0.93**	NA	Arcadis
	10/18/2018	**1.4**	**0.94**	NA	Arcadis
	10/08/2019	ND (1.0)	**0.55**	NA	Arcadis
No. of Samples:	17				
MW-162S1	10/22/2012	**5.8**	**5.2**	NA	CH2M
	11/08/2012	**5.4**	**5.0**	NA	CH2M
	01/21/2013	**5.1**	**4.7**	NA	CH2M
	04/09/2013	**4.9**	**4.6**	NA	CH2M
	04/09/2013*	**4.8**	**4.5**	NA	CH2M
	07/16/2013	**4.8**	**4.3**	NA	CH2M
	10/10/2013	**4.3**	**4.3**	NA	CH2M
	01/16/2014	**4.8**	**4.2**	NA	CH2M
	04/14/2014	**4.4**	**4.5**	NA	CH2M
	07/17/2014	**5.0**	**4.4**	NA	CH2M
	10/07/2014	**4.4**	**4.3**	NA	CH2M
	01/12/2015	**4.0**	**4.4**	NA	CH2M
	04/02/2015	**4.3**	**4.2**	NA	CH2M
	04/02/2015*	**4.4**	**4.1**	NA	CH2M
	07/07/2015	**4.2**	**4.2**	NA	CH2M
	10/16/2015	**3.9**	**4.2**	NA	Arcadis
	01/05/2016	**4.4**	**4.0**	NA	Arcadis
	04/04/2016	**4.1**	**4.2**	NA	Arcadis
	07/06/2016	**4.4**	**4.0**	NA	Arcadis
	10/10/2016	**4.0**	**3.9**	NA	Arcadis
	01/30/2017	**4.3**	**3.9**	NA	Arcadis
	04/03/2017	**5.0**	**4.0**	NA	Arcadis
	10/17/2017	**4.1**	**4.0**	NA	Arcadis
	04/03/2018	**11**	**3.7**	NA	Arcadis
	06/07/2018	**4.1**	**3.7**	NA	Arcadis
	10/12/2018	**4.4**	**3.9**	NA	Arcadis
	04/02/2019	**4.2**	**3.4**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-162S1	10/08/2019	**3.9**	**3.8**	NA	Arcadis
	04/14/2020	**4.8**	**3.7**	NA	Arcadis
	06/03/2020	**4.3**	**3.1**	NA	Arcadis
No. of Samples:	30				
MW-162S2	10/22/2012	**1.9**	**2.0**	NA	CH2M
	11/08/2012	**2.0**	**1.6**	NA	CH2M
	01/21/2013	**1.5**	**0.81**	NA	CH2M
	04/09/2013	**1.3**	**0.54**	NA	CH2M
	07/16/2013	**1.9**	**0.58**	NA	CH2M
	10/10/2013	**1.4**	**0.23**	NA	CH2M
	01/16/2014	**1.1**	**0.43**	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.38)	NA	CH2M
	07/17/2014	**1.1**	**0.48**	NA	CH2M
	10/07/2014	ND (1.0)	**0.3**	NA	CH2M
	01/12/2015	ND (1.0)	**0.21**	NA	CH2M
	04/02/2015	ND (1.0)	**0.21**	NA	CH2M
	07/07/2015	ND (1.0)	**0.31**	NA	CH2M
	10/16/2015	ND (1.0)	**0.35**	NA	Arcadis
	04/04/2016	**2.6**	ND (0.2)	NA	Arcadis
	06/01/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	20				
MW-162S3	10/22/2012	ND (1.0)	**0.21**	NA	CH2M
	01/17/2013	ND (1.0)	**0.2**	NA	CH2M
	01/17/2013*	ND (1.0)	**0.2**	NA	CH2M
	04/04/2013	ND (1.0)	**0.7**	NA	CH2M
	04/04/2013*	ND (1.0)	**0.77**	NA	CH2M
	07/15/2013	ND (1.0)	**0.14**	NA	CH2M
	10/10/2013	**2.0**	**0.52**	NA	CH2M
	01/20/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	**0.4**	NA	CH2M
	07/18/2014	ND (1.0)	**0.061**	NA	CH2M
	10/08/2014	ND (1.0)	**0.2**	NA	CH2M
	01/13/2015	ND (1.0)	**0.33**	NA	CH2M
	04/03/2015	ND (1.0)	**0.23**	NA	CH2M
	07/08/2015	ND (1.0)	ND (0.17)	NA	CH2M
	07/08/2015*	ND (1.0)	ND (0.18)	NA	CH2M
	10/22/2015	ND (1.0)	**0.28**	NA	Arcadis
	10/10/2016	ND (1.0)	**0.42**	NA	Arcadis
	10/10/2016*	ND (1.0)	**0.42**	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-162S3	10/12/2018	ND (1.0)	**0.4**	NA	Arcadis
	10/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	21				
MW-163D	12/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	**0.097**	NA	CH2M
	04/01/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2013	ND (1.0)	**0.31**	NA	CH2M
	10/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	04/01/2014	ND (1.0)	ND (0.082)	NA	CH2M
	07/18/2014	ND (1.0)	ND (0.06)	NA	CH2M
	11/03/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.11)	NA	CH2M
	07/21/2015	ND (1.0)	**0.24**	NA	CH2M
	11/04/2015	ND (5.0)	ND (0.06)	NA	Arcadis
	01/14/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	07/21/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/21/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/31/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/31/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	01/24/2018	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	28				
MW-163S	11/08/2012	**8.7**	**8.0**	NA	CH2M
	01/31/2013	**10.1**	**9.8**	NA	CH2M
	04/10/2013	**8.5**	**8.3**	NA	CH2M
	07/17/2013	**9.0**	**7.9**	NA	CH2M
	10/17/2013	**9.9**	**9.2**	NA	CH2M
	01/16/2014	**9.2**	**8.8**	NA	CH2M
	04/01/2014	**9.5**	**10**	NA	CH2M
	07/10/2014	**9.9**	**10**	NA	CH2M
	11/03/2014	**10**	**10**	NA	CH2M
	01/14/2015	**9.1**	**10**	NA	CH2M
	04/09/2015	**10**	**10**	NA	CH2M
	07/20/2015	**8.6**	**9.7**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-163S	11/04/2015	**6.3**	**5.7**	NA	Arcadis
	01/13/2016	**9.1**	**8.7**	NA	Arcadis
	04/19/2016	**8.4**	**8.7**	NA	Arcadis
	07/21/2016	**9.1**	**9.0**	NA	Arcadis
	10/18/2016	**9.6**	**9.3**	NA	Arcadis
	01/10/2017	**8.9**	**8.6**	NA	Arcadis
	04/18/2017	**7.5**	**6.9**	NA	Arcadis
	07/25/2017	**8.5**	**8.8**	NA	Arcadis
	10/18/2017	**9.0**	**9.3**	NA	Arcadis
	01/24/2018	**11**	**9.0**	NA	Arcadis
No. of Samples:	22				
MW-164D	12/05/2012	**3.0**	**2.1**	NA	CH2M
	02/01/2013	ND (1.0)	ND (0.2)	NA	CH2M
	04/08/2013	**2.4**	**0.19**	NA	CH2M
	07/12/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/12/2013*	ND (1.0)	ND (0.06)	NA	CH2M
	10/18/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/10/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2014	ND (1.0)	ND (0.19)	NA	CH2M
	10/15/2014*	ND (1.0)	ND (0.23)	NA	CH2M
	01/21/2015	ND (1.0)	**0.11**	NA	CH2M
	04/08/2015	ND (1.0)	**0.28**	NA	CH2M
	07/15/2015	ND (1.0)	ND (0.14)	NA	CH2M
	10/09/2015	ND (1.0)	**0.13**	NA	Arcadis
	10/09/2015*	ND (1.0)	**0.082**	NA	Arcadis
	01/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/22/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/21/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/26/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/11/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/12/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/08/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/09/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	30				
MW-164S	11/08/2012	**2.4**	**2.4**	NA	CH2M
	02/01/2013	**2.1**	**1.8**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-164S	04/08/2013	**1.9**	**1.8**	NA	CH2M
	07/11/2013	**1.7**	**1.4**	NA	CH2M
	10/17/2013	**1.8**	**1.6**	NA	CH2M
	01/16/2014	**2.1**	**1.5**	NA	CH2M
	04/01/2014	**1.7**	**1.7**	NA	CH2M
	07/10/2014	**1.8**	**1.7**	NA	CH2M
	10/15/2014	**1.8**	**1.8**	NA	CH2M
	01/21/2015	**2.5**	**2.4**	NA	CH2M
	04/08/2015	**2.3**	**2.2**	NA	CH2M
	07/15/2015	**2.3**	**2.5**	NA	CH2M
	10/09/2015	**2.3**	**2.4**	NA	Arcadis
	04/19/2016	**2.3**	**2.2**	NA	Arcadis
	04/19/2016*	**2.4**	**2.2**	NA	Arcadis
	07/20/2016	**8.0**	**2.0**	NA	Arcadis
	09/08/2016	**2.7**	**1.8**	NA	Arcadis
	10/20/2016	**2.1**	**2.0**	NA	Arcadis
	01/12/2017	**2.5**	**2.1**	NA	Arcadis
	04/17/2017	**2.0**	**2.0**	NA	Arcadis
	07/25/2017	**1.9**	**1.9**	NA	Arcadis
	10/11/2017	**2.0**	**2.0**	NA	Arcadis
	01/11/2018	**2.4**	**1.9**	NA	Arcadis
	04/11/2018	**2.6**	**1.9**	NA	Arcadis
	10/15/2018	**2.2**	**1.9**	NA	Arcadis
	04/08/2019	**1.9**	**1.7**	NA	Arcadis
	10/17/2019	**2.1**	**1.6**	NA	Arcadis
	04/09/2020	**1.7**	**1.5**	NA	Arcadis
No. of Samples:	28				
MW-165D	11/08/2012	**1.1**	**0.99**	NA	CH2M
	02/01/2013	**1.5**	**1.1**	NA	CH2M
	04/04/2013	**1.5**	**1.0**	NA	CH2M
	07/17/2013	**2.4**	**1.0**	NA	CH2M
	10/17/2013	**1.4**	**0.99**	NA	CH2M
	10/17/2013*	**1.4**	**1.1**	NA	CH2M
	01/22/2014	**1.3**	**1.1**	NA	CH2M
	04/02/2014	**1.4**	**1.2**	NA	CH2M
	07/08/2014	**1.4**	**1.1**	NA	CH2M
	11/03/2014	**1.3**	**1.1**	NA	CH2M
	01/14/2015	**1.2**	**1.2**	NA	CH2M
	04/09/2015	**1.3**	**1.2**	NA	CH2M
	04/09/2015*	**1.3**	**1.1**	NA	CH2M
	07/15/2015	**1.2**	**1.2**	NA	CH2M
	11/03/2015	**1.2**	**1.2**	NA	Arcadis
No. of Samples:	15				
MW-165S	11/08/2012	ND (1.0)	**0.77**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-165S	02/01/2013	**1.5**	**1.0**	NA	CH2M
	04/04/2013	**1.9**	**1.2**	NA	CH2M
	07/17/2013	**2.2**	**1.4**	NA	CH2M
	10/17/2013	**1.9**	**1.3**	NA	CH2M
	01/22/2014	**1.6**	**1.4**	NA	CH2M
	04/02/2014	**1.7**	**1.5**	NA	CH2M
	07/08/2014	**1.9**	**1.5**	NA	CH2M
	11/03/2014	**1.8**	**1.6**	NA	CH2M
	01/14/2015	**1.7**	**1.7**	NA	CH2M
	04/09/2015	**1.7**	**1.6**	NA	CH2M
	07/15/2015	**2.2**	**1.7**	NA	CH2M
	11/03/2015	**1.7**	**1.7**	NA	Arcadis
No. of Samples:	13				
MW-166S1	12/06/2012	ND (1.0)	**0.22**	NA	CH2M
	01/17/2013	ND (1.0)	**0.19**	NA	CH2M
	04/08/2013	ND (1.0)	**0.24**	NA	CH2M
	07/11/2013	ND (1.0)	**0.31**	NA	CH2M
	10/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/23/2014	ND (1.0)	**0.12**	NA	CH2M
	04/18/2014	ND (1.0)	**0.3**	NA	CH2M
	04/18/2014*	ND (1.0)	ND (0.23)	NA	CH2M
	07/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014	ND (1.0)	**0.3**	NA	CH2M
	01/13/2015	ND (1.0)	**0.2**	NA	CH2M
	04/03/2015	ND (1.0)	**0.17**	NA	CH2M
	07/08/2015	ND (1.0)	**0.28**	NA	CH2M
	10/16/2015	ND (1.0)	**0.2**	NA	Arcadis
	01/05/2016	**12**	**0.082**	NA	Arcadis
	03/02/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2016	ND (1.0)	**0.25**	NA	Arcadis
	07/08/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/14/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2017	**1.3**	ND (0.2)	NA	Arcadis
	06/06/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/04/2018	ND (1.0)	**0.22**	NA	Arcadis
	10/18/2018	**1.2**	ND (0.2)	NA	Arcadis
	04/03/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2019	**1.0**	**0.46**	NA	Arcadis
	04/24/2020	**1.0**	**0.35**	NA	Arcadis
No. of Samples:	27				
MW-166S2	12/06/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2013	ND (1.0)	**0.08**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-166S2	07/11/2013	ND (1.0)	**0.21**	NA	CH2M
	10/08/2013	ND (1.0)	ND (0.078)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/18/2014	ND (1.0)	ND (0.084)	NA	CH2M
	07/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014	ND (1.0)	ND (0.11)	NA	CH2M
	01/13/2015	ND (1.0)	**0.12**	NA	CH2M
	04/03/2015	ND (1.0)	**0.078**	NA	CH2M
	07/08/2015	ND (1.0)	ND (0.12)	NA	CH2M
	10/16/2015	ND (1.0)	**0.17**	NA	Arcadis
	04/05/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/14/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/02/2017	**20**	ND (0.2)	NA	Arcadis
	11/29/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	**1.3**	ND (0.2)	NA	Arcadis
	11/29/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	20				
MW-167D	12/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2013	ND (1.0)	**0.33**	NA	CH2M
	10/17/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	14				
MW-167S1	12/03/2012	ND (1.0)	**0.5**	NA	CH2M
	01/31/2013	ND (1.0)	ND (0.2)	NA	CH2M
	04/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2013	ND (1.0)	**1.1**	NA	CH2M
	10/17/2013	**1.3**	**0.98**	NA	CH2M
	01/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015*	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-167S1	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2015	ND (1.0)	**0.067**	NA	Arcadis
No. of Samples:	14				
MW-167S2	12/03/2012	ND (1.0)	ND (0.06)	NA	CH2M
	01/29/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	07/11/2013	ND (1.0)	**0.22**	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/16/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	07/15/2015*	ND (1.0)	ND (0.06)	NA	CH2M
	10/16/2015	ND (1.0)	ND (0.06)	NA	Arcadis
No. of Samples:	14				
MW-168D	12/05/2012	**1.4**	**1.2**	NA	CH2M
	01/22/2013	ND (1.0)	**0.51**	NA	CH2M
	04/08/2013	ND (1.0)	**0.13**	NA	CH2M
	07/17/2013	ND (1.0)	ND (0.2)	NA	CH2M
	10/09/2013	ND (1.0)	**0.34**	NA	CH2M
	01/23/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/23/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	04/02/2014	ND (1.0)	**0.36**	NA	CH2M
	07/08/2014	ND (1.0)	**0.25**	NA	CH2M
	10/15/2014	ND (1.0)	**0.31**	NA	CH2M
	01/21/2015	ND (1.0)	**0.32**	NA	CH2M
	04/09/2015	ND (1.0)	**0.29**	NA	CH2M
	07/15/2015	ND (1.0)	**0.37**	NA	CH2M
	10/21/2015	ND (1.0)	**0.29**	NA	Arcadis
	10/20/2016	ND (1.0)	**0.39**	NA	Arcadis
	10/20/2016*	ND (1.0)	**0.36**	NA	Arcadis
	10/12/2017	ND (1.0)	**0.45**	NA	Arcadis
	10/15/2018	ND (1.0)	**0.64**	NA	Arcadis
	10/17/2019	**4.2**	**0.75**	NA	Arcadis
	12/04/2019	**1.2**	**0.84**	NA	Arcadis
No. of Samples:	20				
MW-168S	12/05/2012	**1.8**	**1.5**	NA	CH2M
	01/22/2013	**1.3**	**1.2**	NA	CH2M
	04/08/2013	**1.6**	**0.97**	NA	CH2M
	07/17/2013	**1.8**	**1.1**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-168S	10/09/2013	**1.1**	**1.1**	NA	CH2M
	01/23/2014	**1.7**	**0.8**	NA	CH2M
	04/02/2014	**1.3**	**1.2**	NA	CH2M
	07/08/2014	**1.2**	**1.1**	NA	CH2M
	10/15/2014	**1.3**	**1.1**	NA	CH2M
	01/21/2015	**1.4**	**1.2**	NA	CH2M
	04/09/2015	**1.3**	**1.2**	NA	CH2M
	07/15/2015	**1.1**	**1.2**	NA	CH2M
	10/21/2015	**1.2**	**1.2**	NA	Arcadis
	04/19/2016	**1.2**	**1.4**	NA	Arcadis
	10/20/2016	**1.4**	**1.4**	NA	Arcadis
	04/13/2017	**1.4**	**1.4**	NA	Arcadis
	10/12/2017	**1.5**	**1.4**	NA	Arcadis
	04/11/2018	**1.7**	**1.3**	NA	Arcadis
	10/15/2018	**1.6**	**1.5**	NA	Arcadis
	04/09/2019	**1.6**	**1.6**	NA	Arcadis
	10/17/2019	**2.0**	**1.5**	NA	Arcadis
	04/14/2020	**1.6**	**1.3**	NA	Arcadis
No. of Samples:	22				
MW-169D	12/05/2012	ND (1.0)	**0.086**	NA	CH2M
	01/24/2013	ND (1.0)	ND (0.2)	NA	CH2M
	04/10/2013	ND (1.0)	**0.1**	NA	CH2M
	07/11/2013	ND (1.0)	**0.28**	NA	CH2M
	07/11/2013*	ND (1.0)	**0.25**	NA	CH2M
	10/02/2013	ND (1.0)	ND (0.17)	NA	CH2M
	01/09/2014	ND (1.0)	**0.16**	NA	CH2M
	04/02/2014	ND (1.0)	**0.22**	NA	CH2M
	07/08/2014	ND (1.0)	**0.19**	NA	CH2M
	10/15/2014	ND (1.0)	ND (0.22)	NA	CH2M
	10/15/2014*	ND (1.0)	ND (0.22)	NA	CH2M
	01/21/2015	ND (1.0)	**0.2**	NA	CH2M
	04/09/2015	ND (1.0)	ND (0.16)	NA	CH2M
	07/15/2015	ND (1.0)	ND (0.18)	NA	CH2M
	10/21/2015	ND (1.0)	ND (0.2)	NA	Arcadis
	10/21/2015*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/20/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2019*	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	21				
MW-169S1	12/05/2012	**2.7**	**1.4**	NA	CH2M
	12/26/2012	**3.5**	**1.2**	NA	CH2M
	01/22/2013	**2.3**	**1.2**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-169S1	04/08/2013	**2.3**	**1.3**	NA	CH2M
	07/17/2013	**2.2**	ND (1.0)	NA	CH2M
	10/09/2013	**2.2**	**1.2**	NA	CH2M
	01/23/2014	**3.0**	**2.0**	NA	CH2M
	04/02/2014	**1.9**	**1.9**	NA	CH2M
	07/08/2014	**1.9**	**1.6**	NA	CH2M
	10/15/2014	**2.3**	**2.2**	NA	CH2M
	01/21/2015	**2.2**	**1.9**	NA	CH2M
	04/09/2015	**2.8**	**2.5**	NA	CH2M
	07/15/2015	**2.4**	**2.3**	NA	CH2M
	10/21/2015	**2.0**	**2.1**	NA	Arcadis
No. of Samples:	14				
MW-169S2	12/05/2012	**3.7**	**3.4**	NA	CH2M
	01/22/2013	**3.5**	**3.5**	NA	CH2M
	02/21/2013	**3.3**	**3.6**	NA	CH2M
	04/08/2013	**3.6**	**3.4**	NA	CH2M
	07/17/2013	**4.1**	**2.8**	NA	CH2M
	09/12/2013	**3.2**	**3.2**	NA	CH2M
	10/09/2013	**3.0**	**3.2**	NA	CH2M
	01/23/2014	**2.7**	**2.6**	NA	CH2M
	04/02/2014	**3.4**	**3.3**	NA	CH2M
	07/08/2014	**3.1**	**3.1**	NA	CH2M
	08/06/2014	**3.2**	**3.0**	NA	CH2M
	10/15/2014	**3.0**	**3.1**	NA	CH2M
	01/21/2015	**3.3**	**3.1**	NA	CH2M
	04/09/2015	**3.3**	**2.9**	NA	CH2M
	07/15/2015	**2.9**	**2.9**	NA	CH2M
	10/21/2015	**2.7**	**2.9**	NA	Arcadis
	01/13/2016	**3.3**	**2.6**	NA	Arcadis
	03/02/2016	**2.7**	**2.4**	NA	Arcadis
	04/19/2016	**2.6**	**2.6**	NA	Arcadis
	07/21/2016	**2.9**	**2.6**	NA	Arcadis
	10/20/2016	**2.7**	**2.4**	NA	Arcadis
	04/13/2017	**2.4**	**2.3**	NA	Arcadis
	10/12/2017	**1.9**	**1.8**	NA	Arcadis
	10/12/2017*	**1.9**	**1.8**	NA	Arcadis
	04/11/2018	**2.6**	**1.9**	NA	Arcadis
	10/15/2018	**2.3**	**1.9**	NA	Arcadis
	04/09/2019	**5.2**	**1.6**	NA	Arcadis
	04/09/2019*	**4.5**	**1.6**	NA	Arcadis
	06/06/2019	**1.9**	**1.7**	NA	Arcadis
	10/17/2019	**2.6**	**1.5**	NA	Arcadis
	12/05/2019	**3.6**	**1.4**	NA	Arcadis
	04/14/2020	**2.0**	**1.5**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	32				
MW-170S	12/06/2012	**2.8**	**2.3**	NA	CH2M
	01/22/2013	**2.7**	**1.8**	NA	CH2M
	04/15/2013	**2.6**	**1.9**	NA	CH2M
	04/15/2013*	**2.7**	**1.9**	NA	CH2M
	07/18/2013	**2.3**	**1.9**	NA	CH2M
	10/15/2013	**2.6**	**1.8**	NA	CH2M
	01/22/2014	**2.1**	**2.0**	NA	CH2M
	04/15/2014	**2.1**	**2.2**	NA	CH2M
	07/21/2014	**2.5**	**2.0**	NA	CH2M
	10/09/2014	**1.9**	**2.0**	NA	CH2M
	01/13/2015	**2.1**	**2.0**	NA	CH2M
	04/07/2015	**1.9**	**1.9**	NA	CH2M
	07/21/2015	**1.8**	**1.8**	NA	CH2M
	10/14/2015	**1.8**	**1.8**	NA	Arcadis
	01/07/2016	**2.2**	**1.8**	NA	Arcadis
	04/19/2016	**1.6**	**2.0**	NA	Arcadis
	04/19/2016*	**1.7**	**1.9**	NA	Arcadis
	07/11/2016	**2.0**	**1.7**	NA	Arcadis
	10/19/2016	**1.7**	**1.9**	NA	Arcadis
	01/04/2017	**2.4**	**1.7**	NA	Arcadis
	04/10/2017	**2.5**	**1.7**	NA	Arcadis
	07/12/2017	**2.4**	**1.6**	NA	Arcadis
	01/09/2018	**1.9**	**1.6**	NA	Arcadis
	04/10/2018	**2.1**	**1.7**	NA	Arcadis
	07/11/2018	**2.8**	**1.2**	NA	Arcadis
	10/09/2018	**2.3**	**1.6**	NA	Arcadis
	01/09/2019	**2.2**	**1.7**	NA	Arcadis
	04/04/2019	**2.0**	**1.8**	NA	Arcadis
	07/10/2019	**2.0**	**1.7**	NA	Arcadis
	10/15/2019	**3.2**	**1.3**	NA	Arcadis
	12/06/2019	**3.2**	**1.2**	NA	Arcadis
	01/06/2020	**4.1**	**1.3**	NA	Arcadis
	04/16/2020	**2.2**	**1.6**	NA	Arcadis
	04/16/2020*	**2.2**	**1.6**	NA	Arcadis
No. of Samples:	34				
MW-171D1	03/19/2013	ND (1.0)	**0.52**	NA	CH2M
	04/17/2013	ND (1.0)	**0.33**	NA	CH2M
	07/16/2013	ND (1.0)	**0.18**	NA	CH2M
	10/15/2013	ND (1.0)	**0.08**	NA	CH2M
	01/16/2014	ND (1.0)	**0.14**	NA	CH2M
	04/17/2014	ND (1.0)	ND (0.092)	NA	CH2M
	04/17/2014*	ND (1.0)	**0.33**	NA	CH2M
	07/23/2014	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-171D1	10/08/2014	ND (1.0)	**0.4**	NA	CH2M
	01/15/2015	ND (1.0)	**0.31**	NA	CH2M
	04/06/2015	ND (1.0)	**0.24**	NA	CH2M
	07/09/2015	ND (1.0)	**0.24**	NA	CH2M
	10/16/2015	ND (1.0)	**0.44**	NA	Arcadis
	04/18/2016	**1.8**	**0.28**	NA	Arcadis
	06/02/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/13/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2019	**2.6**	ND (0.2)	NA	Arcadis
	12/05/2019	**5.0**	ND (0.2)	NA	Arcadis
No. of Samples:	22				
MW-171D2	03/13/2013	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2013	ND (1.0)	**0.067**	NA	CH2M
	07/16/2013	**2.0**	ND (0.06)	NA	CH2M
	10/08/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/23/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/08/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/15/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/06/2015	ND (1.0)	**0.084**	NA	CH2M
	07/09/2015	ND (1.0)	**0.066**	NA	CH2M
	10/16/2015	ND (1.0)	**0.087**	NA	Arcadis
	10/13/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/10/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	16				
MW-171S	03/13/2013	**2.9**	**2.3**	NA	CH2M
	03/13/2013*	**2.7**	**2.4**	NA	CH2M
	04/17/2013	**2.3**	**2.4**	NA	CH2M
	07/16/2013	**2.6**	**2.2**	NA	CH2M
	10/15/2013	**2.3**	**2.2**	NA	CH2M
	01/16/2014	**2.2**	**2.2**	NA	CH2M
	04/17/2014	**2.5**	**2.4**	NA	CH2M
	07/23/2014	**2.7**	**2.3**	NA	CH2M
	10/08/2014	**2.5**	**2.5**	NA	CH2M
	01/15/2015	**2.6**	**2.6**	NA	CH2M
	04/06/2015	**2.6**	**2.5**	NA	CH2M
	04/06/2015*	**2.5**	**2.5**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-171S	07/09/2015	**2.7**	**2.4**	NA	CH2M
	10/16/2015	**2.8**	**2.5**	NA	Arcadis
	01/07/2016	**3.1**	**2.5**	NA	Arcadis
	04/18/2016	**2.4**	**2.5**	NA	Arcadis
	07/12/2016	**2.3**	**2.4**	NA	Arcadis
	10/13/2016	**2.5**	**2.4**	NA	Arcadis
	04/05/2017	**2.8**	**2.3**	NA	Arcadis
	10/13/2017	**2.3**	**2.4**	NA	Arcadis
	04/06/2018	**2.5**	**2.2**	NA	Arcadis
	10/17/2018	**2.5**	**2.2**	NA	Arcadis
	04/01/2019	**2.3**	**2.2**	NA	Arcadis
	10/10/2019	**4.2**	**1.7**	NA	Arcadis
	12/05/2019	**2.4**	**2.1**	NA	Arcadis
	04/07/2020	**2.7**	**2.2**	NA	Arcadis
No. of Samples:	26				
MW-172S1	03/13/2013	**1.6**	**1.4**	NA	CH2M
	04/17/2013	**1.4**	**1.4**	NA	CH2M
	07/16/2013	**1.9**	**1.7**	NA	CH2M
	10/15/2013	**1.9**	**1.7**	NA	CH2M
	01/16/2014	**2.2**	**2.1**	NA	CH2M
	04/17/2014	**2.6**	**2.7**	NA	CH2M
	07/23/2014	**2.9**	**2.6**	NA	CH2M
	10/08/2014	**2.5**	**2.6**	NA	CH2M
	01/15/2015	**3.2**	**2.9**	NA	CH2M
	04/06/2015	**3.1**	**2.9**	NA	CH2M
	07/09/2015	**2.8**	**3.0**	NA	CH2M
	10/16/2015	**2.8**	**3.0**	NA	Arcadis
	01/07/2016	**3.9**	**3.0**	NA	Arcadis
	03/02/2016	**4.1**	**2.8**	NA	Arcadis
	04/18/2016	**3.6**	**3.0**	NA	Arcadis
	07/12/2016	**3.0**	**3.0**	NA	Arcadis
	10/13/2016	**3.0**	**2.9**	NA	Arcadis
	01/03/2017	**3.3**	**3.0**	NA	Arcadis
	04/05/2017	**3.0**	**3.0**	NA	Arcadis
	04/05/2017*	**3.2**	**3.1**	NA	Arcadis
	07/12/2017	**2.9**	**3.0**	NA	Arcadis
	10/13/2017	**3.2**	**3.0**	NA	Arcadis
	01/11/2018	**3.1**	**2.9**	NA	Arcadis
	04/06/2018	**3.0**	**3.0**	NA	Arcadis
	10/17/2018	**3.3**	**2.4**	NA	Arcadis
	11/29/2018	**3.2**	**2.7**	NA	Arcadis
	04/01/2019	**3.3**	**2.7**	NA	Arcadis
	10/09/2019	**2.3**	**1.9**	NA	Arcadis
	04/07/2020	**2.3**	**2.1**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	29				
MW-172S2	03/19/2013	ND (1.0)	**0.54**	NA	CH2M
	04/17/2013	**1.1**	**0.5**	NA	CH2M
	07/11/2013	ND (1.0)	**0.61**	NA	CH2M
	10/15/2013	ND (1.0)	**0.49**	NA	CH2M
	01/16/2014	ND (1.0)	**0.43**	NA	CH2M
	04/17/2014	ND (1.0)	**0.48**	NA	CH2M
	07/23/2014	**1.1**	**0.59**	NA	CH2M
	10/08/2014	ND (1.0)	**0.83**	NA	CH2M
	01/15/2015	ND (1.0)	**0.59**	NA	CH2M
	01/15/2015*	ND (1.0)	**0.56**	NA	CH2M
	04/06/2015	**1.1**	**0.56**	NA	CH2M
	07/09/2015	ND (1.0)	**0.58**	NA	CH2M
	10/16/2015	ND (1.0)	**0.66**	NA	Arcadis
	01/07/2016	**1.0**	**0.51**	NA	Arcadis
	01/07/2016*	ND (1.0)	**0.5**	NA	Arcadis
	04/18/2016	ND (1.0)	**0.69**	NA	Arcadis
	07/12/2016	ND (1.0)	**0.5**	NA	Arcadis
	10/13/2016	**1.2**	**0.64**	NA	Arcadis
	04/05/2017	**1.2**	**0.73**	NA	Arcadis
	10/13/2017	**2.1**	**0.79**	NA	Arcadis
	11/29/2017	**2.0**	**0.71**	NA	Arcadis
	04/06/2018	ND (1.0)	**0.49**	NA	Arcadis
	04/06/2018*	ND (1.0)	**0.51**	NA	Arcadis
	10/17/2018	**1.2**	**0.32**	NA	Arcadis
	04/01/2019	**1.3**	**0.42**	NA	Arcadis
	10/09/2019	ND (1.0)	**0.27**	NA	Arcadis
	04/07/2020	**1.2**	ND (0.2)	NA	Arcadis
No. of Samples:	27				
MW-173D	03/11/2013	**1.4**	**1.0**	NA	CH2M
	04/15/2013	**1.0**	**0.84**	NA	CH2M
	07/16/2013	**1.1**	**0.73**	NA	CH2M
	10/10/2013	ND (1.0)	**0.75**	NA	CH2M
	01/20/2014	**1.4**	**0.58**	NA	CH2M
	04/17/2014	ND (1.0)	**0.54**	NA	CH2M
	07/10/2014	ND (1.0)	**0.73**	NA	CH2M
	07/10/2014*	ND (1.0)	**0.64**	NA	CH2M
	10/08/2014	ND (1.0)	**0.77**	NA	CH2M
	01/14/2015	ND (1.0)	**0.87**	NA	CH2M
	04/03/2015	ND (1.0)	**0.75**	NA	CH2M
	07/07/2015	ND (1.0)	**0.55**	NA	CH2M
	10/08/2015	ND (1.0)	**0.75**	NA	Arcadis
	10/11/2016	ND (1.0)	**0.61**	NA	Arcadis
	10/03/2017	**1.3**	**0.68**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-173D	10/09/2018	**1.1**	**0.88**	NA	Arcadis
	10/10/2019	ND (1.0)	**0.83**	NA	Arcadis
No. of Samples:	17				
MW-173S1	03/11/2013	**4.3**	**4.2**	NA	CH2M
	04/08/2013	**5.0**	**4.9**	NA	CH2M
	07/16/2013	**3.8**	**3.6**	NA	CH2M
	10/10/2013	**3.7**	**3.6**	NA	CH2M
	01/20/2014	**3.9**	**3.4**	NA	CH2M
	04/17/2014	**3.5**	**3.5**	NA	CH2M
	07/10/2014	**3.2**	**3.4**	NA	CH2M
	10/08/2014	**3.3**	**3.3**	NA	CH2M
	10/08/2014*	**3.2**	**3.4**	NA	CH2M
	01/14/2015	**3.2**	**3.2**	NA	CH2M
	04/03/2015	**3.4**	**3.0**	NA	CH2M
	07/07/2015	**3.3**	**3.1**	NA	CH2M
	10/08/2015	**3.9**	**3.8**	NA	Arcadis
	10/08/2015*	**3.9**	**3.8**	NA	Arcadis
	01/04/2016	**3.5**	**3.4**	NA	Arcadis
	04/06/2016	**3.3**	**3.3**	NA	Arcadis
	07/07/2016	**3.9**	**3.7**	NA	Arcadis
	10/11/2016	**3.7**	**3.3**	NA	Arcadis
	02/02/2017	**3.7**	**3.3**	NA	Arcadis
	04/11/2017	**3.9**	**3.6**	NA	Arcadis
	07/12/2017	**3.8**	**4.0**	NA	Arcadis
	10/03/2017	**5.3**	**4.2**	NA	Arcadis
	01/24/2018	**5.5**	**3.8**	NA	Arcadis
	02/05/2018	**4.2**	**4.0**	NA	Arcadis
	03/07/2018	**3.7**	**3.6**	NA	Arcadis
	04/04/2018	**3.5**	**3.6**	NA	Arcadis
	07/19/2018	**3.7**	**3.7**	NA	Arcadis
	10/09/2018	**4.0**	**4.1**	NA	Arcadis
	01/07/2019	**3.9**	**3.5**	NA	Arcadis
	04/03/2019	**4.8**	**4.6**	NA	Arcadis
	07/11/2019	**4.1**	**3.6**	NA	Arcadis
	10/10/2019	**3.6**	**3.6**	NA	Arcadis
	04/07/2020	**3.6**	**3.5**	NA	Arcadis
No. of Samples:	33				
MW-173S2	03/11/2013	**3.0**	**2.9**	NA	CH2M
	04/16/2013	**2.9**	**3.0**	NA	CH2M
	07/16/2013	**3.0**	**2.9**	NA	CH2M
	10/03/2013	**2.9**	**3.2**	NA	CH2M
	10/03/2013*	**3.0**	**3.2**	NA	CH2M
	01/20/2014	**3.1**	**2.8**	NA	CH2M
	04/17/2014	**2.7**	**3.0**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-173S2	07/10/2014	**2.9**	**2.8**	NA	CH2M
	10/08/2014	**2.7**	**3.0**	NA	CH2M
	01/14/2015	**2.6**	**2.6**	NA	CH2M
	04/03/2015	**3.1**	**2.9**	NA	CH2M
	07/07/2015	**2.7**	**2.6**	NA	CH2M
	10/08/2015	**3.3**	**2.9**	NA	Arcadis
	04/06/2016	**3.3**	**3.0**	NA	Arcadis
	10/11/2016	**3.3**	**2.9**	NA	Arcadis
	10/03/2017	**3.1**	**3.0**	NA	Arcadis
	10/09/2018	**3.2**	**3.1**	NA	Arcadis
	10/10/2019	**3.0**	**3.0**	NA	Arcadis
No. of Samples:	18				
MW-174S1	03/12/2013	**3.1**	**2.9**	NA	CH2M
	04/17/2013	**3.0**	**3.1**	NA	CH2M
	07/02/2013	**2.8**	**3.2**	NA	CH2M
	10/10/2013	**3.1**	**2.9**	NA	CH2M
	01/16/2014	**3.1**	**2.9**	NA	CH2M
	04/10/2014	**3.3**	**3.2**	NA	CH2M
	07/16/2014	**3.4**	**3.0**	NA	CH2M
	10/07/2014	**3.0**	**3.3**	NA	CH2M
	01/12/2015	**2.9**	**3.4**	NA	CH2M
	04/01/2015	**3.5**	**3.4**	NA	CH2M
	07/07/2015	**3.3**	**3.3**	NA	CH2M
	10/07/2015	**3.2**	**3.3**	NA	Arcadis
	01/05/2016	**3.5**	**3.4**	NA	Arcadis
	04/06/2016	**4.1**	**3.2**	NA	Arcadis
	07/07/2016	**3.4**	**3.3**	NA	Arcadis
	10/21/2016	**3.6**	**3.3**	NA	Arcadis
	01/30/2017	**3.2**	**3.3**	NA	Arcadis
	04/03/2017	**3.7**	**3.3**	NA	Arcadis
	07/12/2017	**3.1**	**3.5**	NA	Arcadis
	10/12/2017	**3.6**	**3.4**	NA	Arcadis
	01/10/2018	**3.3**	**3.3**	NA	Arcadis
	04/03/2018	**3.3**	**3.4**	NA	Arcadis
	10/18/2018	**3.8**	**3.5**	NA	Arcadis
	02/11/2019	**3.6**	**3.1**	NA	Arcadis
	04/02/2019	**3.9**	**3.3**	NA	Arcadis
	07/09/2019	**3.6**	**3.5**	NA	Arcadis
	10/08/2019	**3.4**	**3.3**	NA	Arcadis
	04/08/2020	**5.5**	**4.5**	NA	Arcadis
No. of Samples:	28				
MW-174S2	03/12/2013	**2.4**	**2.1**	NA	CH2M
	04/17/2013	**2.2**	**2.1**	NA	CH2M
	07/16/2013	**2.3**	**2.0**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-174S2	10/10/2013	**2.2**	**1.9**	NA	CH2M
	01/16/2014	**2.2**	**1.7**	NA	CH2M
	04/10/2014	**2.3**	**2.2**	NA	CH2M
	04/10/2014*	**2.2**	**2.1**	NA	CH2M
	07/16/2014	**2.5**	**2.1**	NA	CH2M
	10/07/2014	**2.2**	**2.4**	NA	CH2M
	01/12/2015	**2.4**	**2.4**	NA	CH2M
	04/01/2015	**2.8**	**2.4**	NA	CH2M
	07/07/2015	**2.4**	**2.3**	NA	CH2M
	10/07/2015	**2.3**	**2.3**	NA	Arcadis
	10/21/2016	**2.8**	**2.3**	NA	Arcadis
	10/21/2016*	**2.7**	**2.3**	NA	Arcadis
	04/03/2017	**2.7**	**2.3**	NA	Arcadis
	10/12/2017	**2.4**	**2.4**	NA	Arcadis
	10/18/2018	**2.8**	**2.4**	NA	Arcadis
	04/02/2019	**3.7**	**2.2**	NA	Arcadis
	06/06/2019	**3.1**	**2.4**	NA	Arcadis
	10/08/2019	**2.3**	**2.2**	NA	Arcadis
No. of Samples:	21				
MW-174S3	03/11/2013	**2.2**	**1.9**	NA	CH2M
	04/17/2013	**2.3**	**2.1**	NA	CH2M
	07/16/2013	**2.6**	**2.3**	NA	CH2M
	07/16/2013*	**2.7**	**2.3**	NA	CH2M
	10/10/2013	**2.5**	**2.4**	NA	CH2M
	01/16/2014	**3.0**	**2.3**	NA	CH2M
	04/10/2014	**2.6**	**2.6**	NA	CH2M
	07/16/2014	**2.7**	**2.6**	NA	CH2M
	10/07/2014	**2.6**	**2.7**	NA	CH2M
	01/12/2015	**2.3**	**2.6**	NA	CH2M
	04/01/2015	**2.9**	**2.7**	NA	CH2M
	07/07/2015	**2.6**	**2.6**	NA	CH2M
	10/07/2015	**2.7**	**2.6**	NA	Arcadis
	04/06/2016	**4.1**	**2.5**	NA	Arcadis
	06/01/2016	**2.6**	**2.7**	NA	Arcadis
	10/21/2016	**2.9**	**2.5**	NA	Arcadis
	10/12/2017	**2.8**	**2.6**	NA	Arcadis
	10/12/2017*	**2.7**	**2.5**	NA	Arcadis
	10/18/2018	**3.2**	**2.5**	NA	Arcadis
	10/08/2019	**2.7**	**2.4**	NA	Arcadis
No. of Samples:	20				
MW-175D	03/12/2013	**3.5**	**2.9**	NA	CH2M
	04/15/2013	**2.6**	**2.3**	NA	CH2M
	07/16/2013	**2.4**	**2.2**	NA	CH2M
	10/03/2013	**2.7**	**2.5**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-175D	01/23/2014	**2.7**	**2.3**	NA	CH2M
	01/23/2014*	**2.8**	**2.4**	NA	CH2M
	04/17/2014	**2.7**	**2.7**	NA	CH2M
	07/10/2014	**2.6**	**2.6**	NA	CH2M
	10/08/2014	**2.9**	**2.7**	NA	CH2M
	01/14/2015	**2.7**	**2.9**	NA	CH2M
	04/02/2015	**2.9**	**2.6**	NA	CH2M
	07/07/2015	**3.2**	**2.7**	NA	CH2M
	10/08/2015	**3.2**	**3.2**	NA	Arcadis
	10/11/2016	**3.6**	**2.6**	NA	Arcadis
	04/07/2017	**4.4**	**2.4**	NA	Arcadis
	06/22/2017	**2.8**	**2.7**	NA	Arcadis
	11/01/2017	**3.2**	**2.7**	NA	Arcadis
	10/04/2018	**3.3**	**2.4**	NA	Arcadis
	10/23/2019	**2.9**	**2.5**	NA	Arcadis
No. of Samples:	19				
MW-175S1	03/12/2013	**3.9**	**3.5**	NA	CH2M
	04/15/2013	**3.7**	**3.7**	NA	CH2M
	07/16/2013	**3.2**	**3.1**	NA	CH2M
	10/10/2013	**3.2**	**3.1**	NA	CH2M
	10/10/2013*	**3.1**	**3.1**	NA	CH2M
	01/23/2014	**3.0**	**3.2**	NA	CH2M
	04/17/2014	**4.2**	**3.8**	NA	CH2M
	07/10/2014	**3.1**	**3.2**	NA	CH2M
	10/08/2014	**3.4**	**3.3**	NA	CH2M
	01/14/2015	**3.1**	**3.4**	NA	CH2M
	04/02/2015	**3.6**	**3.2**	NA	CH2M
	07/07/2015	**3.2**	**3.2**	NA	CH2M
	07/07/2015*	**3.2**	**3.1**	NA	CH2M
	10/08/2015	**3.4**	**3.2**	NA	Arcadis
	01/05/2016	**3.7**	**3.3**	NA	Arcadis
	04/06/2016	**3.2**	**3.2**	NA	Arcadis
	04/06/2016*	**3.4**	**3.2**	NA	Arcadis
	07/07/2016	**3.4**	**3.2**	NA	Arcadis
	10/11/2016	**3.2**	**3.1**	NA	Arcadis
	04/07/2017	**3.3**	**3.1**	NA	Arcadis
	11/01/2017	**3.3**	**3.2**	NA	Arcadis
	04/05/2018	**3.3**	**3.3**	NA	Arcadis
	10/04/2018	**3.2**	**3.2**	NA	Arcadis
	04/08/2019	**3.3**	**3.3**	NA	Arcadis
	10/23/2019	**3.3**	**3.0**	NA	Arcadis
	04/15/2020	**3.8**	**3.2**	NA	Arcadis
No. of Samples:	26				
MW-175S2	03/12/2013	**3.3**	**3.0**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-175S2	04/15/2013	**3.0**	**3.1**	NA	CH2M
	07/16/2013	**3.1**	**3.0**	NA	CH2M
	10/03/2013	**2.9**	**3.2**	NA	CH2M
	01/23/2014	**3.0**	**3.0**	NA	CH2M
	04/17/2014	**3.1**	**3.2**	NA	CH2M
	07/10/2014	**3.1**	**3.1**	NA	CH2M
	10/08/2014	**3.2**	**3.2**	NA	CH2M
	01/14/2015	**3.0**	**3.3**	NA	CH2M
	04/02/2015	**3.6**	**3.2**	NA	CH2M
	04/02/2015*	**3.4**	**3.2**	NA	CH2M
	07/07/2015	**3.0**	**3.2**	NA	CH2M
	10/08/2015	**3.2**	**2.7**	NA	Arcadis
	04/06/2016	**3.8**	**3.1**	NA	Arcadis
	10/11/2016	**3.5**	**3.0**	NA	Arcadis
	11/01/2017	**3.0**	**3.0**	NA	Arcadis
	10/04/2018	**3.1**	**3.1**	NA	Arcadis
	10/23/2019	**3.3**	**3.0**	NA	Arcadis
No. of Samples:	18				
MW-176S	03/12/2013	**1.3**	**1.2**	NA	CH2M
	04/16/2013	**1.2**	**1.1**	NA	CH2M
	07/10/2013	**1.7**	**1.3**	NA	CH2M
	10/16/2013	**1.5**	**0.88**	NA	CH2M
	01/21/2014	**1.2**	**0.8**	NA	CH2M
	04/18/2014	**1.5**	**1.4**	NA	CH2M
	07/24/2014	**1.6**	**1.3**	NA	CH2M
	10/10/2014	**1.3**	**1.3**	NA	CH2M
	10/10/2014*	**1.3**	**1.3**	NA	CH2M
	01/20/2015	**1.4**	**1.2**	NA	CH2M
	04/08/2015	**1.2**	**1.1**	NA	CH2M
	07/13/2015	ND (1.0)	**1.0**	NA	CH2M
	10/13/2015	ND (1.0)	**0.77**	NA	Arcadis
	10/13/2015*	ND (1.0)	**0.78**	NA	Arcadis
No. of Samples:	14				
MW-177D	08/02/2013	NA	**1.3**	NA	CH2M
	10/08/2013	NA	**1.4**	NA	CH2M
	01/13/2014	NA	**1.6**	NA	CH2M
	04/03/2014	NA	**1.6**	NA	CH2M
	04/03/2014*	NA	**1.6**	NA	CH2M
	07/14/2014	NA	**1.8**	NA	CH2M
	10/16/2014	NA	**1.5**	NA	CH2M
	01/06/2015	NA	**1.7**	NA	CH2M
	04/13/2015	NA	**1.7**	NA	CH2M
	07/22/2015	NA	**1.6**	NA	CH2M
	10/19/2015	NA	**1.7**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-177D	01/18/2016	NA	**1.6**	NA	Arcadis
	04/18/2016	NA	**1.7**	NA	Arcadis
	07/19/2016	**1.9**	**1.5**	NA	Arcadis
	10/14/2016	**1.8**	**1.5**	NA	Arcadis
	01/09/2017	**2.7**	**1.5**	NA	Arcadis
	04/18/2017	**1.7**	**1.5**	NA	Arcadis
	07/26/2017	**1.7**	**1.5**	NA	Arcadis
	11/03/2017	**1.6**	**1.6**	NA	Arcadis
	01/17/2018	**2.0**	**1.5**	NA	Arcadis
	04/19/2018	**1.8**	**1.6**	NA	Arcadis
	07/19/2018	**1.6**	**1.5**	NA	Arcadis
	10/05/2018	**1.7**	**1.5**	NA	Arcadis
	01/14/2019	**2.0**	**1.5**	NA	Arcadis
	04/11/2019	**1.9**	**1.5**	NA	Arcadis
	07/12/2019	**1.8**	**1.8**	NA	Arcadis
	11/06/2019	**2.0**	**1.4**	NA	Arcadis
	01/21/2020	**2.0**	**1.9**	NA	Arcadis
	04/15/2020	**1.9**	**1.6**	NA	Arcadis
No. of Samples:	29				
MW-177S	08/02/2013	NA	**0.65**	NA	CH2M
	10/08/2013	NA	**0.64**	NA	CH2M
	01/13/2014	NA	**0.67**	NA	CH2M
	04/03/2014	NA	**0.71**	NA	CH2M
	07/14/2014	NA	**0.58**	NA	CH2M
	10/16/2014	NA	**0.72**	NA	CH2M
	01/06/2015	NA	**0.76**	NA	CH2M
	04/13/2015	NA	**0.75**	NA	CH2M
	07/22/2015	NA	**0.75**	NA	CH2M
	10/19/2015	NA	**0.82**	NA	Arcadis
	01/18/2016	NA	**0.75**	NA	Arcadis
	04/18/2016	NA	**0.79**	NA	Arcadis
	07/19/2016	**1.0**	**0.84**	NA	Arcadis
	10/14/2016	**1.1**	**0.76**	NA	Arcadis
	01/09/2017	**2.4**	**0.74**	NA	Arcadis
	04/18/2017	**1.3**	**0.79**	NA	Arcadis
	07/26/2017	ND (1.0)	**0.79**	NA	Arcadis
	11/03/2017	**1.1**	**0.85**	NA	Arcadis
	01/17/2018	**3.8**	**0.83**	NA	Arcadis
	03/08/2018	**1.0**	**0.82**	NA	Arcadis
	04/19/2018	**1.0**	**0.84**	NA	Arcadis
	07/19/2018	ND (1.0)	**0.87**	NA	Arcadis
	10/05/2018	**1.2**	**0.77**	NA	Arcadis
	01/14/2019	**1.0**	**0.77**	NA	Arcadis
	04/11/2019	**1.0**	**0.88**	NA	Arcadis
	07/12/2019	**1.1**	**0.89**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-177S	11/06/2019	**2.3**	**0.8**	NA	Arcadis
	01/21/2020	**1.1**	**0.83**	NA	Arcadis
	04/15/2020	**3.7**	**0.52**	NA	Arcadis
	06/04/2020	**2.2**	**1.8**	NA	Arcadis
No. of Samples:	30				
MW-178D	07/01/2013	NA	**68**	NA	CH2M
	10/21/2013	NA	**91**	NA	CH2M
	01/13/2014	NA	**170**	NA	CH2M
	04/09/2014	NA	**290**	NA	CH2M
	07/15/2014	NA	**290**	NA	CH2M
	10/16/2014	NA	**270**	NA	CH2M
	01/06/2015	NA	**210**	NA	CH2M
	04/13/2015	NA	**230**	NA	CH2M
	04/13/2015*	NA	**230**	NA	CH2M
	07/22/2015	NA	**230**	NA	CH2M
	10/22/2015	NA	**240**	NA	Arcadis
	01/18/2016	NA	**240**	NA	Arcadis
	04/22/2016	NA	**140**	NA	Arcadis
	07/19/2016	**230**	**190**	NA	Arcadis
	10/14/2016	**300**	**260**	NA	Arcadis
	01/09/2017	**180**	**160**	NA	Arcadis
	04/06/2017	**280**	**280**	NA	Arcadis
	07/26/2017	**160**	**150**	NA	Arcadis
	11/02/2017	**210**	**220**	NA	Arcadis
	01/17/2018	**250**	**210**	NA	Arcadis
	01/17/2018*	**250**	**210**	NA	Arcadis
	04/19/2018	**220**	**220**	NA	Arcadis
	07/19/2018	**180**	**160**	NA	Arcadis
	10/05/2018	**250**	**220**	NA	Arcadis
	01/14/2019	**200**	**180**	NA	Arcadis
	04/11/2019	**200**	**180**	NA	Arcadis
	07/15/2019	**120**	**120**	NA	Arcadis
	11/06/2019	**62**	**45**	NA	Arcadis
	01/17/2020	**52**	**46**	NA	Arcadis
	01/17/2020*	**51**	**41**	NA	Arcadis
	05/06/2020	**79**	**79**	NA	Arcadis
	05/06/2020*	**85**	**87**	NA	Arcadis
No. of Samples:	32				
MW-178S	07/01/2013	NA	**270**	NA	CH2M
	10/21/2013	NA	**260**	NA	CH2M
	10/21/2013*	NA	**270**	NA	CH2M
	01/13/2014	NA	**250**	NA	CH2M
	04/09/2014	NA	**220**	NA	CH2M
	07/15/2014	NA	**220**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-178S	10/16/2014	NA	**210**	NA	CH2M
	01/06/2015	**220**	**210**	NA	CH2M
	04/13/2015	**180**	**200**	NA	CH2M
	07/22/2015	**210**	**190**	NA	CH2M
	10/22/2015	**170**	**190**	NA	Arcadis
	01/18/2016	**200**	**180**	NA	Arcadis
	04/22/2016	**160**	**180**	NA	Arcadis
	07/19/2016	**180**	**170**	NA	Arcadis
	07/19/2016*	**170**	**160**	NA	Arcadis
	10/14/2016	**170**	**160**	NA	Arcadis
	01/09/2017	**190**	**160**	NA	Arcadis
	04/06/2017	**150**	**160**	NA	Arcadis
	04/06/2017*	**150**	**160**	NA	Arcadis
	07/26/2017	**150**	**160**	NA	Arcadis
	07/26/2017*	**150**	**160**	NA	Arcadis
	11/02/2017	**170**	**180**	NA	Arcadis
	01/17/2018	**170**	**160**	NA	Arcadis
	04/12/2018	**160**	**160**	NA	Arcadis
	07/19/2018	**160**	**180**	NA	Arcadis
	07/19/2018*	**170**	**180**	NA	Arcadis
	10/05/2018	**140**	**140**	NA	Arcadis
	10/05/2018*	**130**	**140**	NA	Arcadis
	01/14/2019	**140**	**130**	NA	Arcadis
	01/14/2019*	**140**	**130**	NA	Arcadis
	04/11/2019	**120**	**120**	NA	Arcadis
	04/11/2019*	**120**	**120**	NA	Arcadis
	07/15/2019	**99**	**100**	NA	Arcadis
	10/22/2019	**85**	**84**	NA	Arcadis
	01/17/2020	130 J	**110**	NA	Arcadis
	05/06/2020	**120**	**130**	NA	Arcadis
	05/06/2020*	**120**	**120**	NA	Arcadis
No. of Samples:	37				
MW-179D	07/01/2013	NA	**25**	NA	CH2M
	07/01/2013*	NA	**25**	NA	CH2M
	10/03/2013	NA	**26**	NA	CH2M
	01/13/2014	NA	**26**	NA	CH2M
	04/07/2014	NA	**26**	NA	CH2M
	07/15/2014	NA	**26**	NA	CH2M
	10/16/2014	NA	**27**	NA	CH2M
	01/06/2015	NA	**29**	NA	CH2M
	04/13/2015	NA	**28**	NA	CH2M
	07/22/2015	NA	**27**	NA	CH2M
	07/22/2015*	NA	**26**	NA	CH2M
	10/22/2015	NA	**29**	NA	Arcadis
	01/18/2016	NA	**30**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-179D	04/22/2016	NA	**32**	NA	Arcadis
	04/22/2016*	NA	**32**	NA	Arcadis
	07/21/2016	**31**	**29**	NA	Arcadis
	10/14/2016	**31**	**29**	NA	Arcadis
	01/09/2017	**32**	**28**	NA	Arcadis
	04/19/2017	**28**	**28**	NA	Arcadis
	07/26/2017	**26**	**27**	NA	Arcadis
	11/03/2017	**26**	**28**	NA	Arcadis
	01/17/2018	**28**	**26**	NA	Arcadis
	04/19/2018	**27**	**26**	NA	Arcadis
	07/19/2018	**27**	**29**	NA	Arcadis
	10/05/2018	**30**	**30**	NA	Arcadis
	01/14/2019	**32**	**30**	NA	Arcadis
	04/12/2019	**34**	**32**	NA	Arcadis
	07/15/2019	**25**	**27**	NA	Arcadis
	11/06/2019	**24**	**24**	NA	Arcadis
	01/15/2020	**22**	**22**	NA	Arcadis
	04/21/2020	**23**	**23**	NA	Arcadis
No. of Samples:	31				
MW-179M	04/12/2019	**8.2**	**7.6**	NA	Arcadis
	07/15/2019	**5.7**	**5.9**	NA	Arcadis
	11/06/2019	**10**	**10**	NA	Arcadis
	01/15/2020	**9.9**	**10**	NA	Arcadis
	04/21/2020	**11**	**11**	NA	Arcadis
No. of Samples:	5				
MW-179S	07/01/2013	NA	ND (0.78)	NA	CH2M
	10/03/2013	NA	**0.68**	NA	CH2M
	01/13/2014	NA	**0.6**	NA	CH2M
	04/07/2014	NA	**0.59**	NA	CH2M
	07/15/2014	NA	**0.57**	NA	CH2M
	10/16/2014	NA	**0.55**	NA	CH2M
	01/06/2015	NA	**0.55**	NA	CH2M
	04/13/2015	NA	**0.57**	NA	CH2M
	07/22/2015	NA	**0.65**	NA	CH2M
	10/22/2015	NA	**0.67**	NA	Arcadis
	01/18/2016	NA	**0.6**	NA	Arcadis
	04/22/2016	NA	**0.68**	NA	Arcadis
	07/21/2016	ND (1.0)	**0.71**	NA	Arcadis
	01/09/2017	**2.1**	**0.71**	NA	Arcadis
	07/26/2017	ND (1.0)	**0.61**	NA	Arcadis
	01/17/2018	**7.2**	**1.4**	NA	Arcadis
	03/08/2018	**2.1**	**1.7**	NA	Arcadis
	07/19/2018	**4.3**	**4.3**	NA	Arcadis
	09/05/2018	**6.1**	**5.8**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-179S	11/27/2018	**6.6**	**6.8**	NA	Arcadis
	01/14/2019	**7.7**	**7.2**	NA	Arcadis
	04/12/2019	**8.4**	**7.7**	NA	Arcadis
	11/06/2019	**6.7**	**6.3**	NA	Arcadis
No. of Samples:	23				
MW-180RD	07/24/2013	NA	**69**	NA	CH2M
	10/21/2013	NA	**94**	NA	CH2M
	01/07/2014	NA	**290**	NA	CH2M
	04/10/2014	NA	**100**	NA	CH2M
	07/18/2014	NA	**95**	NA	CH2M
	07/18/2014*	NA	**95**	NA	CH2M
	10/16/2014	NA	**97**	NA	CH2M
	01/06/2015	NA	**110**	NA	CH2M
	04/14/2015	NA	**97**	NA	CH2M
	07/21/2015	NA	**110**	NA	CH2M
	10/21/2015	NA	**220**	NA	Arcadis
	01/18/2016	NA	**200**	NA	Arcadis
	04/22/2016	NA	**200**	NA	Arcadis
	07/21/2016	**210**	**180**	NA	Arcadis
	10/14/2016	**200**	**190**	NA	Arcadis
	01/11/2017	**170**	**150**	NA	Arcadis
	04/19/2017	**160**	**170**	NA	Arcadis
	07/26/2017	**160**	**160**	NA	Arcadis
	11/03/2017	**140**	**160**	NA	Arcadis
	01/18/2018	**130**	**120**	NA	Arcadis
	04/19/2018	**92**	**96**	NA	Arcadis
	07/12/2018	**67**	**69**	NA	Arcadis
	07/12/2018*	**69**	**72**	NA	Arcadis
	10/03/2018	**52**	**51**	NA	Arcadis
	01/11/2019	**43**	**39**	NA	Arcadis
	01/11/2019*	**43**	**39**	NA	Arcadis
	04/11/2019	**37**	**32**	NA	Arcadis
	07/12/2019	**26**	**22**	NA	Arcadis
	07/12/2019*	**25**	**20**	NA	Arcadis
	11/06/2019	**7.9**	**6.7**	NA	Arcadis
	01/20/2020	**13**	**11**	NA	Arcadis
	03/05/2020	**12**	**11**	NA	Arcadis
	04/17/2020	**6.9**	**4.7**	NA	Arcadis
No. of Samples:	33				
MW-180RS	07/24/2013	NA	**86**	NA	CH2M
	10/21/2013	NA	**94**	NA	CH2M
	01/07/2014	NA	**78**	NA	CH2M
	04/10/2014	NA	**99**	NA	CH2M
	07/18/2014	NA	**92**	NA	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-180RS	10/16/2014	NA	**93**	NA	CH2M
	01/06/2015	NA	**100**	NA	CH2M
	04/14/2015	NA	**92**	NA	CH2M
	07/21/2015	NA	**92**	NA	CH2M
	10/21/2015	NA	**93**	NA	Arcadis
	01/18/2016	NA	**140**	NA	Arcadis
	04/22/2016	NA	**150**	NA	Arcadis
	07/21/2016	**160**	**160**	NA	Arcadis
	10/14/2016	**150**	**150**	NA	Arcadis
	01/11/2017	**170**	**170**	NA	Arcadis
	04/19/2017	**120**	**120**	NA	Arcadis
	07/26/2017	**72**	**72**	NA	Arcadis
	07/26/2017*	**71**	**72**	NA	Arcadis
	11/03/2017	**39**	**40**	NA	Arcadis
	01/18/2018	**46**	**41**	NA	Arcadis
	04/19/2018	**91**	**89**	NA	Arcadis
	04/19/2018*	**86**	**90**	NA	Arcadis
	07/12/2018	**71**	**70**	NA	Arcadis
	10/02/2018	**75**	**68**	NA	Arcadis
	01/11/2019	**34**	**30**	NA	Arcadis
	04/11/2019	**69**	**70**	NA	Arcadis
	07/12/2019	**66**	**65**	NA	Arcadis
	11/06/2019	**2.5**	**1.7**	NA	Arcadis
	01/20/2020	**79**	**80**	NA	Arcadis
	04/17/2020	**61**	**59**	NA	Arcadis
No. of Samples:	30				
MW-181D	08/02/2013	NA	**1.1**	NA	CH2M
	10/08/2013	NA	**1.3**	NA	CH2M
	01/07/2014	NA	**1.1**	NA	CH2M
	04/09/2014	NA	ND (1.2)	NA	CH2M
	04/09/2014*	NA	ND (1.2)	NA	CH2M
	07/15/2014	NA	**1.2**	NA	CH2M
	10/16/2014	NA	**1.1**	NA	CH2M
	01/06/2015	NA	**1.2**	NA	CH2M
	04/14/2015	NA	**1.2**	NA	CH2M
	07/21/2015	NA	ND (1.1)	NA	CH2M
	10/19/2015	NA	**1.1**	NA	Arcadis
	01/18/2016	NA	**1.1**	NA	Arcadis
	04/13/2016	NA	**1.0**	NA	Arcadis
	07/21/2016	ND (1.0)	**1.0**	NA	Arcadis
	01/11/2017	ND (1.0)	**0.6**	NA	Arcadis
	07/25/2017	**1.0**	**0.83**	NA	Arcadis
	01/18/2018	**1.3**	**0.83**	NA	Arcadis
	01/18/2018*	**1.1**	**0.83**	NA	Arcadis
	07/12/2018	**1.1**	**0.98**	NA	Arcadis

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Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-181D	01/14/2019	**1.3**	**0.89**	NA	Arcadis
	07/12/2019	ND (1.0)	**1.1**	NA	Arcadis
	01/20/2020	**1.3**	**1.1**	NA	Arcadis
No. of Samples:	22				
MW-181S	08/02/2013	NA	**0.93**	NA	CH2M
	10/08/2013	NA	**0.85**	NA	CH2M
	01/07/2014	NA	**0.8**	NA	CH2M
	04/09/2014	NA	ND (0.77)	NA	CH2M
	07/15/2014	NA	**0.77**	NA	CH2M
	10/16/2014	NA	**0.73**	NA	CH2M
	01/06/2015	NA	**0.8**	NA	CH2M
	01/06/2015*	NA	**0.81**	NA	CH2M
	04/14/2015	NA	**0.82**	NA	CH2M
	07/21/2015	NA	ND (0.8)	NA	CH2M
	10/19/2015	NA	**0.85**	NA	Arcadis
	01/18/2016	NA	**0.8**	NA	Arcadis
	04/13/2016	NA	**0.83**	NA	Arcadis
	07/21/2016	ND (1.0)	**0.87**	NA	Arcadis
	01/11/2017	**1.2**	**0.73**	NA	Arcadis
	07/25/2017	ND (1.0)	**0.82**	NA	Arcadis
	01/18/2018	**1.2**	**0.83**	NA	Arcadis
	07/12/2018	**1.5**	**0.69**	NA	Arcadis
	01/14/2019	**1.2**	**0.69**	NA	Arcadis
	07/12/2019	ND (1.0)	**0.82**	NA	Arcadis
	01/20/2020	ND (1.0)	**0.85**	NA	Arcadis
No. of Samples:	21				
MW-182D	07/02/2013	NA	**37**	NA	CH2M
	07/02/2013*	NA	**36**	NA	CH2M
	10/03/2013	NA	**40**	NA	CH2M
	01/07/2014	NA	**33**	NA	CH2M
	04/09/2014	NA	**42**	NA	CH2M
	07/15/2014	NA	**39**	NA	CH2M
	10/15/2014	NA	**27**	NA	CH2M
	10/15/2014*	NA	**28**	NA	CH2M
	01/06/2015	NA	**21**	NA	CH2M
	04/09/2015	NA	**28**	NA	CH2M
	07/20/2015	NA	**30**	NA	CH2M
	10/22/2015	NA	**16**	NA	Arcadis
	10/22/2015*	NA	**17**	NA	Arcadis
	01/19/2016	NA	**13**	NA	Arcadis
	01/19/2016*	NA	**13**	NA	Arcadis
	04/13/2016	NA	**13**	NA	Arcadis
	07/21/2016	**9.2**	**8.6**	NA	Arcadis
	10/21/2016	**3.5**	**3.4**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-182D	01/10/2017	**4.6**	**4.3**	NA	Arcadis
	04/12/2017	**5.8**	**5.2**	NA	Arcadis
	07/20/2017	**3.6**	**3.7**	NA	Arcadis
	10/17/2017	**2.7**	**2.7**	NA	Arcadis
	10/17/2017*	**2.7**	**2.7**	NA	Arcadis
	01/10/2018	**2.6**	**2.1**	NA	Arcadis
	06/04/2018	**2.8**	**1.6**	NA	Arcadis
	08/06/2018	**2.5**	**2.2**	NA	Arcadis
	11/07/2018	**2.2**	**2.0**	NA	Arcadis
	02/12/2019	**2.8**	**1.9**	NA	Arcadis
	05/10/2019	**2.5**	**2.3**	NA	Arcadis
	08/06/2019	**4.3**	**3.0**	NA	Arcadis
	09/03/2019	**3.5**	**3.2**	NA	Arcadis
	11/06/2019	**3.6**	**2.4**	NA	Arcadis
	02/03/2020	**2.5**	**2.4**	NA	Arcadis
	05/05/2020	**3.2**	**2.4**	NA	Arcadis
No. of Samples:	34				
MW-182S	07/02/2013	NA	**41**	NA	CH2M
	10/03/2013	NA	**35**	NA	CH2M
	01/07/2014	NA	**25**	NA	CH2M
	04/09/2014	NA	**24**	NA	CH2M
	07/15/2014	NA	**30**	NA	CH2M
	10/15/2014	NA	**22**	NA	CH2M
	01/06/2015	NA	**11**	NA	CH2M
	04/09/2015	NA	**14**	NA	CH2M
	07/20/2015	NA	**13**	NA	CH2M
	10/22/2015	NA	**13**	NA	Arcadis
	01/19/2016	NA	**5.1**	NA	Arcadis
	04/13/2016	NA	**5.7**	NA	Arcadis
	07/21/2016	**6.3**	**6.2**	NA	Arcadis
	10/21/2016	**5.8**	**5.6**	NA	Arcadis
	01/10/2017	**7.8**	**6.8**	NA	Arcadis
	04/12/2017	**3.5**	**3.2**	NA	Arcadis
	07/20/2017	**3.5**	**3.6**	NA	Arcadis
	10/17/2017	**4.5**	**2.9**	NA	Arcadis
	01/10/2018	**4.0**	**4.0**	NA	Arcadis
	06/04/2018	**2.8**	**2.3**	NA	Arcadis
	08/06/2018	**3.1**	**2.8**	NA	Arcadis
	08/06/2018*	**3.0**	**2.8**	NA	Arcadis
	11/07/2018	**2.9**	**2.3**	NA	Arcadis
	02/12/2019	**3.1**	**2.1**	NA	Arcadis
	05/10/2019	**1.9**	**1.7**	NA	Arcadis
	05/10/2019*	**1.7**	**1.5**	NA	Arcadis
	08/06/2019	**2.8**	**2.2**	NA	Arcadis
	11/06/2019	**4.7**	**4.0**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-182S	02/03/2020	**4.8**	**3.7**	NA	Arcadis
	05/05/2020	**4.4**	**3.8**	NA	Arcadis
No. of Samples:	30				
MW-183D	07/02/2013	NA	**18**	NA	CH2M
	10/03/2013	NA	**22**	NA	CH2M
	01/07/2014	NA	**30**	NA	CH2M
	04/09/2014	NA	**30**	NA	CH2M
	07/15/2014	NA	**22**	NA	CH2M
	07/15/2014*	NA	**21**	NA	CH2M
	10/15/2014	NA	**23**	NA	CH2M
	01/06/2015	NA	**29**	NA	CH2M
	04/09/2015	NA	**30**	NA	CH2M
	07/20/2015	NA	**18**	NA	CH2M
	10/22/2015	NA	**20**	NA	Arcadis
	01/19/2016	NA	**26**	NA	Arcadis
	04/13/2016	NA	**20**	NA	Arcadis
	07/14/2016	**24**	**24**	NA	Arcadis
	10/21/2016	**29**	**27**	NA	Arcadis
	01/10/2017	**40**	**36**	NA	Arcadis
	04/12/2017	**35**	**37**	NA	Arcadis
	07/20/2017	**25**	**28**	NA	Arcadis
	10/19/2017	**10**	**9.8**	NA	Arcadis
	01/10/2018	**30**	**28**	NA	Arcadis
	06/04/2018	**15**	**15**	NA	Arcadis
	08/06/2018	**16**	**16**	NA	Arcadis
	11/07/2018	**14**	**14**	NA	Arcadis
	02/12/2019	**28**	**29**	NA	Arcadis
	05/10/2019	**11**	**12**	NA	Arcadis
	08/06/2019	**5.5**	**5.6**	NA	Arcadis
	11/06/2019	**4.8**	**4.6**	NA	Arcadis
	02/03/2020	**9.4**	**9.0**	NA	Arcadis
	05/05/2020	**2.0**	**1.8**	NA	Arcadis
No. of Samples:	29				
MW-183S	07/02/2013	NA	**36**	NA	CH2M
	10/03/2013	NA	**41**	NA	CH2M
	01/07/2014	NA	**39**	NA	CH2M
	04/09/2014	NA	**35**	NA	CH2M
	07/15/2014	NA	**33**	NA	CH2M
	10/15/2014	NA	**30**	NA	CH2M
	01/06/2015	NA	**29**	NA	CH2M
	04/09/2015	NA	**28**	NA	CH2M
	07/20/2015	NA	**32**	NA	CH2M
	10/22/2015	NA	**25**	NA	Arcadis
	01/19/2016	NA	**27**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-183S	04/13/2016	NA	**24**	NA	Arcadis
	07/14/2016	**32**	**33**	NA	Arcadis
	07/14/2016*	**34**	**33**	NA	Arcadis
	10/21/2016	**39**	**36**	NA	Arcadis
	10/21/2016*	**38**	**36**	NA	Arcadis
	01/10/2017	**44**	**42**	NA	Arcadis
	04/12/2017	**37**	**40**	NA	Arcadis
	07/20/2017	**25**	**28**	NA	Arcadis
	10/19/2017	**14**	**13**	NA	Arcadis
	01/10/2018	**12**	**11**	NA	Arcadis
	06/04/2018	**8.0**	**7.3**	NA	Arcadis
	08/06/2018	**7.9**	**7.9**	NA	Arcadis
	11/07/2018	**7.5**	**7.3**	NA	Arcadis
	02/12/2019	**10**	**8.6**	NA	Arcadis
	05/10/2019	**8.2**	**8.7**	NA	Arcadis
	08/06/2019	**3.4**	**3.2**	NA	Arcadis
	11/06/2019	**2.9**	**2.6**	NA	Arcadis
	11/06/2019*	**2.9**	**2.6**	NA	Arcadis
	02/03/2020	**5.6**	**4.8**	NA	Arcadis
	05/05/2020	**6.6**	**5.5**	NA	Arcadis
No. of Samples:	31				
MW-184S1	07/24/2013	**2.6**	**2.4**	NA	CH2M
	10/10/2013	**3.3**	**3.1**	NA	CH2M
	01/14/2014	**6.4**	**5.2**	NA	CH2M
	04/10/2014	**4.1**	**4.0**	NA	CH2M
	04/10/2014*	**3.9**	**3.9**	NA	CH2M
	07/24/2014	**4.0**	**3.6**	NA	CH2M
	10/06/2014	**3.5**	**3.3**	NA	CH2M
	01/12/2015	**2.9**	**3.1**	NA	CH2M
	04/01/2015	**3.3**	**3.1**	NA	CH2M
	07/06/2015	**2.5**	**2.0**	NA	CH2M
	10/06/2015	**2.7**	**1.9**	NA	Arcadis
	04/04/2016	**2.6**	**1.9**	NA	Arcadis
	07/06/2016	**5.2**	**1.5**	NA	Arcadis
	09/08/2016	**2.1**	**1.7**	NA	Arcadis
	10/05/2016	**2.4**	**1.6**	NA	Arcadis
	01/04/2017	**2.4**	**1.8**	NA	Arcadis
	01/04/2017*	**2.5**	**1.8**	NA	Arcadis
	04/04/2017	**2.6**	**2.1**	NA	Arcadis
	07/11/2017	**1.9**	**2.2**	NA	Arcadis
	10/05/2017	**2.7**	**2.3**	NA	Arcadis
	01/09/2018	**3.4**	**2.7**	NA	Arcadis
	10/11/2018	**2.6**	**2.3**	NA	Arcadis
	10/11/2018*	**2.7**	**2.3**	NA	Arcadis
	10/14/2019	**2.4**	**1.9**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-184S1	10/14/2019*	**2.2**	**1.9**	NA	Arcadis
	05/07/2020	**2.3**	**2.4**	NA	Arcadis
No. of Samples:	26				
MW-184S2	07/24/2013	**4.2**	**3.9**	NA	CH2M
	10/10/2013	**3.9**	**3.5**	NA	CH2M
	01/14/2014	ND (1.0)	**0.14**	NA	CH2M
	04/10/2014	**3.4**	**3.4**	NA	CH2M
	07/24/2014	**3.2**	**2.5**	NA	CH2M
	10/06/2014	**3.3**	**3.1**	NA	CH2M
	01/12/2015	**3.0**	**3.2**	NA	CH2M
	04/01/2015	**2.9**	**2.7**	NA	CH2M
	07/06/2015	**3.4**	**2.9**	NA	CH2M
	10/06/2015	**3.7**	**3.3**	NA	Arcadis
	10/05/2016	**4.3**	**3.0**	NA	Arcadis
	12/07/2016	**4.0**	**3.0**	NA	Arcadis
	10/05/2017	**5.0**	**3.5**	NA	Arcadis
	11/29/2017	**4.1**	**3.7**	NA	Arcadis
	10/11/2018	**4.6**	**3.8**	NA	Arcadis
	04/02/2019	**4.8**	**4.2**	NA	Arcadis
	10/14/2019	**4.5**	**3.7**	NA	Arcadis
	02/04/2020	**5.4**	**4.0**	NA	Arcadis
	03/04/2020	**4.7**	**3.9**	NA	Arcadis
	05/07/2020	**4.5**	**3.9**	NA	Arcadis
No. of Samples:	20				
MW-184S3	08/08/2013	**4.5**	**4.1**	NA	CH2M
	10/10/2013	**3.8**	**3.7**	NA	CH2M
	01/14/2014	**3.7**	**3.4**	NA	CH2M
	04/10/2014	**4.3**	**4.3**	NA	CH2M
	07/24/2014	**6.1**	**4.0**	NA	CH2M
	10/06/2014	**4.6**	**4.5**	NA	CH2M
	01/12/2015	**4.6**	**4.6**	NA	CH2M
	04/01/2015	**5.2**	**4.5**	NA	CH2M
	07/06/2015	**5.0**	**4.7**	NA	CH2M
	10/06/2015	**5.5**	**4.7**	NA	Arcadis
	01/04/2016	**6.0**	**4.6**	NA	Arcadis
	04/04/2016	**4.7**	**4.7**	NA	Arcadis
	07/06/2016	**6.0**	**4.7**	NA	Arcadis
	10/05/2016	**5.6**	**4.6**	NA	Arcadis
	01/30/2017	**5.3**	**4.6**	NA	Arcadis
	04/04/2017	**5.8**	**4.7**	NA	Arcadis
	07/11/2017	**4.2**	**4.9**	NA	Arcadis
	10/05/2017	**4.7**	**4.6**	NA	Arcadis
	04/03/2018	**5.3**	**4.7**	NA	Arcadis
	10/11/2018	**6.7**	**4.6**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-184S3	11/28/2018	**5.7**	**4.7**	NA	Arcadis
	04/02/2019	**6.0**	**4.8**	NA	Arcadis
	10/14/2019	**5.6**	**4.5**	NA	Arcadis
No. of Samples:	23				
MW-185S1	08/08/2013	**5.8**	**4.9**	NA	CH2M
	08/08/2013*	**5.6**	**4.9**	NA	CH2M
	10/10/2013	**5.3**	**4.5**	NA	CH2M
	01/16/2014	**6.1**	**5.5**	NA	CH2M
	04/09/2014	**7.6**	**7.0**	NA	CH2M
	07/17/2014	**9.2**	**8.4**	NA	CH2M
	10/13/2014	**5.9**	**5.2**	NA	CH2M
	01/12/2015	**4.9**	**5.1**	NA	CH2M
	04/01/2015	**6.5**	**4.5**	NA	CH2M
	07/06/2015	**6.4**	**5.9**	NA	CH2M
	10/06/2015	**5.3**	**5.2**	NA	Arcadis
	01/05/2016	**5.6**	**5.0**	NA	Arcadis
	04/04/2016	**5.1**	**4.9**	NA	Arcadis
	07/05/2016	**5.6**	**4.8**	NA	Arcadis
	07/05/2016*	**5.8**	**5.0**	NA	Arcadis
	10/05/2016	**6.4**	**4.2**	NA	Arcadis
	04/05/2017	**5.1**	**5.0**	NA	Arcadis
	10/05/2017	**4.4**	**4.6**	NA	Arcadis
	04/02/2018	**5.3**	**4.8**	NA	Arcadis
	10/17/2018	**5.8**	**4.8**	NA	Arcadis
	04/02/2019	**4.7**	**4.8**	NA	Arcadis
	10/07/2019	**4.5**	**4.4**	NA	Arcadis
	04/14/2020	**4.7**	**4.5**	NA	Arcadis
No. of Samples:	23				
MW-185S2	07/24/2013	**4.9**	**4.3**	NA	CH2M
	10/10/2013	**2.4**	**1.9**	NA	CH2M
	01/16/2014	**5.5**	**0.73**	NA	CH2M
	03/06/2014	**4.7**	**3.7**	NA	CH2M
	04/09/2014	**5.0**	**3.3**	NA	CH2M
	07/17/2014	**5.5**	**2.7**	NA	CH2M
	07/17/2014*	**5.3**	**2.4**	NA	CH2M
	10/08/2014	**4.1**	**3.9**	NA	CH2M
	01/12/2015	**4.6**	**3.8**	NA	CH2M
	04/01/2015	**5.3**	**3.8**	NA	CH2M
	07/06/2015	**4.3**	**3.8**	NA	CH2M
	10/06/2015	**5.5**	**3.4**	NA	Arcadis
	12/09/2015	**4.5**	**4.1**	NA	Arcadis
	04/04/2016	**4.3**	**3.9**	NA	Arcadis
	10/06/2016	**5.0**	**3.7**	NA	Arcadis
	12/07/2016	**4.9**	**3.7**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-185S2	10/04/2017	**3.7**	**3.7**	NA	Arcadis
	10/17/2018	**4.7**	**3.6**	NA	Arcadis
	11/28/2018	**4.7**	**3.6**	NA	Arcadis
	10/07/2019	**4.5**	**3.7**	NA	Arcadis
No. of Samples:	20				
MW-185S3	07/24/2013	**3.7**	**3.3**	NA	CH2M
	10/10/2013	**3.6**	**3.5**	NA	CH2M
	01/16/2014	**3.8**	**3.4**	NA	CH2M
	01/16/2014*	**3.5**	**3.4**	NA	CH2M
	04/09/2014	**4.5**	**4.2**	NA	CH2M
	07/17/2014	**4.9**	**4.4**	NA	CH2M
	10/08/2014	**3.9**	**3.8**	NA	CH2M
	01/12/2015	**3.9**	**4.2**	NA	CH2M
	04/01/2015	**4.3**	**4.0**	NA	CH2M
	07/06/2015	**4.1**	**4.0**	NA	CH2M
	10/06/2015	**3.9**	**3.9**	NA	Arcadis
	10/05/2016	**4.7**	**3.8**	NA	Arcadis
	10/04/2017	**3.9**	**3.9**	NA	Arcadis
	10/17/2018	**4.4**	**3.8**	NA	Arcadis
	10/07/2019	**4.2**	**3.8**	NA	Arcadis
No. of Samples:	15				
MW-186S1	09/26/2013	**4.8**	**4.5**	NA	CH2M
	10/10/2013	**3.9**	**4.1**	NA	CH2M
	01/16/2014	**5.8**	**4.3**	NA	CH2M
	04/10/2014	**9.0**	**5.5**	NA	CH2M
	07/24/2014	**6.2**	**5.0**	NA	CH2M
	10/06/2014	**8.2**	**4.2**	NA	CH2M
	01/12/2015	**4.6**	**4.4**	NA	CH2M
	01/12/2015*	**4.4**	**4.4**	NA	CH2M
	04/01/2015	**7.0**	**5.3**	NA	CH2M
	07/06/2015	**5.6**	**4.2**	NA	CH2M
	10/06/2015	**6.0**	**4.7**	NA	Arcadis
	01/11/2016	**5.8**	**5.2**	NA	Arcadis
	04/04/2016	**6.9**	**5.3**	NA	Arcadis
	07/06/2016	**5.0**	**4.8**	NA	Arcadis
	10/05/2016	**6.3**	**4.2**	NA	Arcadis
	01/30/2017	**5.1**	**4.6**	NA	Arcadis
	04/05/2017	**4.9**	**4.6**	NA	Arcadis
	07/12/2017	**4.3**	**5.0**	NA	Arcadis
	10/10/2017	**5.2**	**4.8**	NA	Arcadis
	01/10/2018	**4.8**	**4.6**	NA	Arcadis
	01/10/2018*	**4.8**	**4.6**	NA	Arcadis
	10/11/2018	**4.9**	**4.7**	NA	Arcadis
	10/07/2019	**5.7**	**4.6**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-186S1	06/03/2020	**5.2**	**4.5**	NA	Arcadis
No. of Samples:	24				
MW-186S2	08/01/2013	**3.5**	**2.9**	NA	CH2M
	10/10/2013	**1.6**	**1.1**	NA	CH2M
	10/10/2013*	**1.6**	**1.0**	NA	CH2M
	01/16/2014	**4.1**	**3.0**	NA	CH2M
	04/10/2014	**3.7**	**3.7**	NA	CH2M
	04/10/2014*	**3.7**	**3.6**	NA	CH2M
	07/24/2014	**4.9**	**3.1**	NA	CH2M
	10/06/2014	**5.2**	**2.3**	NA	CH2M
	01/12/2015	**6.0**	**1.6**	NA	CH2M
	03/03/2015	**5.5**	**1.8**	NA	CH2M
	04/01/2015	**7.1**	**1.4**	NA	CH2M
	07/06/2015	**6.7**	**1.4**	NA	CH2M
	10/06/2015	**6.1**	**1.9**	NA	Arcadis
	12/09/2015	**4.3**	**3.1**	NA	Arcadis
	10/05/2016	**5.9**	**3.0**	NA	Arcadis
	10/05/2016*	**5.5**	**3.0**	NA	Arcadis
	12/07/2016	**12**	**1.6**	NA	Arcadis
	10/09/2017	**5.3**	**3.2**	NA	Arcadis
	11/28/2017	**4.2**	**3.4**	NA	Arcadis
	10/10/2018	**4.7**	**3.6**	NA	Arcadis
	11/28/2018	**5.1**	**3.5**	NA	Arcadis
	04/02/2019	**5.5**	**3.6**	NA	Arcadis
	06/06/2019	**6.7**	**3.3**	NA	Arcadis
	10/07/2019	**3.8**	**2.6**	NA	Arcadis
	12/02/2019	**14**	**3.7**	NA	Arcadis
	02/03/2020	**7.9**	**3.3**	NA	Arcadis
	03/04/2020	**5.5**	**3.4**	NA	Arcadis
	04/14/2020	**4.6**	**3.4**	NA	Arcadis
No. of Samples:	28				
MW-186S3	08/01/2013	**4.3**	**3.5**	NA	CH2M
	10/10/2013	**4.0**	**2.7**	NA	CH2M
	01/16/2014	**4.4**	**3.3**	NA	CH2M
	04/10/2014	**3.9**	**3.4**	NA	CH2M
	07/24/2014	**4.7**	**3.4**	NA	CH2M
	10/06/2014	**4.2**	**3.7**	NA	CH2M
	01/12/2015	**4.1**	**3.9**	NA	CH2M
	04/02/2015	**5.2**	**4.0**	NA	CH2M
	04/02/2015*	**5.1**	**4.0**	NA	CH2M
	07/06/2015	**4.5**	**3.0**	NA	CH2M
	10/06/2015	**4.3**	**3.3**	NA	Arcadis
	04/04/2016	**7.2**	**4.0**	NA	Arcadis
	07/05/2016	**4.4**	**4.0**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-186S3	10/05/2016	**6.2**	**4.1**	NA	Arcadis
	01/04/2017	**5.4**	**4.0**	NA	Arcadis
	04/04/2017	**4.2**	**4.1**	NA	Arcadis
	07/11/2017	**3.8**	**4.2**	NA	Arcadis
	10/09/2017	**5.3**	**4.0**	NA	Arcadis
	11/28/2017	**4.6**	**4.2**	NA	Arcadis
	01/09/2018	**4.2**	**3.9**	NA	Arcadis
	04/02/2018	**5.6**	**4.1**	NA	Arcadis
	06/07/2018	**5.1**	**3.8**	NA	Arcadis
	07/09/2018	**4.4**	**4.0**	NA	Arcadis
	10/10/2018	**4.4**	**4.0**	NA	Arcadis
	10/10/2018*	**4.4**	**4.0**	NA	Arcadis
	04/02/2019	**5.2**	**4.0**	NA	Arcadis
	06/06/2019	**4.3**	**4.2**	NA	Arcadis
	10/07/2019	**6.0**	**3.9**	NA	Arcadis
	12/02/2019	**4.6**	**4.3**	NA	Arcadis
No. of Samples:	29				
MW-187D1	08/01/2013	**2.9**	**2.2**	NA	CH2M
	10/16/2013	**2.8**	**2.3**	NA	CH2M
	01/21/2014	**3.1**	**2.2**	NA	CH2M
	04/18/2014	**2.7**	**2.7**	NA	CH2M
	07/24/2014	**3.3**	**2.7**	NA	CH2M
	10/10/2014	**3.5**	**2.8**	NA	CH2M
	10/10/2014*	**3.3**	**2.8**	NA	CH2M
	01/20/2015	**3.2**	**3.0**	NA	CH2M
	04/08/2015	**3.1**	**2.8**	NA	CH2M
	07/14/2015	**2.9**	**2.8**	NA	CH2M
	10/13/2015	**2.6**	**2.7**	NA	Arcadis
	10/13/2015*	**2.6**	**2.7**	NA	Arcadis
No. of Samples:	12				
MW-187D2	08/01/2013	**1.3**	**0.85**	NA	CH2M
	10/16/2013	**2.2**	**1.7**	NA	CH2M
	01/21/2014	**2.5**	**1.9**	NA	CH2M
	04/18/2014	**2.1**	**2.1**	NA	CH2M
	07/24/2014	**2.7**	**2.2**	NA	CH2M
	10/10/2014	**2.3**	**2.2**	NA	CH2M
	01/20/2015	**2.4**	**2.1**	NA	CH2M
	04/08/2015	**2.4**	**2.3**	NA	CH2M
	07/14/2015	**2.1**	**2.0**	NA	CH2M
	10/13/2015	**1.9**	**2.0**	NA	Arcadis
No. of Samples:	10				
MW-187S1	08/01/2013	**3.4**	**2.4**	NA	CH2M
	10/16/2013	**3.1**	**2.4**	NA	CH2M
	01/21/2014	**2.9**	**1.9**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-187S1	04/18/2014	**3.1**	**2.8**	NA	CH2M
	07/24/2014	**3.1**	**2.6**	NA	CH2M
	10/10/2014	**2.4**	**2.4**	NA	CH2M
	01/20/2015	**2.6**	**2.4**	NA	CH2M
	04/08/2015	**2.6**	**2.3**	NA	CH2M
No. of Samples:	8				
MW-188S1	09/26/2013	**7.2**	**7.0**	NA	CH2M
	09/26/2013*	**6.7**	**7.0**	NA	CH2M
	10/15/2013	**6.7**	**6.8**	NA	CH2M
	01/22/2014	**6.3**	**6.9**	NA	CH2M
	04/10/2014	**8.2**	**7.3**	NA	CH2M
	07/16/2014	**8.2**	**7.2**	NA	CH2M
	10/06/2014	**8.0**	**7.3**	NA	CH2M
	01/13/2015	**7.0**	**6.8**	NA	CH2M
	04/02/2015	**11**	**7.0**	NA	CH2M
	06/22/2015	**7.1**	**7.2**	NA	CH2M
	07/07/2015	**6.7**	**7.0**	NA	CH2M
	10/06/2015	**7.7**	**6.7**	NA	Arcadis
	01/11/2016	**7.2**	**6.8**	NA	Arcadis
	04/06/2016	**7.1**	**6.9**	NA	Arcadis
	07/07/2016	**7.1**	**6.9**	NA	Arcadis
	10/18/2016	**6.7**	**6.8**	NA	Arcadis
	04/04/2017	**6.9**	**6.9**	NA	Arcadis
	10/12/2017	**6.4**	**7.0**	NA	Arcadis
	04/02/2018	**6.7**	**7.0**	NA	Arcadis
	10/18/2018	**7.4**	**6.5**	NA	Arcadis
	04/02/2019	**7.7**	**6.8**	NA	Arcadis
	10/08/2019	**7.0**	**6.4**	NA	Arcadis
	04/14/2020	**6.8**	**6.7**	NA	Arcadis
No. of Samples:	23				
MW-188S2	10/15/2013	**1.5**	**0.94**	NA	CH2M
	01/22/2014	**1.1**	**0.82**	NA	CH2M
	04/11/2014	**3.2**	**2.7**	NA	CH2M
	07/17/2014	**3.7**	**2.7**	NA	CH2M
	10/07/2014	**2.8**	**2.9**	NA	CH2M
	01/14/2015	**2.9**	**2.7**	NA	CH2M
	04/03/2015	**5.2**	**2.1**	NA	CH2M
	07/07/2015	**2.3**	**2.1**	NA	CH2M
	10/07/2015	**4.1**	**3.2**	NA	Arcadis
	10/18/2016	**1.1**	**0.86**	NA	Arcadis
	10/12/2017	**3.0**	**1.7**	NA	Arcadis
	11/29/2017	**2.9**	**3.0**	NA	Arcadis
	10/18/2018	**3.8**	**3.3**	NA	Arcadis
	10/08/2019	**2.1**	**1.7**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	14				
MW-188S3	08/08/2013	**4.5**	**4.1**	NA	CH2M
	10/14/2013	**4.2**	**4.0**	NA	CH2M
	01/22/2014	**5.4**	**3.7**	NA	CH2M
	03/06/2014	**4.4**	**4.5**	NA	CH2M
	03/06/2014*	**4.9**	**4.5**	NA	CH2M
	04/10/2014	**6.6**	**4.4**	NA	CH2M
	07/16/2014	**6.0**	**4.3**	NA	CH2M
	10/06/2014	**6.1**	**4.5**	NA	CH2M
	01/12/2015	**6.2**	**4.7**	NA	CH2M
	04/02/2015	**6.7**	**4.5**	NA	CH2M
	07/07/2015	**5.2**	**4.6**	NA	CH2M
	10/06/2015	**5.9**	**4.6**	NA	Arcadis
	04/04/2016	**8.3**	**4.2**	NA	Arcadis
	10/17/2016	**4.4**	**4.4**	NA	Arcadis
	10/11/2017	**6.3**	**4.5**	NA	Arcadis
	11/28/2017	**5.0**	**4.5**	NA	Arcadis
	10/18/2018	**6.0**	**4.5**	NA	Arcadis
	11/28/2018	**7.0**	**4.5**	NA	Arcadis
	10/08/2019	**4.9**	**4.2**	NA	Arcadis
No. of Samples:	19				
MW-189D1	08/08/2013	ND (1.0)	**0.35**	NA	CH2M
	10/18/2013	ND (1.0)	**0.43**	NA	CH2M
	01/21/2014	**1.2**	**0.44**	NA	CH2M
	04/08/2014	ND (1.0)	**0.5**	NA	CH2M
	07/14/2014	ND (1.0)	**0.56**	NA	CH2M
	10/13/2014	ND (1.0)	**0.55**	NA	CH2M
	01/07/2015	ND (1.0)	**0.53**	NA	CH2M
	04/13/2015	ND (1.0)	**0.52**	NA	CH2M
	07/14/2015	ND (1.0)	**0.64**	NA	CH2M
	07/14/2015*	ND (1.0)	**0.64**	NA	CH2M
	10/07/2015	ND (1.0)	**0.61**	NA	Arcadis
No. of Samples:	11				
MW-189D2	08/08/2013	ND (1.0)	**0.44**	NA	CH2M
	10/18/2013	ND (1.0)	**0.41**	NA	CH2M
	01/21/2014	ND (1.0)	**0.41**	NA	CH2M
	04/08/2014	ND (1.0)	**0.46**	NA	CH2M
	07/14/2014	ND (1.0)	**0.53**	NA	CH2M
	10/13/2014	ND (1.0)	**0.48**	NA	CH2M
	01/07/2015	ND (1.0)	**0.46**	NA	CH2M
	04/13/2015	ND (1.0)	**0.46**	NA	CH2M
	07/14/2015	ND (1.0)	**0.5**	NA	CH2M
	10/07/2015	ND (1.0)	**0.5**	NA	Arcadis
No. of Samples:	10				

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-189D3	08/08/2013	ND (1.0)	**0.66**	NA	CH2M
	10/18/2013	ND (1.0)	**0.63**	NA	CH2M
	01/21/2014	**1.1**	**0.7**	NA	CH2M
	04/08/2014	ND (1.0)	**0.69**	NA	CH2M
	04/08/2014*	ND (1.0)	**0.68**	NA	CH2M
	07/14/2014	ND (1.0)	**0.59**	NA	CH2M
	10/13/2014	ND (1.0)	**0.71**	NA	CH2M
	01/07/2015	ND (1.0)	**0.78**	NA	CH2M
	04/13/2015	ND (1.0)	**0.67**	NA	CH2M
	07/14/2015	ND (1.0)	**0.7**	NA	CH2M
	10/07/2015	ND (1.0)	**0.7**	NA	Arcadis
No. of Samples:	11				
MW-190D1	08/08/2013	**2.0**	**1.7**	NA	CH2M
	10/16/2013	**2.9**	**2.5**	NA	CH2M
	01/21/2014	**3.0**	**2.6**	NA	CH2M
	01/21/2014*	**3.0**	**2.5**	NA	CH2M
	04/14/2014	**3.0**	**2.9**	NA	CH2M
	07/24/2014	**3.1**	**2.8**	NA	CH2M
	10/10/2014	**2.8**	**2.8**	NA	CH2M
	01/21/2015	**3.1**	**2.8**	NA	CH2M
	04/08/2015	**2.9**	**2.9**	NA	CH2M
	07/20/2015	**2.6**	**2.7**	NA	CH2M
	10/13/2015	**3.4**	**3.4**	NA	Arcadis
No. of Samples:	11				
MW-190D2	08/08/2013	**2.7**	**2.4**	NA	CH2M
	10/16/2013	**2.7**	**2.2**	NA	CH2M
	01/21/2014	**3.3**	**2.1**	NA	CH2M
	04/14/2014	**2.6**	**2.3**	NA	CH2M
	07/24/2014	**2.7**	**2.2**	NA	CH2M
	10/10/2014	**2.3**	**2.3**	NA	CH2M
	01/21/2015	**2.6**	**2.4**	NA	CH2M
	01/21/2015*	**2.6**	**2.4**	NA	CH2M
	04/08/2015	**2.4**	**2.3**	NA	CH2M
	07/20/2015	**2.2**	**2.3**	NA	CH2M
	10/13/2015	**3.0**	**2.2**	NA	Arcadis
No. of Samples:	11				
MW-190S1	08/08/2013	**2.7**	**2.2**	NA	CH2M
	10/16/2013	**2.6**	**1.7**	NA	CH2M
	01/21/2014	**3.4**	**2.6**	NA	CH2M
	04/14/2014	**3.1**	**3.0**	NA	CH2M
	07/24/2014	**3.1**	**2.6**	NA	CH2M
	10/10/2014	**2.3**	**2.5**	NA	CH2M
	10/10/2014*	**2.3**	**2.5**	NA	CH2M
	01/21/2015	**3.1**	**2.1**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-190S1	04/08/2015	**2.1**	**1.6**	NA	CH2M
	07/20/2015	**2.7**	**2.7**	NA	CH2M
	10/13/2015	**2.9**	**2.6**	NA	Arcadis
	10/13/2015*	**2.8**	**2.7**	NA	Arcadis
No. of Samples:	12				
MW-191D1	08/26/2013	**2.2**	**2.1**	NA	CH2M
	10/18/2013	**2.4**	**2.2**	NA	CH2M
	01/21/2014	**1.8**	**1.5**	NA	CH2M
	04/08/2014	**1.7**	**1.6**	NA	CH2M
	07/14/2014	**2.5**	**2.3**	NA	CH2M
	07/14/2014*	**2.5**	**2.4**	NA	CH2M
	10/13/2014	**2.9**	**2.8**	NA	CH2M
	01/14/2015	**1.7**	**1.8**	NA	CH2M
	04/13/2015	**2.0**	**1.7**	NA	CH2M
	07/20/2015	**2.4**	**2.8**	NA	CH2M
	10/07/2015	**3.0**	**2.9**	NA	Arcadis
No. of Samples:	11				
MW-191D2	08/08/2013	**1.2**	**0.9**	NA	CH2M
	10/18/2013	**1.3**	**1.2**	NA	CH2M
	01/21/2014	**1.5**	**1.3**	NA	CH2M
	04/08/2014	**1.6**	**1.4**	NA	CH2M
	07/14/2014	**1.5**	**1.4**	NA	CH2M
	10/13/2014	**1.5**	**1.4**	NA	CH2M
	01/14/2015	**1.5**	**1.5**	NA	CH2M
	04/13/2015	**1.8**	**1.5**	NA	CH2M
	04/13/2015*	**1.7**	**1.5**	NA	CH2M
	07/20/2015	**1.3**	**1.6**	NA	CH2M
	10/07/2015	**1.8**	**1.6**	NA	Arcadis
No. of Samples:	11				
MW-191D3	08/08/2013	**1.9**	**1.6**	NA	CH2M
	10/18/2013	**1.9**	**1.7**	NA	CH2M
	01/21/2014	**2.2**	**2.0**	NA	CH2M
	04/08/2014	**2.0**	**1.9**	NA	CH2M
	07/14/2014	**1.8**	**1.6**	NA	CH2M
	10/13/2014	**2.0**	**1.6**	NA	CH2M
	01/14/2015	**1.9**	**2.0**	NA	CH2M
	04/13/2015	**1.7**	**1.7**	NA	CH2M
	07/20/2015	**1.4**	**1.6**	NA	CH2M
	10/07/2015	**2.1**	**1.6**	NA	Arcadis
No. of Samples:	10				
MW-192D	08/26/2013	**4.1**	**4.0**	NA	CH2M
	10/16/2013	**4.8**	**4.1**	NA	CH2M
	10/16/2013*	**4.8**	**4.1**	NA	CH2M
	01/21/2014	**4.8**	**4.4**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-192D	04/08/2014	**4.5**	**4.4**	NA	CH2M
	07/14/2014	**4.7**	**5.0**	NA	CH2M
	10/13/2014	**4.1**	**4.4**	NA	CH2M
	01/14/2015	**4.3**	**4.4**	NA	CH2M
	04/13/2015	**4.7**	**4.4**	NA	CH2M
	07/14/2015	**4.7**	**4.8**	NA	CH2M
	07/14/2015*	**4.3**	**4.7**	NA	CH2M
	10/22/2015	**4.9**	**4.5**	NA	Arcadis
	01/13/2016	**4.6**	**4.4**	NA	Arcadis
	01/13/2016*	**5.0**	**4.5**	NA	Arcadis
	04/08/2016	**5.5**	**4.4**	NA	Arcadis
	07/18/2016	**4.7**	**4.2**	NA	Arcadis
	10/31/2016	**4.0**	**3.7**	NA	Arcadis
	01/11/2017	**3.9**	**3.2**	NA	Arcadis
	04/13/2017	**2.7**	**2.7**	NA	Arcadis
	10/16/2017	**2.4**	**2.4**	NA	Arcadis
	01/17/2018	**3.5**	**2.9**	NA	Arcadis
No. of Samples:	21				
MW-192S	08/26/2013	**3.4**	**3.4**	NA	CH2M
	10/16/2013	**4.1**	**3.6**	NA	CH2M
	01/21/2014	**4.1**	**3.8**	NA	CH2M
	04/08/2014	**4.1**	**4.4**	NA	CH2M
	07/14/2014	**4.1**	**4.1**	NA	CH2M
	10/13/2014	**4.1**	**3.7**	NA	CH2M
	01/14/2015	**3.7**	**3.9**	NA	CH2M
	04/13/2015	**3.9**	**3.7**	NA	CH2M
	07/14/2015	**3.8**	**4.0**	NA	CH2M
	10/22/2015	**4.1**	**4.0**	NA	Arcadis
	01/13/2016	**4.5**	**4.2**	NA	Arcadis
	04/08/2016	**4.6**	**4.1**	NA	Arcadis
	07/18/2016	**4.0**	**3.8**	NA	Arcadis
No. of Samples:	13				
MW-193S1	08/08/2013	**4.8**	**4.2**	NA	CH2M
	10/11/2013	**4.3**	**4.2**	NA	CH2M
	01/22/2014	**4.4**	**4.2**	NA	CH2M
	04/10/2014	**4.8**	**4.4**	NA	CH2M
	07/14/2014	**4.2**	**4.3**	NA	CH2M
	10/07/2014	**5.0**	**4.6**	NA	CH2M
	01/12/2015	**4.0**	**4.7**	NA	CH2M
	04/02/2015	**4.5**	**4.5**	NA	CH2M
	07/07/2015	**4.2**	**4.3**	NA	CH2M
	10/06/2015	**4.5**	**4.4**	NA	Arcadis
	01/08/2016	**5.2**	**4.4**	NA	Arcadis
	04/20/2016	**4.7**	**4.5**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-193S1	07/06/2016	**5.7**	**4.4**	NA	Arcadis
	10/10/2016	**4.7**	**4.3**	NA	Arcadis
	01/04/2017	**5.1**	**4.4**	NA	Arcadis
	04/03/2017	**4.8**	**4.5**	NA	Arcadis
	07/12/2017	**4.1**	**4.5**	NA	Arcadis
	10/17/2017	**4.2**	**4.5**	NA	Arcadis
	01/10/2018	4.5 J	**4.4**	NA	Arcadis
	10/12/2018	**4.7**	**4.5**	NA	Arcadis
	04/02/2019	**5.4**	**4.1**	NA	Arcadis
	06/06/2019	**5.5**	**4.4**	NA	Arcadis
	10/08/2019	**5.3**	**3.9**	NA	Arcadis
	12/02/2019	**4.7**	**4.6**	NA	Arcadis
No. of Samples:	24				
MW-193S2	09/25/2013	**21**	**20.8**	NA	CH2M
	09/30/2013	**6.5**	**6.2**	NA	CH2M
	10/11/2013	**11.6**	**11.4**	NA	CH2M
	01/22/2014	**42**	**42.4**	NA	CH2M
	04/10/2014	**7.1**	**7.7**	NA	CH2M
	07/14/2014	**4.7**	**4.6**	NA	CH2M
	10/07/2014	**4.2**	**4.5**	NA	CH2M
	01/12/2015	**11**	**12**	NA	CH2M
	04/02/2015	**4.8**	**4.6**	NA	CH2M
	07/07/2015	**7.0**	**7.1**	NA	CH2M
	10/06/2015	**9.8**	**11**	NA	Arcadis
	12/01/2015	**3.8**	**4.0**	NA	Arcadis
	01/08/2016	**4.8**	**4.2**	NA	Arcadis
	04/20/2016	**3.7**	**3.8**	NA	Arcadis
	07/06/2016	**6.6**	**4.0**	NA	Arcadis
	10/10/2016	**7.2**	**6.2**	NA	Arcadis
	01/04/2017	**4.9**	**4.7**	NA	Arcadis
	04/03/2017	**4.8**	**4.7**	NA	Arcadis
	07/12/2017	**3.4**	**4.0**	NA	Arcadis
	10/17/2017	**4.5**	**4.4**	NA	Arcadis
	01/10/2018	**3.1**	**3.2**	NA	Arcadis
	10/12/2018	**3.8**	**3.6**	NA	Arcadis
	10/08/2019	**4.2**	**3.6**	NA	Arcadis
No. of Samples:	23				
MW-193S3	09/25/2013	**167**	**150**	NA	CH2M
	09/30/2013	**9.2**	**6.5**	NA	CH2M
	10/11/2013	**134**	**125**	NA	CH2M
	11/06/2013	**160**	**143**	NA	CH2M
	01/24/2014	**270**	**275**	NA	CH2M
	04/11/2014	**250**	**220**	NA	CH2M
	07/14/2014	**150**	**140**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-193S3	10/08/2014	**100**	**110**	NA	CH2M
	01/13/2015	**56**	**65**	NA	CH2M
	01/13/2015*	49 J	65 J	NA	CH2M
	04/03/2015	**32**	**30**	NA	CH2M
	07/07/2015	**17**	**13**	NA	CH2M
	10/07/2015	**11**	**8.0**	NA	Arcadis
	01/07/2016	**7.3**	**4.3**	NA	Arcadis
	01/07/2016*	**8.8**	**4.4**	NA	Arcadis
	04/21/2016	**1.4**	**0.97**	NA	Arcadis
	07/07/2016	**3.2**	**0.82**	NA	Arcadis
	09/08/2016	**1.8**	ND (0.2)	NA	Arcadis
	10/11/2016	**2.4**	**1.2**	NA	Arcadis
	12/08/2016	**2.8**	**2.1**	NA	Arcadis
	01/05/2017	**1.7**	**0.88**	NA	Arcadis
	04/04/2017	**1.7**	**0.62**	NA	Arcadis
	06/07/2017	ND (1.0)	**0.31**	NA	Arcadis
	07/13/2017	ND (1.0)	**0.31**	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/11/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/03/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2019	**7.5**	**6.7**	NA	Arcadis
	04/14/2020	**1.3**	**0.49**	NA	Arcadis
No. of Samples:	30				
MW-194S1	09/30/2013	**20.7**	**21**	NA	CH2M
	10/15/2013	**6.2**	**6.7**	NA	CH2M
	01/16/2014	**7.2**	**7.0**	NA	CH2M
	04/09/2014	**8.1**	**5.8**	NA	CH2M
	04/09/2014*	**8.3**	**5.8**	NA	CH2M
	07/17/2014	**6.5**	**6.3**	NA	CH2M
	10/08/2014	**8.2**	**6.1**	NA	CH2M
	01/20/2015	**7.1**	**6.4**	NA	CH2M
	04/01/2015	**6.6**	**5.5**	NA	CH2M
	07/06/2015	**5.1**	**4.0**	NA	CH2M
	10/06/2015	**5.5**	**5.2**	NA	Arcadis
	01/06/2016	**5.1**	**4.7**	NA	Arcadis
	04/06/2016	**6.0**	**4.6**	NA	Arcadis
	07/06/2016	**5.5**	**5.4**	NA	Arcadis
	10/17/2016	**5.8**	**5.2**	NA	Arcadis
	01/31/2017	**5.6**	**5.8**	NA	Arcadis
	04/06/2017	**4.7**	**4.9**	NA	Arcadis
	10/11/2017	**5.7**	**4.8**	NA	Arcadis
	04/03/2018	**5.8**	**5.9**	NA	Arcadis
	10/10/2018	**4.9**	**4.9**	NA	Arcadis
	04/02/2019	**4.5**	**4.5**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-194S1	04/02/2019*	**4.6**	**4.5**	NA	Arcadis
	10/14/2019	**6.2**	**3.5**	NA	Arcadis
	12/02/2019	**2.9**	**2.8**	NA	Arcadis
	04/24/2020	**4.3**	**3.2**	NA	Arcadis
	06/03/2020	**5.1**	**3.2**	NA	Arcadis
No. of Samples:	26				
MW-194S2	10/15/2013	**3.4**	**2.9**	NA	CH2M
	01/16/2014	**2.2**	**0.16**	NA	CH2M
	03/07/2014	**6.4**	**4.1**	NA	CH2M
	04/09/2014	**6.9**	**4.9**	NA	CH2M
	07/17/2014	ND (1.0)	**0.11**	NA	CH2M
	10/06/2014	ND (1.0)	**0.27**	NA	CH2M
	01/20/2015	ND (1.0)	**0.25**	NA	CH2M
	04/02/2015	**2.1**	**1.9**	NA	CH2M
	07/07/2015	**2.9**	**2.9**	NA	CH2M
	10/06/2015	ND (1.0)	**0.14**	NA	Arcadis
	10/18/2016	ND (1.0)	**0.35**	NA	Arcadis
	10/18/2016*	ND (1.0)	**0.37**	NA	Arcadis
	10/11/2017	ND (1.0)	**0.33**	NA	Arcadis
	10/10/2018	**6.2**	ND (0.2)	NA	Arcadis
	11/28/2018	**4.2**	ND (0.2)	NA	Arcadis
	10/14/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	16				
MW-194S3	10/15/2013	**2.7**	**2.8**	NA	CH2M
	01/08/2014	ND (1.0)	**0.33**	NA	CH2M
	04/10/2014	ND (1.0)	**0.2**	NA	CH2M
	07/17/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2014	ND (1.0)	**0.97**	NA	CH2M
	01/21/2015	ND (1.0)	**1.1**	NA	CH2M
	04/03/2015	ND (1.0)	**0.68**	NA	CH2M
	07/07/2015	ND (1.0)	ND (0.14)	NA	CH2M
	10/07/2015	ND (1.0)	**0.085**	NA	Arcadis
	04/04/2016	**1.0**	**0.34**	NA	Arcadis
	10/18/2016	ND (1.0)	**0.31**	NA	Arcadis
	10/12/2017	**2.3**	**2.1**	NA	Arcadis
	10/12/2017*	**2.1**	**2.0**	NA	Arcadis
	10/10/2018	ND (1.0)	**0.58**	NA	Arcadis
	10/14/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	15				
MW-195S1	09/26/2013	**5.2**	**4.6**	NA	CH2M
	10/15/2013	**7.3**	**6.5**	NA	CH2M
	01/22/2014	**5.1**	**5.1**	NA	CH2M
	04/14/2014	**6.8**	**6.0**	NA	CH2M
	07/17/2014	**5.3**	**4.7**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-195S1	07/17/2014*	**5.3**	**4.7**	NA	CH2M
	10/06/2014	**6.0**	**5.8**	NA	CH2M
	01/13/2015	**4.5**	**5.2**	NA	CH2M
	04/03/2015	**4.6**	**4.9**	NA	CH2M
	07/07/2015	**4.6**	**5.1**	NA	CH2M
	10/07/2015	**4.9**	**5.2**	NA	Arcadis
	01/07/2016	**6.8**	**4.3**	NA	Arcadis
	04/06/2016	**3.4**	**3.5**	NA	Arcadis
	07/07/2016	**3.8**	**4.5**	NA	Arcadis
	07/07/2016*	**4.3**	**4.6**	NA	Arcadis
	10/18/2016	**4.7**	**4.9**	NA	Arcadis
	04/07/2017	**4.6**	**5.0**	NA	Arcadis
	10/13/2017	**4.9**	**5.0**	NA	Arcadis
	04/02/2018	**5.3**	**4.9**	NA	Arcadis
	10/17/2018	**5.9**	**5.2**	NA	Arcadis
	10/17/2018*	**5.8**	**5.2**	NA	Arcadis
	04/02/2019	**4.7**	**4.8**	NA	Arcadis
	10/08/2019	**4.8**	**4.8**	NA	Arcadis
	04/14/2020	**7.2**	**4.0**	NA	Arcadis
	06/03/2020	**4.8**	**4.9**	NA	Arcadis
No. of Samples:	25				
MW-195S2	08/26/2013	**3.5**	**3.0**	NA	CH2M
	08/26/2013*	**3.5**	**3.0**	NA	CH2M
	10/15/2013	**5.9**	**2.2**	NA	CH2M
	01/22/2014	**7.3**	**3.0**	NA	CH2M
	03/06/2014	**4.5**	**4.1**	NA	CH2M
	04/14/2014	**5.8**	**4.2**	NA	CH2M
	07/17/2014	**5.0**	**4.4**	NA	CH2M
	10/08/2014	**4.6**	**4.4**	NA	CH2M
	10/08/2014*	**4.6**	**4.4**	NA	CH2M
	01/12/2015	**4.8**	**4.6**	NA	CH2M
	04/02/2015	**6.6**	**4.4**	NA	CH2M
	07/06/2015	**6.1**	**4.2**	NA	CH2M
	10/06/2015	**4.0**	**4.4**	NA	Arcadis
	10/06/2015*	**4.1**	**4.4**	NA	Arcadis
	04/04/2016	**4.9**	**4.1**	NA	Arcadis
	10/17/2016	**4.1**	**4.0**	NA	Arcadis
	10/12/2017	**4.7**	**4.1**	NA	Arcadis
	10/17/2018	**4.2**	**4.0**	NA	Arcadis
	10/08/2019	**4.7**	**3.7**	NA	Arcadis
No. of Samples:	19				
MW-195S3	08/26/2013	**2.2**	**1.7**	NA	CH2M
	10/15/2013	**2.7**	**1.4**	NA	CH2M
	01/22/2014	**6.4**	**0.75**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-195S3	03/06/2014	**3.6**	**3.4**	NA	CH2M
	04/14/2014	**3.2**	ND (1.6)	NA	CH2M
	07/17/2014	**2.6**	**1.5**	NA	CH2M
	10/08/2014	**2.2**	**1.8**	NA	CH2M
	01/12/2015	**2.7**	**2.2**	NA	CH2M
	04/02/2015	**4.1**	**1.2**	NA	CH2M
	07/06/2015	**2.6**	**1.8**	NA	CH2M
	07/06/2015*	**2.7**	**1.9**	NA	CH2M
	10/06/2015	**2.3**	**2.3**	NA	Arcadis
	10/17/2016	**2.1**	**1.3**	NA	Arcadis
	10/12/2017	**1.9**	**0.79**	NA	Arcadis
	11/29/2017	**2.2**	**1.5**	NA	Arcadis
	10/17/2018	**2.6**	**1.7**	NA	Arcadis
	10/08/2019	**3.3**	**1.0**	NA	Arcadis
	12/02/2019	**1.2**	**0.58**	NA	Arcadis
No. of Samples:	18				
MW-196S1	09/26/2013	**4.7**	**3.7**	NA	CH2M
	10/10/2013	**3.9**	**3.6**	NA	CH2M
	01/16/2014	**5.1**	**3.5**	NA	CH2M
	04/10/2014	**3.8**	**3.9**	NA	CH2M
	07/16/2014	**4.2**	**3.7**	NA	CH2M
	10/06/2014	4.0 J	4.0 J	NA	CH2M
	11/03/2014	4.0 J	3.8 J	NA	CH2M
	12/08/2014	7.5 J	8.0 J	NA	CH2M
	01/13/2015	9.4 J	10 J	NA	CH2M
	02/03/2015	8.4 J	9.8 J	NA	CH2M
	02/04/2015	7.8 J	8.5 J	NA	CH2M
	02/05/2015	8.0 J	9.0 J	NA	CH2M
	02/06/2015	7.8 J	9.0 J	NA	CH2M
	02/09/2015	9.1 J	9.1 J	NA	CH2M
	02/10/2015	9.9 J	10 J	NA	CH2M
	02/11/2015	11 J	11 J	NA	CH2M
	02/12/2015	12 J	13 J	NA	CH2M
	02/13/2015	12 J	13 J	NA	CH2M
	02/16/2015	13 J	13 J	NA	CH2M
	02/17/2015	14 J	14 J	NA	CH2M
	02/18/2015	13 J	14 J	NA	CH2M
	02/19/2015	13 J	14 J	NA	CH2M
	02/20/2015	12 J	14 J	NA	CH2M
	03/02/2015	12 J	14 J	NA	CH2M
	03/09/2015	12 J	14 J	NA	CH2M
	03/10/2015	12 J	13 J	NA	CH2M
	03/11/2015	12 J	12 J	NA	CH2M
	03/12/2015	9.9 J	11 J	NA	CH2M
	03/13/2015	9.6 J	10 J	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-196S1	03/16/2015	10 J	11 J	NA	CH2M
	03/17/2015	8.7 J	9.6 J	NA	CH2M
	03/18/2015	7.7 J	8.6 J	NA	CH2M
	03/19/2015	7.4 J	8.1 J	NA	CH2M
	03/20/2015	7.3 J	7.9 J	NA	CH2M
	03/25/2015	6.5 J	7.2 J	NA	CH2M
	03/26/2015	6.4 J	6.7 J	NA	CH2M
	03/27/2015	6.7 J	6.5 J	NA	CH2M
	03/30/2015	6.3 J	6.2 J	NA	CH2M
	03/31/2015	5.9 J	5.8 J	NA	CH2M
	04/01/2015	**5.8**	**5.9**	NA	CH2M
	04/01/2015*	**5.9**	**6.0**	NA	CH2M
	07/06/2015	**3.8**	**3.8**	NA	CH2M
	10/06/2015	**3.7**	**3.8**	NA	Arcadis
	04/04/2016	**4.3**	**3.7**	NA	Arcadis
	10/05/2016	**4.6**	**3.6**	NA	Arcadis
	04/04/2017	**4.1**	**3.6**	NA	Arcadis
	10/04/2017	**3.6**	**3.7**	NA	Arcadis
	10/15/2018	**4.5**	**3.7**	NA	Arcadis
	10/07/2019	**3.8**	**3.6**	NA	Arcadis
	04/14/2020	**4.1**	**4.2**	NA	Arcadis
No. of Samples:	50				
MW-196S2	09/11/2013	**2.9**	**2.9**	NA	CH2M
	10/10/2013	**3.3**	**3.1**	NA	CH2M
	10/10/2013*	**3.3**	**3.1**	NA	CH2M
	01/16/2014	**1.9**	**1.5**	NA	CH2M
	04/10/2014	**1.3**	**1.2**	NA	CH2M
	07/16/2014	**1.4**	**1.2**	NA	CH2M
	10/07/2014	17 J	18 J	NA	CH2M
	11/03/2014	17 J	18 J	NA	CH2M
	12/09/2014	32 J	35 J	NA	CH2M
	01/14/2015	16 J	18 J	NA	CH2M
	02/03/2015	10 J	12 J	NA	CH2M
	02/04/2015	7.3 J	8.8 J	NA	CH2M
	02/05/2015	6.3 J	7.4 J	NA	CH2M
	02/06/2015	5.4 J	6.3 J	NA	CH2M
	02/09/2015	6.0 J	5.8 J	NA	CH2M
	02/10/2015	3.3 J	3.6 J	NA	CH2M
	02/11/2015	4.6 J	4.9 J	NA	CH2M
	02/12/2015	4.4 J	4.5 J	NA	CH2M
	02/13/2015	4.1 J	4.2 J	NA	CH2M
	02/16/2015	3.6 J	4.0 J	NA	CH2M
	02/17/2015	3.7 J	4.0 J	NA	CH2M
	02/18/2015	3.4 J	3.9 J	NA	CH2M
	02/19/2015	3.1 J	3.6 J	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-196S2	02/20/2015	3.0 J	3.5 J	NA	CH2M
	03/02/2015	2.8 J	3.3 J	NA	CH2M
	04/01/2015	**2.2**	**2.1**	NA	CH2M
	07/06/2015	**3.4**	**3.3**	NA	CH2M
	10/06/2015	**3.5**	**3.9**	NA	Arcadis
	01/08/2016	**3.0**	**2.2**	NA	Arcadis
	04/04/2016	**2.0**	**2.1**	NA	Arcadis
	07/05/2016	**3.1**	**3.2**	NA	Arcadis
	10/05/2016	**4.3**	**3.9**	NA	Arcadis
	01/30/2017	**2.4**	**2.4**	NA	Arcadis
	04/04/2017	**2.3**	**2.4**	NA	Arcadis
	07/11/2017	**2.5**	**3.1**	NA	Arcadis
	10/04/2017	**3.9**	**4.0**	NA	Arcadis
	01/09/2018	**2.8**	**2.6**	NA	Arcadis
	04/02/2018	**2.6**	**2.5**	NA	Arcadis
	07/09/2018	**4.3**	**3.7**	NA	Arcadis
	10/15/2018	**4.3**	**3.7**	NA	Arcadis
	10/15/2018*	**4.4**	**3.7**	NA	Arcadis
	04/02/2019	**2.6**	**2.4**	NA	Arcadis
	10/07/2019	**3.9**	**3.5**	NA	Arcadis
No. of Samples:	43				
MW-196S3	09/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/10/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/06/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/10/2014	ND (1.0)	ND (0.06)	NA	CH2M
	07/16/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014	49 J	54 J	NA	CH2M
	11/03/2014	37 J	37 J	NA	CH2M
	11/06/2014	12 J	12 J	NA	CH2M
	12/10/2014	5.8 J	6.4 J	NA	CH2M
	01/15/2015	8.9 J	10 J	NA	CH2M
	01/15/2015*	8.7 J	10 J	NA	CH2M
	02/03/2015	ND (1.0 J)	0.26 J	NA	CH2M
	02/04/2015	ND (1.0 J)	0.14 J	NA	CH2M
	02/05/2015	ND (1.0 J)	0.15 J	NA	CH2M
	02/06/2015	ND (1.0 J)	0.1 J	NA	CH2M
	02/09/2015	ND (1.0 J)	0.095 J	NA	CH2M
	02/10/2015	ND (1.0 J)	0.072 J	NA	CH2M
	02/11/2015	ND (1.0 J)	0.075 J	NA	CH2M
	02/12/2015	ND (1.0 J)	0.061 J	NA	CH2M
	02/13/2015	ND (1.0 J)	0.14 J	NA	CH2M
	02/16/2015	ND (1.0 J)	ND (0.06 J)	NA	CH2M
	02/17/2015	ND (1.0 J)	ND (0.06 J)	NA	CH2M
	02/18/2015	ND (1.0 J)	ND (0.06 J)	NA	CH2M
	02/19/2015	ND (1.0 J)	ND (0.06 J)	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-196S3	02/20/2015	ND (1.0 J)	ND (0.06 J)	NA	CH2M
	03/02/2015	ND (1.0 J)	0.09 J	NA	CH2M
	04/01/2015	ND (1.0)	**0.17**	NA	CH2M
	07/06/2015	ND (1.0)	ND (0.083)	NA	CH2M
	10/06/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	10/05/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/04/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/07/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	34				
MW-197S1	09/11/2013	ND (1.0)	**0.097**	NA	CH2M
	10/11/2013	ND (1.0)	**0.32**	NA	CH2M
	01/23/2014	ND (1.0)	**0.4**	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.5)	NA	CH2M
	07/17/2014	ND (1.0)	**0.72**	NA	CH2M
	10/07/2014	ND (1.0)	**0.79**	NA	CH2M
	01/13/2015	ND (1.0)	**0.9**	NA	CH2M
	04/03/2015	ND (1.0)	**0.87**	NA	CH2M
	07/08/2015	ND (1.0)	**1.0**	NA	CH2M
	10/13/2015	ND (1.0)	**1.0**	NA	Arcadis
	01/04/2016	**2.0**	**0.99**	NA	Arcadis
	03/02/2016	**1.0**	**1.2**	NA	Arcadis
	04/05/2016	**1.1**	**1.0**	NA	Arcadis
	04/05/2016*	**1.1**	**1.0**	NA	Arcadis
	07/08/2016	ND (1.0)	**0.72**	NA	Arcadis
	10/07/2016	ND (1.0)	**0.66**	NA	Arcadis
	03/08/2017	ND (1.0)	**0.58**	NA	Arcadis
	04/04/2017	ND (1.0)	**0.69**	NA	Arcadis
	07/13/2017	ND (1.0)	**1.1**	NA	Arcadis
	10/03/2017	**9.1**	**1.0**	NA	Arcadis
	11/29/2017	**1.2**	**1.2**	NA	Arcadis
	01/11/2018	**1.8**	**1.7**	NA	Arcadis
	04/04/2018	**1.0**	**1.1**	NA	Arcadis
	10/05/2018	**1.5**	**1.1**	NA	Arcadis
	04/16/2019	**1.7**	**1.7**	NA	Arcadis
	10/09/2019	**2.5**	**1.4**	NA	Arcadis
	04/14/2020	**2.4**	**2.3**	NA	Arcadis
No. of Samples:	27				
MW-197S2	09/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.34)	NA	CH2M
	07/17/2014	ND (1.0)	ND (0.06)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-197S2	10/07/2014	ND (1.0)	ND (0.09)	NA	CH2M
	01/13/2015	ND (1.0)	ND (0.06)	NA	CH2M
	04/03/2015	ND (1.0)	**0.1**	NA	CH2M
	07/08/2015	ND (1.0)	ND (0.11)	NA	CH2M
	10/13/2015	ND (1.0)	**0.14**	NA	Arcadis
	10/07/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/03/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	14				
MW-197S3	09/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/11/2013	**1.8**	**1.7**	NA	CH2M
	01/23/2014	ND (1.0)	**0.07**	NA	CH2M
	01/23/2014*	ND (1.0)	**0.079**	NA	CH2M
	04/14/2014	ND (1.0)	ND (0.13)	NA	CH2M
	07/17/2014	ND (1.0)	ND (0.06 J)	NA	CH2M
	07/17/2014*	ND (1.0)	ND (0.06 J)	NA	CH2M
	10/07/2014	ND (1.0)	ND (0.22)	NA	CH2M
	01/13/2015	ND (1.0)	**0.31**	NA	CH2M
	04/03/2015	ND (1.0)	**0.068**	NA	CH2M
	07/08/2015	ND (1.0)	ND (0.1)	NA	CH2M
	10/13/2015	ND (1.0)	ND (0.06)	NA	Arcadis
	04/12/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/07/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/03/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/05/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/09/2019	**3.9**	ND (0.2)	NA	Arcadis
No. of Samples:	17				
MW-198S1	10/14/2013	**1.4**	**1.2**	NA	CH2M
	01/23/2014	ND (1.0)	**0.96**	NA	CH2M
	04/16/2014	ND (1.0)	**0.97**	NA	CH2M
	07/14/2014	**1.1**	**1.2**	NA	CH2M
No. of Samples:	4				
MW-198S2	09/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	**0.064**	NA	CH2M
	07/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	5				
MW-198S3	09/11/2013	ND (1.0)	ND (0.06)	NA	CH2M
	10/14/2013	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	01/07/2014*	ND (1.0)	ND (0.06)	NA	CH2M
	04/16/2014	ND (1.0)	**0.11**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-198S3	07/14/2014	ND (1.0)	ND (0.06)	NA	CH2M
No. of Samples:	6				
MW-199D1	09/11/2013	**4.6**	**4.6**	NA	CH2M
	10/16/2013	**3.5**	**2.2**	NA	CH2M
	01/21/2014	**2.3**	**2.0**	NA	CH2M
	04/15/2014	**2.8**	**2.1**	NA	CH2M
	07/16/2014	**2.4**	**1.8**	NA	CH2M
	10/09/2014	**2.4**	**2.0**	NA	CH2M
	01/21/2015	**2.4**	**2.1**	NA	CH2M
	04/08/2015	**2.5**	**1.7**	NA	CH2M
	04/08/2015*	**2.6**	**1.7**	NA	CH2M
	07/16/2015	**2.2**	**2.1**	NA	CH2M
	10/13/2015	**3.0**	**1.9**	NA	Arcadis
	12/09/2015	**3.2**	**2.1**	NA	Arcadis
No. of Samples:	12				
MW-199D2	09/11/2013	**4.1**	**4.0**	NA	CH2M
	10/16/2013	**4.5**	**3.4**	NA	CH2M
	01/21/2014	**1.6**	**1.0**	NA	CH2M
	04/15/2014	**15**	**16**	NA	CH2M
	04/15/2014*	**16**	**16**	NA	CH2M
	05/08/2014	**1.8**	**1.6**	NA	CH2M
	07/16/2014	ND (1.0)	**0.59**	NA	CH2M
	10/09/2014	ND (1.0)	**0.79**	NA	CH2M
	01/21/2015	ND (1.0)	**0.69**	NA	CH2M
	04/08/2015	ND (1.0)	**0.69**	NA	CH2M
	07/13/2015	ND (1.0)	**0.48**	NA	CH2M
	10/13/2015	**1.1**	**1.1**	NA	Arcadis
No. of Samples:	12				
MW-199S1	10/16/2013	ND (1.0)	**0.49**	NA	CH2M
	01/21/2014	**2.1**	**1.6**	NA	CH2M
	04/15/2014	**1.1**	**0.72**	NA	CH2M
	07/16/2014	**2.4**	**1.5**	NA	CH2M
	10/09/2014	**3.5**	**3.5**	NA	CH2M
	01/21/2015	**2.6**	**2.4**	NA	CH2M
	04/08/2015	**2.4**	**2.3**	NA	CH2M
	07/13/2015	**2.7**	**3.0**	NA	CH2M
	10/13/2015	**3.7**	**3.7**	NA	Arcadis
	12/09/2015	**3.6**	**3.0**	NA	Arcadis
	04/17/2017	**2.5**	**2.2**	NA	Arcadis
	07/20/2017	**2.2**	**1.9**	NA	Arcadis
	10/11/2017	**3.0**	**1.7**	NA	Arcadis
	11/27/2017	**2.0**	**1.9**	NA	Arcadis
	01/11/2018	**3.1**	**2.9**	NA	Arcadis
No. of Samples:	15				

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-200S1	09/30/2013	**2.5**	**2.3**	NA	CH2M
	10/10/2013	**2.5**	**2.5**	NA	CH2M
	01/20/2014	**4.3**	**4.2**	NA	CH2M
	04/17/2014	**2.7**	**2.6**	NA	CH2M
	07/09/2014	**2.1**	**2.0**	NA	CH2M
	07/09/2014*	**2.0**	**2.0**	NA	CH2M
	10/07/2014	**2.1**	**2.3**	NA	CH2M
	01/12/2015	**1.3**	**1.1**	NA	CH2M
	04/02/2015	**1.3**	**1.1**	NA	CH2M
	07/08/2015	**2.3**	**2.1**	NA	CH2M
	10/16/2015	**1.4**	**1.4**	NA	Arcadis
	01/04/2016	**3.3**	**1.2**	NA	Arcadis
	03/02/2016	**2.9**	**1.2**	NA	Arcadis
	03/02/2016*	**1.5**	**0.94**	NA	Arcadis
	04/20/2016	**5.3**	**1.2**	NA	Arcadis
	05/31/2016	**1.3**	**1.2**	NA	Arcadis
	07/07/2016	**1.3**	**0.98**	NA	Arcadis
	10/20/2016	**1.1**	**0.94**	NA	Arcadis
	01/05/2017	**1.1**	**0.74**	NA	Arcadis
	04/11/2017	**1.4**	**0.92**	NA	Arcadis
	07/20/2017	**1.2**	**1.1**	NA	Arcadis
	10/31/2017	**2.3**	**0.8**	NA	Arcadis
	11/28/2017	**1.0**	**0.86**	NA	Arcadis
	01/26/2018	**3.5**	**0.87**	NA	Arcadis
	01/26/2018*	**3.4**	**0.85**	NA	Arcadis
	03/08/2018	**1.8**	**0.71**	NA	Arcadis
	10/04/2018	ND (1.0)	**0.81**	NA	Arcadis
	04/08/2019	**1.1**	**0.76**	NA	Arcadis
	10/23/2019	**1.5**	**0.88**	NA	Arcadis
No. of Samples:	29				
MW-200S2	10/10/2013	ND (1.0)	**0.096**	NA	CH2M
	01/07/2014	ND (1.0)	ND (0.06)	NA	CH2M
	04/17/2014	**1.4**	**0.21**	NA	CH2M
	07/09/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/07/2014	**1.7**	ND (0.17)	NA	CH2M
	01/12/2015	ND (1.0)	**0.081**	NA	CH2M
	04/02/2015	ND (1.0)	**0.15**	NA	CH2M
	07/08/2015	ND (1.0)	ND (0.098)	NA	CH2M
	10/22/2015	ND (1.0)	ND (0.18)	NA	Arcadis
	10/20/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	10/31/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/04/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/04/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/23/2019	**2.8**	ND (0.2)	NA	Arcadis
	12/05/2019	ND (1.0)	ND (0.2)	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	15				
MW-200S3	09/30/2013	ND (1.0)	**0.64**	NA	CH2M
	10/10/2013	ND (1.0)	**0.45**	NA	CH2M
	01/20/2014	ND (1.0)	**0.31**	NA	CH2M
	04/17/2014	ND (1.0)	**0.41**	NA	CH2M
	07/09/2014	ND (1.0)	**0.37**	NA	CH2M
	10/07/2014	ND (1.0)	**0.48**	NA	CH2M
	01/12/2015	ND (1.0)	**0.37**	NA	CH2M
	04/02/2015	ND (1.0)	**0.4**	NA	CH2M
	07/08/2015	ND (1.0)	**0.47**	NA	CH2M
	10/16/2015	ND (1.0)	**0.49**	NA	Arcadis
	04/20/2016	ND (1.0)	**0.47**	NA	Arcadis
	10/20/2016	ND (1.0)	**0.51**	NA	Arcadis
	10/31/2017	ND (1.0)	**0.6**	NA	Arcadis
	10/31/2017*	ND (1.0)	**0.6**	NA	Arcadis
	04/05/2018	ND (1.0)	**0.67**	NA	Arcadis
	10/04/2018	ND (1.0)	**0.68**	NA	Arcadis
	10/23/2019	**1.0**	**0.77**	NA	Arcadis
	04/15/2020	**1.3**	**1.1**	NA	Arcadis
No. of Samples:	18				
MW-201D	09/26/2013	ND (1.0)	**0.35**	NA	CH2M
	09/26/2013*	ND (1.0)	**0.32**	NA	CH2M
	10/17/2013	ND (1.0)	**0.25**	NA	CH2M
	01/23/2014	ND (1.0)	**0.27**	NA	CH2M
	04/01/2014	ND (1.0)	**0.44**	NA	CH2M
	07/10/2014	ND (1.0)	**0.38**	NA	CH2M
	10/15/2014	ND (1.0)	**0.45**	NA	CH2M
	01/21/2015	**1.3**	**0.42**	NA	CH2M
	04/08/2015	ND (1.0)	**0.45**	NA	CH2M
	07/15/2015	ND (1.0)	ND (0.49)	NA	CH2M
	10/15/2015	ND (1.0)	**0.54**	NA	Arcadis
	10/31/2016	ND (1.0)	**0.48**	NA	Arcadis
	10/11/2017	ND (1.0)	**0.36**	NA	Arcadis
	10/15/2018	**1.0**	**0.67**	NA	Arcadis
	10/24/2019	ND (1.0)	**0.5**	NA	Arcadis
No. of Samples:	15				
MW-201S	09/30/2013	**2.4**	**2.2**	NA	CH2M
	10/17/2013	**2.7**	**2.3**	NA	CH2M
	01/23/2014	**2.4**	**2.2**	NA	CH2M
	04/15/2014	**2.6**	**2.5**	NA	CH2M
	07/10/2014	**2.8**	**2.9**	NA	CH2M
	10/15/2014	**2.1**	**2.3**	NA	CH2M
	10/15/2014*	**2.0**	**2.2**	NA	CH2M
	01/21/2015	**2.2**	**2.1**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-201S	04/08/2015	**2.0**	**1.8**	NA	CH2M
	07/15/2015	**1.7**	**1.8**	NA	CH2M
	10/15/2015	**2.2**	**2.0**	NA	Arcadis
	10/15/2015*	**2.5**	**1.9**	NA	Arcadis
	04/21/2016	**1.8**	**1.8**	NA	Arcadis
	10/31/2016	**2.1**	**1.5**	NA	Arcadis
	04/17/2017	**1.8**	**1.4**	NA	Arcadis
	10/11/2017	**1.7**	**1.3**	NA	Arcadis
	04/11/2018	**1.4**	**1.2**	NA	Arcadis
	10/15/2018	**2.0**	**1.2**	NA	Arcadis
	04/08/2019	**1.1**	**1.1**	NA	Arcadis
	10/17/2019	**2.3**	**1.1**	NA	Arcadis
	12/05/2019	**1.8**	**0.95**	NA	Arcadis
	04/09/2020	**2.4**	**0.96**	NA	Arcadis
	06/04/2020	**1.3**	**1.0**	NA	Arcadis
No. of Samples:	23				
MW-202D	09/26/2013	**1.2**	**0.86**	NA	CH2M
	10/14/2013	**1.0**	**0.81**	NA	CH2M
	01/22/2014	**1.6**	**1.2**	NA	CH2M
	04/02/2014	**1.8**	**1.4**	NA	CH2M
	07/08/2014	**2.0**	**1.3**	NA	CH2M
	10/15/2014	**2.2**	**1.6**	NA	CH2M
	01/21/2015	**1.9**	**1.6**	NA	CH2M
	04/08/2015	**2.1**	**1.7**	NA	CH2M
	07/15/2015	**2.0**	**1.7**	NA	CH2M
	07/15/2015*	**2.0**	**1.7**	NA	CH2M
	10/09/2015	**1.9**	**1.7**	NA	Arcadis
No. of Samples:	11				
MW-202S	10/14/2013	**1.6**	**1.4**	NA	CH2M
	01/22/2014	**2.0**	**1.7**	NA	CH2M
	04/02/2014	**2.0**	**1.8**	NA	CH2M
	07/08/2014	**1.8**	**1.7**	NA	CH2M
	10/15/2014	**1.9**	**1.6**	NA	CH2M
	01/21/2015	**2.0**	**2.0**	NA	CH2M
	01/21/2015*	**2.0**	**1.9**	NA	CH2M
	04/08/2015	**1.9**	**1.8**	NA	CH2M
	07/15/2015	**1.9**	**1.8**	NA	CH2M
	10/09/2015	**2.3**	**1.9**	NA	Arcadis
	01/08/2016	**1.9**	**1.4**	NA	Arcadis
	04/19/2016	**1.8**	**1.7**	NA	Arcadis
	07/20/2016	**2.1**	**1.6**	NA	Arcadis
	10/13/2016	**1.6**	**1.5**	NA	Arcadis
	04/17/2017	**1.9**	**1.7**	NA	Arcadis
	10/11/2017	**2.1**	**1.4**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-202S	04/11/2018	**1.7**	**1.5**	NA	Arcadis
	10/15/2018	**1.7**	**1.5**	NA	Arcadis
	04/08/2019	**1.8**	**1.6**	NA	Arcadis
	10/17/2019	**2.5**	**1.6**	NA	Arcadis
	04/14/2020	**3.1**	**1.3**	NA	Arcadis
	06/04/2020	**2.9**	**1.4**	NA	Arcadis
No. of Samples:	22				
MW-203D	10/15/2013	**9.3**	**10.2**	NA	CH2M
	01/23/2014	ND (1.0)	**0.088**	NA	CH2M
	01/23/2014*	ND (1.0)	**0.088**	NA	CH2M
	04/02/2014	**6.7**	**7.5**	NA	CH2M
	07/10/2014	ND (1.0)	ND (0.06)	NA	CH2M
	10/15/2014	ND (1.0)	**0.47**	NA	CH2M
	01/21/2015	**6.9**	**7.2**	NA	CH2M
	04/08/2015	**6.4**	**6.8**	NA	CH2M
	07/15/2015	**5.7**	**6.2**	NA	CH2M
	10/15/2015	**3.3**	**3.2**	NA	Arcadis
	01/13/2016	**1.4**	ND (0.2)	NA	Arcadis
	03/02/2016	**1.4**	**0.26**	NA	Arcadis
	04/21/2016	**3.1**	**1.6**	NA	Arcadis
	04/21/2016*	**3.0**	**1.6**	NA	Arcadis
	06/01/2016	**1.6**	**1.6**	NA	Arcadis
	07/20/2016	**3.3**	**3.1**	NA	Arcadis
	10/20/2016	ND (1.0)	**0.4**	NA	Arcadis
	02/01/2017	**5.9**	**1.4**	NA	Arcadis
	03/08/2017	ND (1.0)	**0.24**	NA	Arcadis
	04/06/2017	**6.5**	**6.5**	NA	Arcadis
	04/06/2017*	**6.4**	**6.6**	NA	Arcadis
	07/26/2017	**2.0**	**2.0**	NA	Arcadis
	10/17/2017	**3.8**	**3.7**	NA	Arcadis
	01/11/2018	**5.1**	**5.1**	NA	Arcadis
	04/11/2018	**2.4**	**1.6**	NA	Arcadis
	10/15/2018	ND (1.0)	**0.29**	NA	Arcadis
	04/08/2019	**3.7**	**3.9**	NA	Arcadis
	10/17/2019	**1.9**	**0.63**	NA	Arcadis
	12/05/2019	**3.1**	**2.4**	NA	Arcadis
	04/15/2020	**2.4**	ND (0.2)	NA	Arcadis
	06/03/2020	**3.7**	**0.88**	NA	Arcadis
No. of Samples:	31				
MW-203S	09/30/2013	**2.4**	**2.1**	NA	CH2M
	10/14/2013	**2.1**	**1.6**	NA	CH2M
	01/23/2014	**1.5**	**1.1**	NA	CH2M
	04/01/2014	**2.2**	**2.3**	NA	CH2M
	07/10/2014	**2.4**	**2.3**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-203S	07/24/2014	**2.7**	**2.4**	NA	CH2M
	10/15/2014	**2.5**	**2.3**	NA	CH2M
	01/21/2015	**2.7**	**2.8**	NA	CH2M
	04/08/2015	**3.1**	**2.6**	NA	CH2M
	04/08/2015*	**3.2**	**2.6**	NA	CH2M
	07/15/2015	**2.7**	**2.9**	NA	CH2M
	10/15/2015	**2.9**	**2.9**	NA	Arcadis
	01/13/2016	**2.9**	**3.0**	NA	Arcadis
	04/21/2016	**2.9**	**2.9**	NA	Arcadis
	07/20/2016	**3.0**	**2.9**	NA	Arcadis
	10/19/2016	**3.3**	**2.8**	NA	Arcadis
	01/05/2017	**3.0**	**2.7**	NA	Arcadis
	04/05/2017	**3.3**	**2.8**	NA	Arcadis
	07/24/2017	**2.4**	**2.7**	NA	Arcadis
	07/24/2017*	**2.4**	**2.7**	NA	Arcadis
	10/17/2017	**2.8**	**2.8**	NA	Arcadis
	01/11/2018	**3.1**	**2.8**	NA	Arcadis
No. of Samples:	22				
MW-204D	09/25/2013	ND (1.0)	ND (0.2)	NA	CH2M
	10/10/2013	ND (1.0)	**0.099**	NA	CH2M
	10/10/2013*	ND (1.0)	**0.098**	NA	CH2M
	01/06/2014	ND (1.0)	**0.36**	NA	CH2M
	04/17/2014	ND (1.0)	**0.42**	NA	CH2M
	07/09/2014	ND (1.0)	**0.33**	NA	CH2M
	10/07/2014	ND (1.0)	**0.61**	NA	CH2M
	10/07/2014*	ND (1.0)	**0.61**	NA	CH2M
	01/12/2015	ND (1.0)	**0.67**	NA	CH2M
	04/03/2015	ND (1.0)	**0.64**	NA	CH2M
	07/08/2015	ND (1.0)	**0.62**	NA	CH2M
	10/16/2015	ND (1.0)	**0.67**	NA	Arcadis
	10/16/2015*	ND (1.0)	**0.69**	NA	Arcadis
	10/20/2016	ND (1.0)	**0.46**	NA	Arcadis
	11/01/2017	ND (1.0)	**0.63**	NA	Arcadis
	04/04/2018	ND (1.0)	**0.54**	NA	Arcadis
	11/27/2018	ND (1.0)	**0.54**	NA	Arcadis
	10/23/2019	ND (1.0)	**0.44**	NA	Arcadis
No. of Samples:	18				
MW-204S1	09/25/2013	**3.6**	**3.2**	NA	CH2M
	10/10/2013	**3.0**	**3.0**	NA	CH2M
	01/20/2014	**3.0**	**2.9**	NA	CH2M
	04/17/2014	**3.3**	**3.3**	NA	CH2M
	07/09/2014	**3.2**	**3.1**	NA	CH2M
	07/09/2014*	**3.2**	**3.2**	NA	CH2M
	10/07/2014	**3.1**	**3.4**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-204S1	01/12/2015	**3.1**	**3.4**	NA	CH2M
	04/03/2015	**3.2**	**3.3**	NA	CH2M
	07/08/2015	**3.0**	**3.4**	NA	CH2M
	10/16/2015	**3.2**	**3.4**	NA	Arcadis
	04/20/2016	**3.3**	**3.4**	NA	Arcadis
	10/20/2016	**3.3**	**3.2**	NA	Arcadis
	02/03/2017	**3.2**	**3.1**	NA	Arcadis
	04/07/2017	**3.2**	**3.0**	NA	Arcadis
	07/12/2017	**2.9**	**3.3**	NA	Arcadis
	10/31/2017	**3.1**	**3.2**	NA	Arcadis
	04/04/2018	**3.2**	**3.3**	NA	Arcadis
	11/27/2018	**3.7**	**3.2**	NA	Arcadis
	10/23/2019	**3.4**	**3.1**	NA	Arcadis
No. of Samples:	20				
MW-204S2	09/25/2013	**3.7**	**3.6**	NA	CH2M
	10/10/2013	**3.2**	**3.3**	NA	CH2M
	01/20/2014	**3.2**	**3.3**	NA	CH2M
	04/17/2014	**3.6**	**3.7**	NA	CH2M
	07/09/2014	**3.6**	**3.7**	NA	CH2M
	10/07/2014	**3.7**	**4.0**	NA	CH2M
	01/12/2015	**3.5**	**4.1**	NA	CH2M
	04/03/2015	**3.8**	**3.8**	NA	CH2M
	07/08/2015	**3.5**	**3.8**	NA	CH2M
	10/16/2015	**3.7**	**4.0**	NA	Arcadis
	01/05/2016	**3.9**	**4.0**	NA	Arcadis
	04/20/2016	**4.9**	**4.2**	NA	Arcadis
	07/07/2016	**3.9**	**4.0**	NA	Arcadis
	10/20/2016	**4.0**	**3.8**	NA	Arcadis
	02/03/2017	**4.4**	**4.1**	NA	Arcadis
	04/07/2017	**3.7**	**3.6**	NA	Arcadis
	07/12/2017	**3.4**	**3.5**	NA	Arcadis
	10/31/2017	**3.8**	**3.8**	NA	Arcadis
	04/04/2018	**3.9**	**3.9**	NA	Arcadis
	11/27/2018	**3.6**	**3.7**	NA	Arcadis
	04/08/2019	**4.1**	**3.9**	NA	Arcadis
	10/23/2019	**3.9**	**3.7**	NA	Arcadis
	06/04/2020	**3.6**	**3.6**	NA	Arcadis
No. of Samples:	23				
MW-205S1	09/30/2013	**4.0**	**3.7**	NA	CH2M
	10/10/2013	**3.7**	**3.6**	NA	CH2M
	01/14/2014	**4.1**	**3.6**	NA	CH2M
	04/10/2014	**3.5**	**3.3**	NA	CH2M
	04/10/2014*	**3.6**	**3.2**	NA	CH2M
	07/17/2014	**3.4**	**3.0**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-205S1	10/06/2014	**4.2**	**3.9**	NA	CH2M
	01/12/2015	**2.9**	**2.5**	NA	CH2M
	04/01/2015	**3.4**	**3.1**	NA	CH2M
	07/06/2015	**3.3**	**2.4**	NA	CH2M
	10/06/2015	**4.0**	**3.9**	NA	Arcadis
	04/04/2016	**3.9**	**2.7**	NA	Arcadis
	06/01/2016	**2.8**	**2.6**	NA	Arcadis
	07/06/2016	**4.2**	**3.6**	NA	Arcadis
	10/05/2016	**4.6**	**3.8**	NA	Arcadis
	01/04/2017	**4.0**	**3.1**	NA	Arcadis
	04/04/2017	**3.2**	**2.8**	NA	Arcadis
	07/11/2017	**2.8**	**3.2**	NA	Arcadis
	10/02/2017	**3.8**	**4.0**	NA	Arcadis
	01/09/2018	**3.5**	**3.2**	NA	Arcadis
	04/02/2018	**3.0**	**2.5**	NA	Arcadis
	10/11/2018	**4.2**	**3.8**	NA	Arcadis
	04/02/2019	**2.7**	**2.6**	NA	Arcadis
	10/07/2019	**3.9**	**3.8**	NA	Arcadis
No. of Samples:	24				
MW-205S2	09/30/2013	**3.8**	**3.7**	NA	CH2M
	10/10/2013	**3.5**	**3.6**	NA	CH2M
	01/14/2014	**3.9**	**3.8**	NA	CH2M
	04/10/2014	**4.0**	**4.0**	NA	CH2M
	07/16/2014	**4.1**	**3.8**	NA	CH2M
	10/06/2014	**4.0**	**4.0**	NA	CH2M
	01/12/2015	**3.9**	**4.1**	NA	CH2M
	01/12/2015*	**4.0**	**4.1**	NA	CH2M
	04/01/2015	**4.2**	**4.0**	NA	CH2M
	07/06/2015	**3.9**	**3.9**	NA	CH2M
	10/06/2015	**4.1**	**3.5**	NA	Arcadis
	01/06/2016	**4.8**	**3.6**	NA	Arcadis
	03/02/2016	**5.6**	**2.6**	NA	Arcadis
	04/04/2016	**3.9**	**3.8**	NA	Arcadis
	06/01/2016	**3.9**	**4.2**	NA	Arcadis
	07/06/2016	**4.7**	**3.7**	NA	Arcadis
	10/05/2016	**4.4**	**3.8**	NA	Arcadis
	04/04/2017	**3.9**	**3.8**	NA	Arcadis
	10/02/2017	**3.8**	**3.9**	NA	Arcadis
	10/11/2018	**4.6**	**3.7**	NA	Arcadis
	10/07/2019	**3.9**	**3.9**	NA	Arcadis
	05/07/2020	**4.0**	**4.0**	NA	Arcadis
No. of Samples:	22				
MW-205S3	09/30/2013	**3.6**	**3.5**	NA	CH2M
	10/10/2013	**3.4**	**3.5**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-205S3	01/14/2014	**4.1**	**3.8**	NA	CH2M
	04/10/2014	**4.0**	**3.9**	NA	CH2M
	07/16/2014	**4.6**	**4.1**	NA	CH2M
	10/06/2014	**3.7**	**3.9**	NA	CH2M
	10/06/2014*	**3.9**	**3.9**	NA	CH2M
	01/12/2015	**3.9**	**4.1**	NA	CH2M
	04/01/2015	**4.3**	**4.1**	NA	CH2M
	07/06/2015	**4.1**	**4.4**	NA	CH2M
	10/06/2015	**3.7**	**4.0**	NA	Arcadis
	10/06/2015*	**3.9**	**4.0**	NA	Arcadis
	04/04/2016	**3.7**	**4.0**	NA	Arcadis
	07/06/2016	**4.2**	**3.8**	NA	Arcadis
	10/05/2016	**4.9**	**3.9**	NA	Arcadis
	10/05/2016*	**4.4**	**3.9**	NA	Arcadis
	01/04/2017	**4.4**	**4.1**	NA	Arcadis
	04/04/2017	**3.9**	**3.7**	NA	Arcadis
	07/11/2017	**3.3**	**3.8**	NA	Arcadis
	10/02/2017	**3.6**	**3.9**	NA	Arcadis
	01/09/2018	**3.7**	**3.6**	NA	Arcadis
	10/11/2018	**4.3**	**3.6**	NA	Arcadis
	10/07/2019	**3.7**	**3.5**	NA	Arcadis
No. of Samples:	23				
MW-206S	06/04/2014	**1.3**	**1.6**	NA	CH2M
	07/10/2014	**1.3**	**1.4**	NA	CH2M
	10/08/2014	**1.1**	**0.99**	NA	CH2M
	01/20/2015	**1.1**	**0.94**	NA	CH2M
	04/07/2015	**1.8**	**1.4**	NA	CH2M
	04/07/2015*	**2.1**	**1.4**	NA	CH2M
	07/21/2015	**2.5**	**1.0**	NA	CH2M
	10/14/2015	**1.8**	**1.6**	NA	Arcadis
	10/14/2015*	**1.8**	**1.5**	NA	Arcadis
	01/11/2016	**2.8**	**2.0**	NA	Arcadis
	01/11/2016*	**2.8**	**2.1**	NA	Arcadis
	04/07/2016	**2.9**	**1.1**	NA	Arcadis
	07/12/2016	**2.3**	**1.9**	NA	Arcadis
	10/14/2016	**3.1**	**2.3**	NA	Arcadis
	01/06/2017	**3.4**	**2.7**	NA	Arcadis
	03/07/2017	**4.3**	**2.2**	NA	Arcadis
	04/07/2017	**5.6**	**2.1**	NA	Arcadis
	06/05/2017	**2.3**	**2.3**	NA	Arcadis
	07/13/2017	**2.3**	**2.4**	NA	Arcadis
	07/13/2017*	**2.3**	**2.5**	NA	Arcadis
	10/09/2017	**3.7**	**3.5**	NA	Arcadis
	10/09/2017*	**3.9**	**3.6**	NA	Arcadis
	11/28/2017	**7.8**	**3.5**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-206S	01/09/2018	**4.6**	**0.79**	NA	Arcadis
	03/08/2018	**6.7**	**2.6**	NA	Arcadis
	04/10/2018	**2.9**	**2.1**	NA	Arcadis
	07/19/2018	**3.8**	**2.3**	NA	Arcadis
	10/08/2018	**3.5**	**3.0**	NA	Arcadis
	01/07/2019	**3.5**	**2.2**	NA	Arcadis
	03/04/2019	**3.0**	**2.5**	NA	Arcadis
	04/11/2019	**4.5**	**2.8**	NA	Arcadis
	04/11/2019*	**4.7**	**2.8**	NA	Arcadis
	07/15/2019	**3.0**	**3.1**	NA	Arcadis
	10/16/2019	**3.5**	**2.7**	NA	Arcadis
	12/05/2019	**4.5**	**3.1**	NA	Arcadis
	01/07/2020	**4.7**	**3.1**	NA	Arcadis
	03/05/2020	**5.4**	**3.2**	NA	Arcadis
	04/16/2020	**5.7**	**3.5**	NA	Arcadis
	06/05/2020	**4.6**	**3.5**	NA	Arcadis
No. of Samples:	39				
MW-207S1	10/16/2014	**9.3**	**9.9**	NA	CH2M
	01/14/2015	**11**	**12**	NA	CH2M
	04/03/2015	**11**	**12**	NA	CH2M
	04/03/2015*	**12**	**12**	NA	CH2M
	07/08/2015	**9.8**	**11**	NA	CH2M
	10/13/2015	**8.6**	**9.0**	NA	Arcadis
	01/06/2016	**9.0**	**8.7**	NA	Arcadis
	04/05/2016	**6.8**	**6.3**	NA	Arcadis
	07/08/2016	**7.7**	**7.3**	NA	Arcadis
	10/07/2016	**6.4**	**7.1**	NA	Arcadis
	01/11/2017	**7.3**	**7.3**	NA	Arcadis
	04/04/2017	**6.4**	**6.7**	NA	Arcadis
	07/14/2017	**6.0**	**6.4**	NA	Arcadis
	10/03/2017	**6.5**	**6.5**	NA	Arcadis
	01/11/2018	**6.7**	**6.4**	NA	Arcadis
	04/04/2018	**6.2**	**6.8**	NA	Arcadis
	04/04/2018*	**6.5**	**6.7**	NA	Arcadis
	07/25/2018	**7.0**	**6.9**	NA	Arcadis
	10/05/2018	**6.4**	**6.4**	NA	Arcadis
	10/05/2018*	**6.1**	**6.3**	NA	Arcadis
	04/08/2019	**6.5**	**6.5**	NA	Arcadis
	10/09/2019	**6.1**	**5.4**	NA	Arcadis
	10/09/2019*	**6.2**	**5.5**	NA	Arcadis
No. of Samples:	23				
MW-207S2	10/16/2014	**2.8**	**2.8**	NA	CH2M
	01/14/2015	**2.5**	**2.8**	NA	CH2M
	04/03/2015	**2.5**	**2.6**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-207S2	07/08/2015	**2.6**	**2.7**	NA	CH2M
	10/13/2015	**2.8**	**2.8**	NA	Arcadis
	04/05/2016	**3.7**	**3.0**	NA	Arcadis
	07/08/2016	**3.0**	**2.9**	NA	Arcadis
	07/08/2016*	**2.9**	**2.9**	NA	Arcadis
	10/07/2016	**3.3**	**3.1**	NA	Arcadis
	01/11/2017	**3.2**	**3.1**	NA	Arcadis
	04/04/2017	**3.2**	**3.4**	NA	Arcadis
	07/14/2017	**3.6**	**3.6**	NA	Arcadis
	10/03/2017	**3.9**	**3.5**	NA	Arcadis
	10/03/2017*	**4.3**	**3.5**	NA	Arcadis
	01/11/2018	**3.7**	**3.5**	NA	Arcadis
	01/11/2018*	**3.6**	**3.5**	NA	Arcadis
	04/04/2018	**3.5**	**3.7**	NA	Arcadis
	07/25/2018	**4.0**	**3.7**	NA	Arcadis
	10/05/2018	**3.7**	**3.6**	NA	Arcadis
	01/07/2019	**3.8**	**3.5**	NA	Arcadis
	04/08/2019	**4.0**	**3.8**	NA	Arcadis
	07/10/2019	**3.9**	**4.1**	NA	Arcadis
	10/09/2019	**4.8**	**3.7**	NA	Arcadis
	12/05/2019	**4.4**	**3.9**	NA	Arcadis
	01/15/2020	**3.7**	**4.0**	NA	Arcadis
	04/14/2020	**4.0**	**4.0**	NA	Arcadis
No. of Samples:	26				
MW-208S	12/18/2014	**2,900**	**2,900**	NA	CH2M
	07/20/2015	**3,400**	**3,300**	NA	CH2M
	01/13/2016	**2,800**	**2,600**	NA	Arcadis
	07/20/2016	**2,500**	**2,300**	NA	Arcadis
	01/31/2017	**2,300**	**2,100**	NA	Arcadis
	01/31/2017*	**2,400**	**2,100**	NA	Arcadis
	07/25/2017	**2,000**	**1,800**	NA	Arcadis
	10/16/2017	**2,000**	**1,900**	NA	Arcadis
	04/17/2018	**1,600**	**1,500**	NA	Arcadis
	10/12/2018	**1,100**	**990**	NA	Arcadis
	01/15/2019	**1,100**	**950**	NA	Arcadis
	01/15/2019*	**1,100**	**950**	NA	Arcadis
	04/11/2019	**930**	**910**	NA	Arcadis
	10/21/2019	**780**	**710**	NA	Arcadis
	01/07/2020	**670**	**630**	NA	Arcadis
	04/20/2020	**580**	**570**	NA	Arcadis
No. of Samples:	16				
MW-209S	12/18/2014	**86**	**98**	NA	CH2M
	04/14/2015	**79**	**87**	NA	CH2M
	07/20/2015	**86**	**87**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-209S	10/23/2015	**63**	**71**	NA	Arcadis
	11/30/2015	**62**	**65**	NA	Arcadis
	11/30/2015*	**62**	**64**	NA	Arcadis
	01/13/2016	**67**	**69**	NA	Arcadis
	04/18/2016	**61**	**63**	NA	Arcadis
	07/20/2016	**54**	**51**	NA	Arcadis
	07/20/2016*	**51**	**51**	NA	Arcadis
	10/20/2016	**43**	**40**	NA	Arcadis
	01/16/2017	**46**	**45**	NA	Arcadis
	04/06/2017	**51**	**56**	NA	Arcadis
	07/25/2017	**43**	**48**	NA	Arcadis
	10/16/2017	**31**	**30**	NA	Arcadis
	01/17/2018	**28**	**26**	NA	Arcadis
	04/16/2018	**25**	**25**	NA	Arcadis
	07/19/2018	**29**	**28**	NA	Arcadis
	10/17/2018	**24**	**24**	NA	Arcadis
	01/15/2019	**24**	**21**	NA	Arcadis
	04/11/2019	**28**	**27**	NA	Arcadis
	07/12/2019	**46**	**46**	NA	Arcadis
	07/12/2019*	**45**	**45**	NA	Arcadis
	10/21/2019	**48**	**43**	NA	Arcadis
	01/07/2020	**43**	**45**	NA	Arcadis
	04/17/2020	**29**	**30**	NA	Arcadis
	04/17/2020*	**30**	**30**	NA	Arcadis
No. of Samples:	27				
MW-210S	12/18/2014	**6.3**	**7.1**	NA	CH2M
	04/17/2015	**8.5**	**9.2**	NA	CH2M
	07/14/2015	**1.5**	**1.6**	NA	CH2M
	10/23/2015	ND (1.0)	ND (0.29)	NA	Arcadis
	11/30/2015	ND (1.0)	**0.16**	NA	Arcadis
	01/13/2016	ND (1.0)	**0.16**	NA	Arcadis
	04/18/2016	ND (1.0)	**0.14**	NA	Arcadis
	04/18/2016*	ND (1.0)	**0.22**	NA	Arcadis
	07/19/2016	ND (1.0)	**0.14**	NA	Arcadis
	10/20/2016	**11**	**10**	NA	Arcadis
	01/13/2017	**12**	**12**	NA	Arcadis
	04/19/2017	ND (1.0)	**0.081**	NA	Arcadis
	07/25/2017	ND (1.0)	ND (0.06)	NA	Arcadis
	10/16/2017	**33**	**34**	NA	Arcadis
	01/17/2018	**37**	**35**	NA	Arcadis
	01/17/2018*	**37**	**36**	NA	Arcadis
	04/16/2018	**45**	**46**	NA	Arcadis
	04/16/2018*	**44**	**46**	NA	Arcadis
	07/19/2018	**53**	**53**	NA	Arcadis
	07/19/2018*	**52**	**53**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-210S	10/17/2018	**140**	**140**	NA	Arcadis
	10/17/2018*	**140**	**140**	NA	Arcadis
	01/15/2019	**89**	**80**	NA	Arcadis
	04/11/2019	**120**	**120**	NA	Arcadis
	07/12/2019	**83**	**76**	NA	Arcadis
	10/21/2019	**31**	**29**	NA	Arcadis
	01/07/2020	**38**	**40**	NA	Arcadis
	04/17/2020	**27**	**28**	NA	Arcadis
No. of Samples:	28				
MW-211S	12/18/2014	**1.3**	**1.3**	NA	CH2M
	04/14/2015	**1.4**	**1.4**	NA	CH2M
	07/14/2015	**1.1**	**1.2**	NA	CH2M
	10/23/2015	**1.6**	**1.6**	NA	Arcadis
	11/30/2015	**1.6**	**1.1**	NA	Arcadis
	01/13/2016	**1.1**	**0.89**	NA	Arcadis
	04/22/2016	ND (1.0)	**0.93**	NA	Arcadis
	07/20/2016	ND (1.0)	**0.8**	NA	Arcadis
	10/20/2016	ND (1.0)	**0.71**	NA	Arcadis
	10/20/2016*	ND (1.0)	**0.73**	NA	Arcadis
	01/13/2017	ND (1.0)	**0.68**	NA	Arcadis
	04/18/2017	**1.1**	**0.64**	NA	Arcadis
	07/25/2017	ND (1.0)	**0.67**	NA	Arcadis
	10/16/2017	ND (1.0)	**0.63**	NA	Arcadis
	01/17/2018	**6.0**	**6.0**	NA	Arcadis
	03/08/2018	**8.5**	**8.3**	NA	Arcadis
	04/17/2018	**15**	**16**	NA	Arcadis
	07/18/2018	**14**	**14**	NA	Arcadis
	10/17/2018	**11**	**11**	NA	Arcadis
	01/15/2019	**4.1**	**3.4**	NA	Arcadis
	01/15/2019*	**4.1**	**3.4**	NA	Arcadis
	04/11/2019	**9.6**	**7.5**	NA	Arcadis
	07/12/2019	**4.4**	**4.6**	NA	Arcadis
	10/21/2019	**3.2**	**3.0**	NA	Arcadis
	01/07/2020	**4.9**	**5.0**	NA	Arcadis
	01/07/2020*	**4.7**	**4.9**	NA	Arcadis
	03/06/2020	**4.8**	**4.6**	NA	Arcadis
	04/17/2020	**4.1**	**3.7**	NA	Arcadis
No. of Samples:	28				
MW-212S1	03/03/2015	**3.4**	**3.8**	NA	CH2M
	06/23/2015	**3.7**	**3.4**	NA	CH2M
	07/07/2015	**3.4**	**3.5**	NA	CH2M
	10/12/2015	**3.3**	**3.5**	NA	Arcadis
	01/05/2016	**5.5**	**3.3**	NA	Arcadis
	03/02/2016	**3.5**	**3.1**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-212S1	04/06/2016	**3.5**	**3.3**	NA	Arcadis
	07/07/2016	**3.4**	**3.4**	NA	Arcadis
	10/10/2016	**3.3**	**3.2**	NA	Arcadis
	01/30/2017	**3.1**	**3.1**	NA	Arcadis
	01/30/2017*	**3.2**	**3.1**	NA	Arcadis
	04/03/2017	**3.3**	**3.2**	NA	Arcadis
	07/12/2017	**3.1**	**3.4**	NA	Arcadis
	10/13/2017	**3.3**	**3.2**	NA	Arcadis
	01/10/2018	**3.5**	**3.2**	NA	Arcadis
	04/03/2018	**4.6**	**3.3**	NA	Arcadis
	06/07/2018	**2.9**	**2.7**	NA	Arcadis
	10/09/2018	**3.3**	**3.3**	NA	Arcadis
	04/02/2019	**3.8**	**3.2**	NA	Arcadis
	10/08/2019	**3.3**	**3.2**	NA	Arcadis
	04/14/2020	**3.5**	**3.3**	NA	Arcadis
No. of Samples:	21				
MW-212S2	03/03/2015	**2.5**	**2.8**	NA	CH2M
	06/22/2015	**3.9**	**3.2**	NA	CH2M
	07/08/2015	**2.8**	**3.2**	NA	CH2M
	10/12/2015	**3.5**	**2.8**	NA	Arcadis
	04/06/2016	**11**	**2.5**	NA	Arcadis
	06/01/2016	**3.0**	**2.5**	NA	Arcadis
	07/07/2016	**3.5**	**3.2**	NA	Arcadis
	10/10/2016	**2.9**	**2.9**	NA	Arcadis
	01/04/2017	**3.8**	**2.9**	NA	Arcadis
	04/03/2017	**3.3**	**2.6**	NA	Arcadis
	07/12/2017	**2.9**	**3.1**	NA	Arcadis
	10/13/2017	**2.7**	**2.3**	NA	Arcadis
	01/10/2018	**2.5**	**1.4**	NA	Arcadis
	03/07/2018	**2.2**	**1.7**	NA	Arcadis
	04/03/2018	**2.9**	**1.3**	NA	Arcadis
	06/07/2018	**2.3**	**2.0**	NA	Arcadis
	10/09/2018	**3.0**	**2.5**	NA	Arcadis
	10/09/2019	**5.3**	**2.1**	NA	Arcadis
	12/05/2019	**2.8**	**2.6**	NA	Arcadis
No. of Samples:	19				
MW-213D	11/01/2016	ND (1.0)	**0.79**	NA	Arcadis
	01/12/2017	**1.2**	**0.44**	NA	Arcadis
	04/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2019	ND (1.0)	ND (0.2)	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-213D	10/15/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/16/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	10				
MW-213S	11/01/2016	**2.8**	**2.3**	NA	Arcadis
	01/12/2017	**5.3**	**4.8**	NA	Arcadis
	03/08/2017	**5.1**	**4.4**	NA	Arcadis
	04/17/2017	**5.3**	**4.8**	NA	Arcadis
	07/25/2017	**4.9**	**5.4**	NA	Arcadis
	07/25/2017*	**5.0**	**5.4**	NA	Arcadis
	10/17/2017	**5.8**	**5.3**	NA	Arcadis
	02/05/2018	**5.2**	**5.3**	NA	Arcadis
	04/16/2018	**5.1**	**4.9**	NA	Arcadis
	07/18/2018	**4.9**	**4.3**	NA	Arcadis
	10/18/2018	**5.0**	**4.3**	NA	Arcadis
	01/15/2019	**4.7**	**3.5**	NA	Arcadis
	03/04/2019	**3.9**	**3.9**	NA	Arcadis
	04/05/2019	**3.6**	**3.5**	NA	Arcadis
	04/05/2019*	**3.4**	**3.5**	NA	Arcadis
	07/10/2019	**3.9**	**3.4**	NA	Arcadis
	10/15/2019	**4.1**	**3.3**	NA	Arcadis
	04/16/2020	**4.0**	**3.1**	NA	Arcadis
No. of Samples:	18				
MW-214D	11/01/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/05/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	10				
MW-214S	11/01/2016	**2.1**	**1.9**	NA	Arcadis
	01/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2017	ND (1.0)	**0.27**	NA	Arcadis
	07/25/2017	ND (1.0)	**0.32**	NA	Arcadis
	10/17/2017	**1.1**	**0.96**	NA	Arcadis
	04/16/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	**1.8**	**1.2**	NA	Arcadis
	04/05/2019	**1.8**	**1.5**	NA	Arcadis
	10/15/2019	**4.2**	**2.9**	NA	Arcadis
	12/05/2019	**2.7**	**2.6**	NA	Arcadis
	04/10/2020	**3.5**	**3.7**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-214S	06/05/2020	**3.8**	ND (3.4)	NA	Arcadis
No. of Samples:	12				
MW-215D	11/01/2016	**1.1**	ND (0.2)	NA	Arcadis
	01/12/2017	**1.4**	ND (0.2)	NA	Arcadis
	04/17/2017	**1.2**	**0.27**	NA	Arcadis
	07/25/2017	ND (1.0)	**0.43**	NA	Arcadis
	10/17/2017	**2.7**	**0.91**	NA	Arcadis
	11/30/2017	ND (1.0)	**0.53**	NA	Arcadis
	04/18/2018	**1.3**	**0.25**	NA	Arcadis
	06/07/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	ND (1.0)	**0.28**	NA	Arcadis
	04/03/2019	**1.1**	**0.58**	NA	Arcadis
	10/15/2019	**2.2**	**0.95**	NA	Arcadis
	12/05/2019	**1.8**	**2.0**	NA	Arcadis
	04/10/2020	**2.1**	**2.2**	NA	Arcadis
No. of Samples:	13				
MW-215S	11/01/2016	**1.9**	**1.5**	NA	Arcadis
	01/12/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/17/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/18/2018	**1.4**	ND (0.2)	NA	Arcadis
	06/07/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/03/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/15/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/10/2020	ND (1.0)	**0.52**	NA	Arcadis
No. of Samples:	11				
MW-216D	12/06/2016	ND (1.0)	**0.56**	NA	Arcadis
	01/13/2017	**1.9**	**1.5**	NA	Arcadis
	04/18/2017	**2.8**	**2.0**	NA	Arcadis
	07/25/2017	**1.7**	**1.9**	NA	Arcadis
	10/17/2017	**3.2**	**2.1**	NA	Arcadis
	10/17/2017*	**3.2**	**2.1**	NA	Arcadis
	11/29/2017	**2.5**	**2.3**	NA	Arcadis
	04/18/2018	**2.7**	**2.4**	NA	Arcadis
	10/18/2018	**2.8**	**2.0**	NA	Arcadis
	04/05/2019	**2.7**	**2.6**	NA	Arcadis
	10/15/2019	**2.8**	**2.3**	NA	Arcadis
	04/10/2020	**2.7**	**2.5**	NA	Arcadis
No. of Samples:	12				
MW-216S	12/06/2016	**2.8**	**2.2**	NA	Arcadis
	01/13/2017	**1.7**	**1.3**	NA	Arcadis
	04/18/2017	**2.1**	**1.8**	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-216S	07/25/2017	**1.6**	**1.3**	NA	Arcadis
	10/16/2017	**2.2**	**1.2**	NA	Arcadis
	04/18/2018	3.4 J	1.3 J	NA	Arcadis
	04/18/2018*	1.0 J	0.44 J	NA	Arcadis
	06/08/2018	**2.3**	**1.9**	NA	Arcadis
	10/18/2018	**2.3**	**1.3**	NA	Arcadis
	04/05/2019	**2.8**	**2.1**	NA	Arcadis
	10/15/2019	**2.2**	**1.8**	NA	Arcadis
	04/10/2020	**2.3**	**1.9**	NA	Arcadis
No. of Samples:	12				
MW-217D	10/20/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/13/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/07/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2017	**1.7**	ND (0.2)	NA	Arcadis
	09/05/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	11/01/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/17/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/10/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	02/11/2019	**1.4**	ND (0.2)	NA	Arcadis
	02/11/2019*	**1.5**	ND (0.2)	NA	Arcadis
	04/17/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	04/17/2019*	ND (1.0)	ND (0.2)	NA	Arcadis
	07/22/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/22/2019*	ND (1.0)	ND (0.2)	NA	Arcadis
	10/24/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	01/15/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	04/16/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	21				
MW-217S	10/19/2016	**4.5**	**4.0**	NA	Arcadis
	11/04/2016	**5.1**	**4.8**	NA	Arcadis
	01/13/2017	**5.5**	**5.1**	NA	Arcadis
	04/07/2017	**6.1**	**6.2**	NA	Arcadis
	07/25/2017	**7.0**	**6.5**	NA	Arcadis
	07/25/2017*	**7.0**	**6.0**	NA	Arcadis
	11/01/2017	**8.7**	**9.1**	NA	Arcadis
	01/17/2018	**4.3**	**1.3**	NA	Arcadis
	03/07/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/19/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/10/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/18/2018	ND (1.0)	ND (0.2)	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-217S	10/18/2018*	ND (1.0)	ND (0.2)	NA	Arcadis
	02/11/2019	**1.2**	**0.63**	NA	Arcadis
	04/17/2019	**1.7**	**1.5**	NA	Arcadis
	07/22/2019	ND (1.0)	**0.38**	NA	Arcadis
	10/24/2019	**2.4**	**0.97**	NA	Arcadis
	12/05/2019	**1.3**	**1.1**	NA	Arcadis
	01/15/2020	ND (1.0)	**0.6**	NA	Arcadis
	01/15/2020*	ND (1.0)	**0.41**	NA	Arcadis
	04/16/2020	ND (1.0)	**0.52**	NA	Arcadis
No. of Samples:	21				
MW-218D	12/06/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/13/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/18/2017	ND (1.0)	**0.3**	NA	Arcadis
	07/25/2017	ND (1.0)	**0.35**	NA	Arcadis
	10/18/2017	ND (1.0)	**0.39**	NA	Arcadis
	04/16/2018	ND (1.0)	**0.4**	NA	Arcadis
	10/18/2018	ND (1.0)	**0.45**	NA	Arcadis
	02/11/2019	ND (1.0)	**0.41**	NA	Arcadis
	04/11/2019	ND (1.0)	**0.43**	NA	Arcadis
	07/16/2019	ND (1.0)	**0.45**	NA	Arcadis
	10/24/2019	ND (1.0)	**0.43**	NA	Arcadis
	01/14/2020	ND (1.0)	**0.44**	NA	Arcadis
	04/16/2020	ND (1.0)	**0.43**	NA	Arcadis
No. of Samples:	13				
MW-218S	12/06/2016	**2.6**	**1.2**	NA	Arcadis
	01/13/2017	**1.8**	**1.3**	NA	Arcadis
	04/18/2017	**2.0**	**1.3**	NA	Arcadis
	07/25/2017	**1.6**	**1.3**	NA	Arcadis
	10/18/2017	**1.5**	**1.4**	NA	Arcadis
	04/16/2018	**1.7**	**1.4**	NA	Arcadis
	10/18/2018	**1.9**	**1.4**	NA	Arcadis
	02/11/2019	**2.1**	**1.0**	NA	Arcadis
	03/04/2019	**1.5**	**1.2**	NA	Arcadis
	04/11/2019	**1.9**	**1.0**	NA	Arcadis
	07/16/2019	**1.2**	**1.2**	NA	Arcadis
	10/24/2019	**1.7**	**0.91**	NA	Arcadis
	01/14/2020	**1.3**	**0.86**	NA	Arcadis
	04/16/2020	**1.4**	**0.88**	NA	Arcadis
No. of Samples:	14				
MW-219S1	12/08/2016	**4.6**	**4.2**	NA	Arcadis
	03/07/2017	**4.0**	**3.2**	NA	Arcadis
	04/18/2017	**3.2**	**2.9**	NA	Arcadis
	04/18/2017*	**3.1**	**2.8**	NA	Arcadis
	07/25/2017	**3.1**	**2.6**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
MW-219S1	10/18/2017	**3.7**	**2.4**	NA	Arcadis
	11/30/2017	**3.3**	**3.4**	NA	Arcadis
	01/17/2018	**3.7**	**3.5**	NA	Arcadis
	04/17/2018	**2.8**	**2.8**	NA	Arcadis
	07/18/2018	**3.4**	**3.7**	NA	Arcadis
	10/17/2018	**3.8**	**3.6**	NA	Arcadis
	01/15/2019	**3.9**	**3.2**	NA	Arcadis
	04/03/2019	**3.5**	**3.3**	NA	Arcadis
	07/09/2019	**3.8**	**4.0**	NA	Arcadis
	10/09/2019	**3.5**	**3.7**	NA	Arcadis
	01/15/2020	**3.8**	**4.0**	NA	Arcadis
	04/24/2020	**3.7**	**3.4**	NA	Arcadis
	05/07/2020	**3.8**	**3.7**	NA	Arcadis
No. of Samples:	18				
MW-219S2	12/08/2016	**1.5**	**1.4**	NA	Arcadis
	03/07/2017	**1.4**	**0.4**	NA	Arcadis
	04/18/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2017	**1.4**	ND (0.2)	NA	Arcadis
	09/05/2017	**1.1**	**0.92**	NA	Arcadis
	10/18/2017	ND (1.0)	**0.27**	NA	Arcadis
	04/16/2018	**1.0**	**1.0**	NA	Arcadis
	10/17/2018	ND (1.0)	**0.36**	NA	Arcadis
	10/09/2019	ND (1.0)	**0.51**	NA	Arcadis
No. of Samples:	9				
MW-220D	08/08/2017	ND (1.0)	**0.36**	NA	Arcadis
	11/03/2017	ND (1.0)	**0.22**	NA	Arcadis
	01/15/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	04/02/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/09/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/08/2018	ND (1.0)	**0.27**	NA	Arcadis
	02/13/2019	ND (1.0)	**0.3**	NA	Arcadis
	04/01/2019	**27**	ND (0.2)	NA	Arcadis
	06/07/2019	ND (1.0)	**0.27**	NA	Arcadis
	10/07/2019	ND (1.0)	**0.35**	NA	Arcadis
	01/14/2020	ND (1.0)	**0.33**	NA	Arcadis
	01/14/2020*	ND (1.0)	**0.33**	NA	Arcadis
	04/06/2020	ND (1.0)	**0.2**	NA	Arcadis
	04/06/2020*	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	14				
MW-220S	01/14/2020	ND (1.0)	**0.38**	NA	Arcadis
	06/02/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	2				
NA-MW-01A	11/28/2006	**5.63**	ND (1.0)	NA	Arcadis
	11/28/2006*	**5.56**	ND (1.0)	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
No. of Samples:	2				
NA-MW-01B	11/27/2006	**8.39**	**8.21**	NA	Arcadis
No. of Samples:	1				
NA-MW-02A	11/28/2006	ND (5.0)	ND (1.0)	NA	Arcadis
No. of Samples:	1				
NA-MW-02B	11/27/2006	**11**	**11.5**	NA	Arcadis
No. of Samples:	1				
NA-MW-03A	11/28/2006	**10.7**	**9.62**	NA	Arcadis
No. of Samples:	1				
NA-MW-03B	11/28/2006	**5.23**	**4.86**	NA	Arcadis
No. of Samples:	1				
NA-RC-01	11/29/2006	**6.02**	**3.99**	NA	Arcadis
	11/29/2006*	**5.52**	**3.82**	NA	Arcadis
No. of Samples:	2				
NA-RC-02	11/28/2006	ND (5.0)	ND (1.0)	NA	Arcadis
No. of Samples:	1				
PGE-06	02/19/2009	ND (1.0)	**0.73**	NA	CH2M
	10/20/2016	ND (1.0)	**0.52**	NA	Arcadis
	04/17/2017	ND (1.0)	**0.65**	NA	Arcadis
	07/18/2017	ND (1.0)	**0.78**	NA	Arcadis
	07/18/2017*	ND (1.0)	**0.72**	NA	Arcadis
	10/19/2017	ND (1.0)	**0.59**	NA	Arcadis
	01/22/2018	ND (1.0)	**0.58**	NA	Arcadis
	01/22/2018*	ND (1.0)	**0.59**	NA	Arcadis
	04/18/2018	ND (1.0)	**0.69**	NA	Arcadis
	07/19/2018	ND (1.0)	**0.74**	NA	Arcadis
	10/18/2018	ND (1.0)	**0.74**	NA	Arcadis
	02/12/2019	**1.2**	**0.7**	NA	Arcadis
	04/11/2019	ND (1.0)	**0.81**	NA	Arcadis
	07/26/2019	ND (1.0)	**0.94**	NA	Arcadis
No. of Samples:	14				
PGE-07	03/07/2001	**49**	NA	**43**	ALISTO
	05/22/2001	**180**	**189**	**180**	ALISTO
	09/26/2001	**100**	NA	**55**	ALISTO
	12/05/2001	**75**	NA	**59**	ALISTO
	08/13/2003	**60.7**	NA	**47.3**	CH2M
	02/18/2004	**65.8**	NA	**62.2**	CH2M
No. of Samples:	6				
PGE-09	03/09/2001	ND (20)	NA	NA	ALISTO
	02/08/2002	**1.8**	NA	NA	CH2M
	08/14/2002	ND (1.0)	**0.52**	NA	CH2M
	12/03/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	4				
PGE-11	05/24/2001	**2.9**	**3.7**	ND (10)	ALISTO

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PGE-11	09/26/2001	2.4 J	**2.2**	ND (10)	ALISTO
	12/06/2001	1.5 J	**2.8**	ND (10)	ALISTO
	02/07/2002	**2.1**	**1.1**	NA	CH2M
	05/23/2002	**1.7**	**1.3**	NA	CH2M
No. of Samples:	5				
PGE-12	03/09/2001	ND (20)	NA	NA	ALISTO
	05/24/2001	2.5 J	**2.0**	ND (10)	ALISTO
	08/16/2001	**1.2**	**0.84**	ND (10)	ALISTO
	09/26/2001	4.0 J	0.86 J	ND (10)	ALISTO
	10/24/2001	2.2 J	0.84 J	ND (10)	ALISTO
	11/19/2001	1.1 J	0.97 J	ND (10)	ALISTO
	12/06/2001	4.4 J	ND (0.2)	ND (10)	ALISTO
	01/22/2002	**1.3**	ND (0.2)	NA	CH2M
	02/07/2002	**1.9**	**1.2**	NA	CH2M
	03/26/2002	**3.4**	**1.2**	NA	CH2M
	04/15/2002	**2.7**	**1.0**	NA	CH2M
	05/23/2002	**1.0**	ND (0.2)	NA	CH2M
	06/25/2002	**1.6**	**1.4**	NA	CH2M
	08/14/2002	ND (1.0)	ND (0.2)	NA	CH2M
	10/15/2002	**2.5**	ND (0.2)	NA	CH2M
	11/13/2002	**1.4**	**1.1**	NA	CH2M
	12/16/2002	**2.4**	**1.2**	NA	CH2M
	01/23/2003	**2.0**	**1.2**	NA	CH2M
	02/19/2003	**4.0**	**1.4**	NA	CH2M
	03/26/2003	**3.1**	**1.7**	NA	CH2M
	04/16/2003	**1.1**	**0.63**	NA	CH2M
	10/18/2007	ND (1.0)	ND (0.2)	NA	CH2M
No. of Samples:	22				
PGE-13	05/24/2001	**2.7**	**3.7**	ND (10)	ALISTO
	09/26/2001	2.2 J	**2.4**	ND (10)	ALISTO
	12/06/2001	1.9 J	ND (0.2)	ND (10)	ALISTO
	02/07/2002	**1.5**	**0.75**	NA	CH2M
	05/23/2002	**1.3**	**0.77**	NA	CH2M
	08/18/2003	**1.4**	**0.54**	NA	CH2M
	02/20/2004	**2.4**	**0.8**	NA	CH2M
	08/31/2004	**2.27**	ND (0.2)	NA	CH2M
No. of Samples:	8				
PGE-14	05/24/2001	2.5 J	**2.0**	ND (10)	ALISTO
	09/26/2001	ND (1.0)	ND (0.2)	ND (10)	ALISTO
	12/06/2001	3.7 J	0.3 J	ND (10)	ALISTO
	02/08/2002	**2.0**	**0.2**	NA	CH2M
	02/11/2009	ND (1.0)	ND (0.2)	NA	CH2M
	11/12/2009	ND (1.0)	ND (0.2)	NA	CH2M
	12/30/2009	ND (1.0)	ND (0.2)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PGE-14	03/02/2010	ND (0.5)	ND (0.2)	NA	CH2M
	05/13/2010	ND (1.0)	**0.31**	NA	CH2M
	08/12/2010	ND (1.0)	**0.45**	NA	CH2M
	10/27/2010	ND (1.0)	**0.44**	NA	CH2M
	03/31/2011	ND (1.0)	**0.38**	NA	CH2M
	05/11/2011	ND (1.0)	**0.38**	NA	CH2M
	07/27/2011	ND (1.0)	**0.37**	NA	CH2M
	08/02/2011	ND (1.0)	NA	NA	CH2M
	08/02/2011*	ND (1.0)	NA	NA	CH2M
	08/18/2011	ND (1.0)	**0.45**	NA	CH2M
	08/30/2011	ND (1.0)	**0.43**	NA	CH2M
	08/30/2011*	ND (1.0)	**0.43**	NA	CH2M
	09/26/2011	ND (1.0)	**0.42**	NA	CH2M
	10/27/2011	**1.3**	**0.49**	NA	CH2M
	10/31/2011	ND (1.0)	**0.43**	NA	CH2M
	01/11/2012	ND (1.0)	**0.46**	NA	CH2M
	02/08/2012	ND (1.0)	**0.35**	NA	CH2M
	03/07/2012	ND (1.0)	**0.35**	NA	CH2M
	03/07/2012*	ND (1.0)	**0.34**	NA	CH2M
	04/04/2012	ND (1.0)	**0.34**	NA	CH2M
	04/26/2012	ND (1.0)	**0.31**	NA	CH2M
	05/02/2012	ND (1.0)	**0.43**	NA	CH2M
	05/02/2012*	ND (1.0)	**0.48**	NA	CH2M
	05/15/2012	ND (1.0)	**0.38**	NA	CH2M
	07/11/2012	ND (1.0)	**0.39**	NA	CH2M
	10/12/2012	ND (1.0)	**0.43**	NA	CH2M
	01/29/2013	ND (1.0)	**0.44**	NA	CH2M
	04/01/2013	ND (1.0)	**0.41**	NA	CH2M
	07/08/2013	ND (1.0)	**0.43**	NA	CH2M
	10/09/2013	ND (1.0)	**0.39**	NA	CH2M
	01/14/2014	ND (1.0)	**0.37**	NA	CH2M
	04/18/2014	ND (1.0)	**0.28**	NA	CH2M
	07/10/2014	ND (1.0)	**0.4**	NA	CH2M
	10/17/2014	ND (1.0)	**0.44**	NA	CH2M
No. of Samples:	41				
PGE-15	11/27/2007	**1.3**	**1.34**	NA	CH2M
	02/19/2009	**2.49**	**2.86**	NA	CH2M
No. of Samples:	2				
PMW-01	03/08/2001	ND (20)	NA	ND (10)	ALISTO
	05/24/2001	**8.0**	**9.0**	ND (10)	ALISTO
	09/25/2001	**6.2**	NA	ND (10)	ALISTO
	12/05/2001	**5.6**	NA	ND (10)	ALISTO
	02/13/2002	**9.0**	**8.8**	NA	CH2M
	05/22/2002	**10.8**	**9.8**	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-01	08/19/2002	**11**	**10.8**	NA	CH2M
	11/11/2002	**16.8**	**12.8**	NA	CH2M
	02/17/2003	**15.1**	**15.5**	NA	CH2M
	08/15/2003	**14.2**	**12.2**	NA	CH2M
	02/21/2006	**15.6**	**16**	NA	CH2M
	08/10/2006	**11.8**	**14**	NA	CH2M
	02/20/2007	**11.4**	**13.1**	NA	CH2M
	08/14/2007	**11.9**	**11.9**	NA	CH2M
	02/19/2008	**6.84**	**8.01**	NA	CH2M
	08/14/2008	**6.83**	**7.11**	NA	CH2M
	12/10/2008	**8.2**	**10.6**	NA	Arcadis
	08/24/2010	**37**	NA	**30.3**	CH2M
	08/10/2011	**99.9**	**104**	NA	CH2M
	02/01/2012	**28.2**	**25.8**	NA	CH2M
	07/18/2012	**12.2**	**12.2**	NA	CH2M
	07/17/2013	**13.1**	**11.6**	NA	CH2M
	07/11/2014	**42**	**42**	NA	CH2M
	07/16/2015	**71**	**77**	NA	CH2M
	07/16/2015*	**77**	**78**	NA	CH2M
	07/19/2017	**7.2**	**2.3**	NA	Arcadis
	05/02/2018	**5.4**	ND (0.2)	NA	Arcadis
	07/25/2018	**15**	**4.2**	NA	Arcadis
	10/24/2018	**2.0**	**0.42**	NA	Arcadis
	02/13/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	02/13/2019*	NA	ND (0.2)	NA	Arcadis
	04/09/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	07/24/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/23/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	01/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
	01/22/2020*	NA	ND (0.2)	NA	Arcadis
	04/22/2020	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	37				
PMW-02	03/08/2001	**180**	NA	**190**	ALISTO
	05/24/2001	**180**	**188**	**180**	ALISTO
	09/25/2001	**210**	NA	**200**	ALISTO
	12/05/2001	**190**	NA	**190**	ALISTO
	02/13/2002	**173**	NA	**178**	CH2M
	05/22/2002	**171**	NA	**183**	CH2M
	08/20/2002	**186**	NA	**182**	CH2M
	08/20/2002*	**180**	NA	**184**	CH2M
	11/11/2002	**219**	NA	203 J	CH2M
	02/17/2003	**192**	NA	**211**	CH2M
	08/12/2003	**213**	NA	**225**	CH2M
	02/21/2006	**284**	NA	**222**	CH2M
	07/26/2006	**215**	**209**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-02	08/08/2006	**213**	NA	**224**	CH2M
	02/16/2007	**158**	**158**	NA	CH2M
	08/14/2007	**138**	NA	**141**	CH2M
	02/19/2008	**133**	NA	**136**	CH2M
	08/14/2008	**138**	**144**	NA	CH2M
	08/23/2010	**122**	**148**	NA	CH2M
	08/10/2011	**59.7**	**63.3**	NA	CH2M
	02/01/2012	**90.8**	**87.2**	NA	CH2M
	07/18/2012	**89.4**	**89.4**	NA	CH2M
	07/17/2013	**118**	**101**	NA	CH2M
	07/11/2014	**100**	**100**	NA	CH2M
	10/21/2014	**90**	**90**	NA	CH2M
	07/16/2015	**82**	**86**	NA	CH2M
	10/20/2015	**85**	**88**	NA	Arcadis
	02/04/2016	**76**	**79**	NA	Arcadis
	08/03/2016	**74**	**69**	NA	Arcadis
	01/18/2017	**95**	**87**	NA	Arcadis
	01/18/2017*	**92**	**90**	NA	Arcadis
	07/19/2017	**70**	**83**	NA	Arcadis
	07/19/2017*	**70**	**82**	NA	Arcadis
	10/25/2017	**80**	**82**	NA	Arcadis
	10/25/2017*	**79**	**82**	NA	Arcadis
	01/31/2018	62 J	**65**	NA	Arcadis
	05/02/2018	**53**	**54**	NA	Arcadis
	07/25/2018	**54**	**54**	NA	Arcadis
	10/24/2018	**50**	**48**	NA	Arcadis
	02/13/2019	**37**	**39**	NA	Arcadis
	05/07/2019	**140**	**130**	NA	Arcadis
	07/24/2019	**390**	**380**	NA	Arcadis
	10/23/2019	**660**	**560**	NA	Arcadis
	01/23/2020	**750**	**740**	NA	Arcadis
	01/23/2020*	**750**	**760**	NA	Arcadis
	04/23/2020	**1,100**	**1,000**	NA	Arcadis
No. of Samples:	46				
PMW-03	03/08/2001	**3,400**	NA	**3,680**	ALISTO
	03/08/2001*	**3,400**	NA	**3,510**	ALISTO
	05/24/2001	**3,400**	**3,360**	**3,380**	ALISTO
	05/24/2001*	**3,700**	**3,510**	**3,570**	ALISTO
	09/25/2001	**3,700**	NA	**3,700**	ALISTO
	09/25/2001*	**3,700**	NA	**3,600**	ALISTO
	12/05/2001	**3,600**	NA	**1,800**	ALISTO
	12/05/2001*	**3,800**	NA	**3,800**	ALISTO
	02/13/2002	**3,460**	NA	**3,880**	CH2M
	05/22/2002	**3,560**	NA	**3,780**	CH2M
	08/20/2002	**3,790**	NA	**3,740**	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-03	11/11/2002	**4,220**	NA	3,630 J	CH2M
	02/17/2003	**3,540**	NA	**3,890**	CH2M
	02/17/2003*	**3,350**	NA	**3,860**	CH2M
	04/16/2003	**3,380**	NA	**3,740**	CH2M
	08/12/2003	**3,400**	NA	**3,550**	CH2M
	08/12/2003*	**3,340**	NA	**3,640**	CH2M
	02/18/2004	**4,910**	NA	**3,750**	CH2M
	02/18/2004*	**4,980**	NA	**3,750**	CH2M
	08/27/2004	**3,180**	NA	**3,590**	CH2M
	08/27/2004*	**3,190**	NA	**3,530**	CH2M
	02/09/2005	**3,500**	NA	**3,390**	CH2M
	02/09/2005*	**3,200**	NA	**3,360**	CH2M
	08/24/2005	**4,750**	NA	**3,500**	CH2M
	08/24/2005*	**5,120**	NA	**3,600**	CH2M
	02/21/2006	**4,170**	NA	**3,610**	CH2M
	04/20/2006	**3,670**	NA	**3,550**	CH2M
	06/14/2006	**4,240**	NA	**3,450**	CH2M
	08/08/2006	**3,160**	NA	**3,600**	CH2M
	10/20/2006	**1,900**	NA	**2,370**	CH2M
	12/07/2006	**3,150**	NA	**3,140**	CH2M
	02/16/2007	**3,370**	**3,390**	NA	CH2M
	04/19/2007	**180**	NA	**176**	CH2M
	06/21/2007	**172**	NA	**199**	CH2M
	06/21/2007*	**177**	NA	**200**	CH2M
	08/14/2007	**187**	NA	**202**	CH2M
	10/18/2007	**157**	NA	**172**	CH2M
	12/05/2007	**150**	NA	**165**	CH2M
	02/19/2008	**147**	NA	**162**	CH2M
	04/11/2008	**145**	**171**	NA	CH2M
	06/13/2008	**1,930**	NA	**1,700**	CH2M
	08/13/2008	**2,950**	NA	**2,330**	CH2M
	02/09/2009	**584**	NA	**466**	CH2M
	02/09/2009*	**574**	NA	**459**	CH2M
	08/07/2009	**2,380**	NA	**2,110**	CH2M
	02/12/2010	**2,100**	NA	**2,350**	CH2M
	08/23/2010	**2,390**	NA	**2,800**	CH2M
	01/26/2011	**2,160**	**2,600**	NA	CH2M
	06/28/2011	NA	**2,000**	NA	CH2M
	07/26/2011	**2,000**	**1,900**	NA	CH2M
	09/19/2011	**1,200**	**1,200**	NA	CH2M
	11/09/2011	**1,700**	**1,600**	NA	CH2M
	01/20/2012	**520**	**520**	NA	CH2M
	05/01/2012	**180**	**190**	NA	CH2M
	08/02/2012	**370**	**370**	NA	CH2M
	10/17/2012	**340**	**330**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-03	01/16/2013	**300**	**300**	NA	CH2M
	04/18/2013	NA	**190**	NA	CH2M
	07/18/2013	**240**	**230**	NA	CH2M
	07/18/2013*	**240**	**230**	NA	CH2M
	10/04/2013	NA	**320**	NA	CH2M
	01/14/2014	**330**	**340**	NA	CH2M
	04/07/2014	NA	**210**	NA	CH2M
	07/11/2014	**360**	**320**	NA	CH2M
	10/20/2014	NA	**1,100**	NA	CH2M
	01/15/2015	**1,900**	**1,900**	NA	CH2M
	04/17/2015	NA	**2,000**	NA	CH2M
	07/16/2015	**900**	**810**	NA	CH2M
	07/16/2015*	**880**	**810**	NA	CH2M
	10/20/2015	NA	**1,600**	NA	Arcadis
	02/05/2016	NA	**0.28**	NA	Arcadis
	05/04/2016	**4.5**	ND (0.2)	NA	Arcadis
	08/03/2016	**3.4**	ND (0.2)	NA	Arcadis
	11/03/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	01/25/2017	2.1 J	ND (0.2)	NA	Arcadis
	01/25/2017*	ND (1.0)	ND (0.2)	NA	Arcadis
	04/27/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	07/28/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	10/26/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	01/31/2018	ND (1.0 J)	ND (0.2)	NA	Arcadis
	05/02/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	10/24/2018	**3.3**	ND (0.2)	NA	Arcadis
	02/13/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	05/08/2019	**2.5**	ND (0.2)	NA	Arcadis
	07/25/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	10/23/2019	**9.8**	ND (0.2)	NA	Arcadis
	01/22/2020	**1.7**	ND (0.2)	NA	Arcadis
	04/23/2020	**2.8**	ND (0.2)	NA	Arcadis
No. of Samples:	89				
PMW-04	03/08/2001	**410**	NA	**425**	ALISTO
	05/24/2001	**350**	**370**	**360**	ALISTO
	09/25/2001	**480**	NA	**470**	ALISTO
	12/05/2001	**520**	NA	**510**	ALISTO
	02/13/2002	**931**	NA	**1,000**	CH2M
	05/22/2002	**1,430**	NA	**1,230**	CH2M
	05/22/2002*	**1,120**	NA	**1,200**	CH2M
	08/20/2002	**1,130**	NA	**1,180**	CH2M
	02/17/2003	**674**	NA	**798**	CH2M
	08/12/2003	**737**	NA	**809**	CH2M
	02/18/2004	**808**	NA	**687**	CH2M

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-04	08/27/2004	**953**	NA	**896**	CH2M
	02/09/2005	**915**	NA	**872**	CH2M
	12/10/2008	**453**	**502**	NA	Arcadis
	04/27/2011	**240**	**240**	NA	CH2M
	06/28/2011	NA	**310**	NA	CH2M
	07/26/2011	**370**	**350**	NA	CH2M
	09/19/2011	**400**	**370**	NA	CH2M
	09/19/2011*	**420**	**380**	NA	CH2M
	11/09/2011	**380**	**360**	NA	CH2M
	01/20/2012	**350**	**350**	NA	CH2M
	05/11/2012	260 J	**270**	NA	CH2M
	08/02/2012	**230**	**230**	NA	CH2M
	08/02/2012*	**240**	**230**	NA	CH2M
	10/17/2012	**190**	**190**	NA	CH2M
	01/16/2013	**150**	**140**	NA	CH2M
	04/18/2013	NA	**50**	NA	CH2M
	07/18/2013	NA	**43**	NA	CH2M
	10/04/2013	NA	**73**	NA	CH2M
	01/14/2014	NA	**91**	NA	CH2M
	04/07/2014	NA	**98**	NA	CH2M
	04/07/2014*	NA	**99**	NA	CH2M
	07/11/2014	NA	**59**	NA	CH2M
	10/20/2014	NA	**48**	NA	CH2M
	01/15/2015	NA	**47**	NA	CH2M
	04/17/2015	NA	**57**	NA	CH2M
	07/16/2015	NA	**100**	NA	CH2M
	10/20/2015	NA	**77**	NA	Arcadis
	02/05/2016	NA	**3.0**	NA	Arcadis
	02/05/2016*	NA	**3.0**	NA	Arcadis
	05/11/2016	NA	ND (0.2)	NA	Arcadis
	05/11/2016*	NA	ND (0.2)	NA	Arcadis
	08/03/2016	**3.4**	ND (0.2)	NA	Arcadis
	08/03/2016*	**3.5**	ND (0.2)	NA	Arcadis
	01/26/2017	**2.8**	ND (0.2)	NA	Arcadis
	01/26/2017*	**1.9**	ND (0.2)	NA	Arcadis
	07/28/2017	**2.0**	ND (0.2)	NA	Arcadis
	07/28/2017*	**2.0**	ND (0.2)	NA	Arcadis
	01/31/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	02/13/2019	ND (1.0)	ND (0.2)	NA	Arcadis
	02/13/2019*	NA	ND (1.0)	NA	Arcadis
	07/24/2019	**1.8**	ND (0.2)	NA	Arcadis
	01/22/2020	**6.2**	ND (0.2)	NA	Arcadis
	01/22/2020*	NA	ND (0.2)	NA	Arcadis
No. of Samples:	55				

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-05	03/08/2001	**360**	NA	**373**	ALISTO
	05/24/2001	**270**	**280**	**270**	ALISTO
	09/25/2001	**510**	NA	**500**	ALISTO
	12/05/2001	**470**	NA	**480**	ALISTO
	02/13/2002	**1,140**	NA	**1,010**	CH2M
	05/23/2002	**986**	NA	**1,000**	CH2M
	08/20/2002	**1,510**	NA	**1,570**	CH2M
	11/11/2002	**1,640**	NA	1,510 J	CH2M
	02/17/2003	**1,210**	NA	**1,460**	CH2M
	04/16/2003	**1,310**	NA	**1,530**	CH2M
	08/12/2003	**1,460**	NA	**1,600**	CH2M
	02/18/2004	**1,670**	NA	**1,280**	CH2M
	08/31/2004	**2,580**	NA	**2,270**	CH2M
	02/09/2005	**2,600**	NA	**2,570**	CH2M
	08/24/2005	**4,000**	NA	**2,970**	CH2M
	02/21/2006	**2,450**	NA	**2,300**	CH2M
	08/08/2006	**1,710**	NA	**1,840**	CH2M
	04/19/2007	**1,390**	NA	**1,550**	CH2M
	06/21/2007	**1,300**	NA	**1,420**	CH2M
	08/14/2007	**1,460**	NA	**1,510**	CH2M
	02/19/2008	**2,120**	NA	**2,270**	CH2M
	08/13/2008	**507**	NA	**450**	CH2M
	12/10/2008	**564**	**583**	NA	Arcadis
	04/27/2011	**1,500**	**1,400**	NA	CH2M
	07/26/2011	**1,300**	**1,200**	NA	CH2M
	09/19/2011	**1,100**	**1,100**	NA	CH2M
	11/09/2011	**56**	**52**	NA	CH2M
	01/20/2012	**17**	ND (0.2)	NA	CH2M
	05/01/2012	**590**	**610**	NA	CH2M
	08/02/2012	**340**	**310**	NA	CH2M
	10/17/2012	**790**	**720**	NA	CH2M
	01/16/2013	**590**	**570**	NA	CH2M
	04/18/2013	NA	**720**	NA	CH2M
	10/04/2013	NA	**540**	NA	CH2M
	01/14/2014	NA	**130**	NA	CH2M
	01/14/2014*	NA	**140**	NA	CH2M
	04/07/2014	NA	**1,100**	NA	CH2M
	07/11/2014	NA	**750**	NA	CH2M
	10/20/2014	NA	**850**	NA	CH2M
	01/15/2015	NA	**550**	NA	CH2M
	06/24/2015	NA	**770**	NA	CH2M
	07/16/2015	NA	**500**	NA	CH2M
	10/20/2015	NA	**1,000**	NA	Arcadis
	02/05/2016	NA	**0.43**	NA	Arcadis
	05/04/2016	ND (1.0)	ND (0.2)	NA	Arcadis

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-05	08/03/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	11/03/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	11/03/2016*	ND (1.0)	ND (0.2)	NA	Arcadis
	01/26/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	04/27/2017	**1,600**	**1,600**	NA	Arcadis
	07/28/2017	**1,300**	**1,300**	NA	Arcadis
	10/26/2017	**1.5**	ND (0.2)	NA	Arcadis
	10/26/2017*	**1.6**	ND (0.2)	NA	Arcadis
	02/01/2018	**490**	**500**	NA	Arcadis
	03/07/2018	**3,300**	**3,000**	NA	Arcadis
	05/02/2018	**63**	**70**	NA	Arcadis
	07/25/2018	**1,500**	**1,400**	NA	Arcadis
	10/25/2018	**720**	**670**	NA	Arcadis
	02/13/2019	**58**	**31**	NA	Arcadis
	05/07/2019	**5.2**	**1.8**	NA	Arcadis
	07/25/2019	**19**	**1.8**	NA	Arcadis
	10/25/2019	**22**	**3.3**	NA	Arcadis
	01/22/2020	**28**	**10**	NA	Arcadis
	04/23/2020	**2.2**	**0.22**	NA	Arcadis
No. of Samples:	64				
PMW-06	03/08/2001	**1,200**	NA	**1,210**	ALISTO
	05/24/2001	**1,100**	**1,180**	**1,120**	ALISTO
	09/25/2001	**1,100**	NA	**1,100**	ALISTO
	12/05/2001	**940**	NA	**900**	ALISTO
	02/13/2002	**640**	NA	**552**	CH2M
	05/23/2002	**547**	NA	**520**	CH2M
	08/20/2002	**482**	NA	**465**	CH2M
	02/17/2003	**384**	NA	**431**	CH2M
	08/12/2003	**377**	NA	**400**	CH2M
	08/12/2003*	**386**	NA	**424**	CH2M
	02/18/2004	**499**	NA	**415**	CH2M
	02/18/2004*	**581**	NA	**421**	CH2M
	08/31/2004	**670**	NA	**420**	CH2M
	08/31/2004*	**672**	NA	**420**	CH2M
	02/09/2005	**415**	NA	**434**	CH2M
	12/10/2008	**137**	**142**	NA	Arcadis
	04/27/2011	ND (1.0)	ND (0.2)	NA	CH2M
	06/29/2011	NA	ND (0.2)	NA	CH2M
	07/26/2011	ND (1.0)	ND (0.2)	NA	CH2M
	09/19/2011	ND (1.0)	ND (0.2)	NA	CH2M
	11/09/2011	ND (1.0)	ND (0.2)	NA	CH2M
	01/20/2012	ND (1.0)	ND (0.2)	NA	CH2M
	05/01/2012	ND (1.0)	ND (0.2)	NA	CH2M
	08/02/2012	ND (1.0)	ND (0.2)	NA	CH2M
	01/16/2013	ND (1.0)	ND (0.2)	NA	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
PMW-06	04/18/2013	NA	ND (0.2)	NA	CH2M
	04/18/2013*	NA	ND (0.2)	NA	CH2M
	07/18/2013	NA	ND (0.2)	NA	CH2M
	10/04/2013	NA	ND (0.2)	NA	CH2M
	01/14/2014	NA	ND (0.2)	NA	CH2M
	04/07/2014	NA	ND (0.2)	NA	CH2M
	07/11/2014	NA	ND (0.2)	NA	CH2M
	10/20/2014	NA	ND (0.2)	NA	CH2M
	01/15/2015	NA	ND (0.2)	NA	CH2M
	01/15/2015*	NA	ND (0.06)	NA	CH2M
	04/17/2015	NA	ND (0.2)	NA	CH2M
	07/16/2015	NA	ND (0.2)	NA	CH2M
	10/20/2015	NA	ND (0.2)	NA	Arcadis
	02/05/2016	NA	ND (0.2)	NA	Arcadis
	08/03/2016	ND (1.0)	ND (0.2)	NA	Arcadis
	07/28/2017	ND (1.0)	ND (0.2)	NA	Arcadis
	02/01/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	02/01/2018*	NA	ND (0.2)	NA	Arcadis
	07/25/2018	ND (1.0)	ND (0.2)	NA	Arcadis
	07/25/2019	ND (1.0)	ND (0.2)	NA	Arcadis
No. of Samples:	45				
RD-01	07/26/2006	**399**	389 J	NA	CH2M
No. of Samples:	1				
SM-05	07/26/2006	**2.07**	1.17 J	NA	CH2M
No. of Samples:	1				
SM-06	07/26/2006	**545**	533 J	NA	CH2M
No. of Samples:	1				
TW-2S	07/15/2003	**15.6**	**14.2**	NA	CH2M
No. of Samples:	1				
WA-MW-01A	11/29/2006	**8.27**	**7.36**	NA	Arcadis
No. of Samples:	1				
WA-MW-01B	11/29/2006	**44**	**53.9**	NA	Arcadis
No. of Samples:	1				
WA-MW-02A	11/29/2006	**60.9**	**75.4**	NA	Arcadis
	02/20/2007	**71**	**71.4**	NA	CH2M
	04/19/2007	**58.7**	NA	**60.5**	CH2M
	06/21/2007	**56.8**	NA	**67.8**	CH2M
	08/17/2007	**39.2**	NA	**42.3**	CH2M
	10/18/2007	**65.6**	NA	**75.4**	CH2M
	10/18/2007*	**64.6**	NA	**75.4**	CH2M
	12/05/2007	**63**	NA	**75.4**	CH2M
	02/14/2008	**70.4**	NA	**72.5**	CH2M
	04/09/2008	**69.1**	NA	**63.1**	CH2M
	06/12/2008	**34.6**	NA	**31.2**	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
WA-MW-02A	08/12/2008	**28**	**26.2**	NA	CH2M
	08/12/2008*	**28.6**	**26.5**	NA	CH2M
No. of Samples:	13				
WA-MW-02B	11/29/2006	**48.4**	**60.8**	NA	Arcadis
No. of Samples:	1				
WA-MW-03A	11/29/2006	**29.2**	**34.6**	NA	Arcadis
No. of Samples:	1				
WA-MW-03B	11/29/2006	**41**	**52.7**	NA	Arcadis
No. of Samples:	1				
WA-MW-04A	11/29/2006	**31.7**	**39.5**	NA	Arcadis
No. of Samples:	1				
WA-MW-04B	11/30/2006	**33.9**	**38.2**	NA	Arcadis
	02/20/2007	**29.1**	**32**	NA	CH2M
	08/17/2007	**37**	NA	**41.1**	CH2M
	02/14/2008	**33**	**34.7**	NA	CH2M
No. of Samples:	4				
WA-RC-01	11/30/2006	**11.7**	ND (1.0)	NA	Arcadis
No. of Samples:	1				
X-01	03/07/2001	**300**	NA	**291**	ALISTO
	05/22/2001	**260**	**264**	**247**	ALISTO
	09/26/2001	**330**	NA	**310**	ALISTO
	12/05/2001	**350**	NA	**330**	ALISTO
	08/19/2003	**316**	NA	**331**	CH2M
	02/17/2004	**571**	NA	**393**	CH2M
	08/31/2004	**797**	NA	**677**	CH2M
No. of Samples:	7				
X-02	03/07/2001	**390**	NA	**393**	ALISTO
	05/22/2001	**580**	**634**	**568**	ALISTO
	09/26/2001	**810**	NA	**750**	ALISTO
	12/05/2001	**1,100**	NA	**1,100**	ALISTO
	08/13/2003	**647**	NA	**653**	CH2M
	02/17/2004	**998**	NA	**665**	CH2M
	08/30/2004	**645**	NA	**704**	CH2M
	02/09/2005	**494**	NA	**554**	CH2M
	08/24/2005	**539**	NA	**534**	CH2M
	02/22/2006	**656**	NA	**543**	CH2M
	02/23/2007	**589**	**600**	NA	CH2M
	08/14/2007	**624**	NA	**671**	CH2M
	02/20/2008	**713**	NA	**819**	CH2M
	08/06/2008	**1,100**	NA	**1,070**	CH2M
No. of Samples:	14				
X-04	04/17/2014	NA	**12**	NA	CH2M
	06/22/2015	**7.2**	**8.0**	NA	CH2M
	07/13/2015	**10**	**11**	NA	CH2M

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-04	08/07/2015	NA	**7.1**	NA	CH2M
	10/08/2015	NA	**4.9**	NA	Arcadis
	01/12/2016	**6.6**	**6.8**	NA	Arcadis
	04/07/2016	**6.0**	**6.2**	NA	Arcadis
	07/14/2016	**5.3**	**5.1**	NA	Arcadis
	10/13/2016	**3.5**	**3.0**	NA	Arcadis
	01/12/2017	**6.8**	**6.4**	NA	Arcadis
	04/20/2017	**8.0**	**7.4**	NA	Arcadis
	07/25/2017	**1.4**	**1.0**	NA	Arcadis
	10/10/2017	**1.4**	**0.81**	NA	Arcadis
	01/18/2018	**1.2**	**0.51**	NA	Arcadis
	04/10/2018	ND (1.0)	**0.44**	NA	Arcadis
	07/17/2018	**5.2**	**2.2**	NA	Arcadis
	09/06/2018	ND (1.0)	**0.52**	NA	Arcadis
	02/13/2019	1.8 J	**0.65**	NA	Arcadis
	02/13/2019*	9.7 J	**0.62**	NA	Arcadis
	04/11/2019	**14**	**12**	NA	Arcadis
	06/05/2019	ND (1.0)	**0.51**	NA	Arcadis
	07/11/2019	ND (1.0)	**0.61**	NA	Arcadis
	10/10/2019	**2.1**	**0.74**	NA	Arcadis
	01/15/2020	**1.2**	**0.74**	NA	Arcadis
	04/14/2020	**1.7**	**1.4**	NA	Arcadis
No. of Samples:	25				
X-05	03/09/2001	**31**	NA	NA	ALISTO
	05/23/2001	**38**	**2.4**	**20**	ALISTO
	09/26/2001	**35**	NA	NA	ALISTO
	12/06/2001	**29**	NA	NA	ALISTO
	02/13/2002	**33**	NA	NA	CH2M
	05/22/2002	**29.2**	NA	**37**	CH2M
	05/22/2002*	**30.8**	NA	**39**	CH2M
	08/20/2002	**41.1**	NA	**13.9**	CH2M
	11/11/2002	**30.8**	NA	25 J	CH2M
	02/17/2003	**31.2**	NA	**27.9**	CH2M
	08/19/2003	**27.1**	NA	**19.6**	CH2M
	02/19/2004	**38.7**	NA	ND (10)	CH2M
	08/30/2004	**32.3**	NA	**28.2**	CH2M
	02/22/2007	**14**	**15.5**	NA	CH2M
	08/14/2007	**23**	**24.1**	NA	CH2M
	02/20/2008	**22.8**	**19.5**	NA	CH2M
	08/13/2008	**22.9**	**20.3**	NA	CH2M
	04/15/2014	NA	**14**	NA	CH2M
	06/22/2015	**11**	**12**	NA	CH2M
	07/13/2015	**10**	**11**	NA	CH2M
	08/07/2015	NA	**11**	NA	CH2M
	10/08/2015	NA	**12**	NA	Arcadis

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Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-05	01/12/2016	**17**	**18**	NA	Arcadis
	04/07/2016	**11**	**10**	NA	Arcadis
	07/14/2016	**9.1**	**9.0**	NA	Arcadis
	10/13/2016	**5.5**	**5.4**	NA	Arcadis
	01/12/2017	**4.6**	**4.6**	NA	Arcadis
	04/20/2017	**4.0**	**4.1**	NA	Arcadis
	07/25/2017	**3.3**	**3.5**	NA	Arcadis
	10/19/2017	**2.8**	**2.6**	NA	Arcadis
	01/18/2018	**2.2**	**1.8**	NA	Arcadis
	04/19/2018	**1.6**	**1.5**	NA	Arcadis
	07/17/2018	**1.6**	**1.3**	NA	Arcadis
	02/13/2019	ND (1.0)	**0.094**	NA	Arcadis
	04/11/2019	**14**	**11**	NA	Arcadis
	06/06/2019	ND (1.0)	**0.11**	NA	Arcadis
	07/11/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	10/10/2019	ND (1.0)	ND (0.06)	NA	Arcadis
	01/15/2020	ND (1.0)	**0.25**	NA	Arcadis
	04/14/2020	**12**	**13**	NA	Arcadis
No. of Samples:	40				
X-06	03/07/2001	**180**	NA	**180**	ALISTO
	05/22/2001	**200**	**208**	**190**	ALISTO
	09/27/2001	**260**	NA	**250**	ALISTO
	12/05/2001	**270**	NA	**270**	ALISTO
	08/20/2002	**310**	NA	**257**	CH2M
	11/11/2002	**296**	NA	257 J	CH2M
	02/17/2003	**246**	NA	**277**	CH2M
	08/13/2003	**270**	NA	**235**	CH2M
	02/18/2004	**639**	NA	**252**	CH2M
	08/30/2004	**193**	NA	**169**	CH2M
	02/09/2005	**130**	NA	**136**	CH2M
	04/14/2008	**94.7**	**102**	NA	Arcadis
	04/10/2014	NA	**23**	NA	CH2M
	06/22/2015	**67**	**61**	NA	CH2M
	07/13/2015	**70**	**74**	NA	CH2M
	08/07/2015	NA	**77**	NA	CH2M
	09/01/2015	NA	**79**	NA	CH2M
	10/13/2015	NA	**39**	NA	Arcadis
	01/12/2016	**41**	**40**	NA	Arcadis
	04/07/2016	**86**	**79**	NA	Arcadis
	04/07/2016*	**94**	**79**	NA	Arcadis
	07/14/2016	**110**	**100**	NA	Arcadis
	10/11/2016	**110**	**100**	NA	Arcadis
	01/12/2017	**110**	**100**	NA	Arcadis
	04/20/2017	**120**	**130**	NA	Arcadis
	07/25/2017	**230**	**220**	NA	Arcadis

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Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-06	10/10/2017	**280**	**290**	NA	Arcadis
	01/18/2018	**210**	**200**	NA	Arcadis
	01/18/2018*	**220**	**200**	NA	Arcadis
	04/10/2018	**230**	**230**	NA	Arcadis
	04/10/2018*	**230**	**230**	NA	Arcadis
	07/17/2018	**220**	**230**	NA	Arcadis
	10/04/2018	**290**	**270**	NA	Arcadis
	02/13/2019	**740**	**700**	NA	Arcadis
	04/11/2019	**60**	**54**	NA	Arcadis
	07/11/2019	**750**	**730**	NA	Arcadis
	10/10/2019	**790**	**700**	NA	Arcadis
	01/14/2020	**750**	**700**	NA	Arcadis
	04/14/2020	**680**	**670**	NA	Arcadis
No. of Samples:	39				
X-07	03/07/2001	**290**	NA	**291**	ALISTO
	03/07/2001*	**290**	NA	**296**	ALISTO
	05/22/2001	**160**	**132**	**150**	ALISTO
	05/22/2001*	**13**	**4.0**	ND (10)	ALISTO
	09/25/2001	**330**	NA	**390**	ALISTO
	09/25/2001*	**410**	NA	**390**	ALISTO
	12/05/2001	**420**	NA	**400**	ALISTO
	12/05/2001*	**420**	NA	**390**	ALISTO
	08/13/2003	**676**	NA	**641**	CH2M
	02/18/2004	**1,490**	NA	**1,090**	CH2M
	08/30/2004	**1,480**	NA	**1,390**	CH2M
	12/09/2004	**937**	**905**	NA	CH2M
	02/11/2005	**1,060**	NA	**1,240**	CH2M
	04/12/2005	**287**	**301**	NA	CH2M
	05/04/2005	**355**	**329**	NA	CH2M
	05/24/2005	**418**	**408**	NA	CH2M
	08/19/2005	**905**	**840**	NA	CH2M
	02/22/2006	**1,370**	NA	**1,200**	CH2M
	08/17/2006	**975**	NA	**1,100**	CH2M
	02/22/2007	**838**	**879**	NA	CH2M
	08/22/2007	786 J	NA	**949**	CH2M
	02/19/2008	**699**	NA	**685**	CH2M
	08/14/2008	**873**	NA	**854**	CH2M
	08/14/2008*	**922**	**974**	NA	CH2M
No. of Samples:	24				
X-08	03/07/2001	**260**	NA	**267**	ALISTO
	05/22/2001	**210**	**212**	**200**	ALISTO
	09/25/2001	**210**	NA	**260**	ALISTO
	12/05/2001	**300**	NA	**290**	ALISTO
	08/15/2003	**356**	NA	**391**	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-08	02/18/2004	**1,100**	NA	**390**	CH2M
	08/30/2004	**420**	NA	**359**	CH2M
	02/10/2005	**393**	NA	**437**	CH2M
	08/24/2005	**464**	NA	**470**	CH2M
	02/22/2007	**401**	**486**	NA	CH2M
	08/14/2007	**402**	NA	**378**	CH2M
	02/19/2008	**286**	NA	**330**	CH2M
	08/14/2008	**310**	NA	**254**	CH2M
No. of Samples:	13				
X-09	08/19/2003	**19.7**	NA	**17.2**	CH2M
	02/20/2004	**23.2**	NA	**21.9**	CH2M
	08/27/2004	**18.2**	NA	**15**	CH2M
	04/14/2008	**23.8**	**18**	NA	Arcadis
	04/29/2014	NA	**96**	NA	CH2M
	06/22/2015	**74**	**73**	NA	CH2M
	07/13/2015	**53**	**57**	NA	CH2M
	08/07/2015	NA	**51**	NA	CH2M
	09/01/2015	NA	**49**	NA	CH2M
	10/08/2015	NA	**46**	NA	Arcadis
	01/20/2016	**46**	**45**	NA	Arcadis
	04/07/2016	**42**	**43**	NA	Arcadis
	07/14/2016	**43**	**43**	NA	Arcadis
	10/11/2016	**47**	**46**	NA	Arcadis
	01/12/2017	**52**	**52**	NA	Arcadis
	04/20/2017	**39**	**41**	NA	Arcadis
	07/25/2017	**31**	**32**	NA	Arcadis
	10/10/2017	**31**	**32**	NA	Arcadis
	01/18/2018	**23**	**23**	NA	Arcadis
	04/10/2018	**14**	**17**	NA	Arcadis
	07/17/2018	**11**	**10**	NA	Arcadis
	02/13/2019	**72**	**72**	NA	Arcadis
	04/11/2019	**75**	**73**	NA	Arcadis
	07/11/2019	**5.4**	**5.7**	NA	Arcadis
	10/10/2019	**3.9**	**3.5**	NA	Arcadis
	01/15/2020	**3.9**	**4.2**	NA	Arcadis
	06/02/2020	**8.9**	**9.3**	NA	Arcadis
No. of Samples:	27				
X-10	03/08/2001	**24**	NA	**23**	ALISTO
	05/23/2001	**74**	**72.4**	**72**	ALISTO
	09/26/2001	**34**	**33**	**24**	ALISTO
	12/06/2001	**31**	NA	**28**	ALISTO
	08/18/2003	**19.3**	NA	**14.8**	CH2M
	02/19/2004	**30.8**	NA	ND (10)	CH2M
	08/27/2004	**15.4**	NA	**10.6**	CH2M

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-10	03/22/2006	**19.4**	**12**	NA	CH2M
	02/22/2007	**15**	**10.6**	NA	CH2M
	08/22/2007	**5.82**	**3.84**	NA	CH2M
	02/20/2008	**5.95**	**5.93**	NA	CH2M
	08/14/2008	**14.8**	**14.5**	NA	CH2M
	11/01/2010	**16.6**	**15.8**	NA	CH2M
	01/31/2011	**10.2**	**9.8**	NA	CH2M
	04/26/2011	**20**	**20**	NA	CH2M
	04/26/2011*	**21**	**20**	NA	CH2M
	07/27/2011	**24**	**22**	NA	CH2M
	11/11/2011	**9.5**	**9.8**	NA	CH2M
	01/25/2012	**3.6**	**3.5**	NA	CH2M
	05/02/2012	**6.0**	**6.4**	NA	CH2M
	08/06/2012	**2.7**	**3.2**	NA	CH2M
	08/06/2012*	**2.8**	**3.3**	NA	CH2M
	10/18/2012	**5.1**	**5.0**	NA	CH2M
	01/15/2013	**32**	**30**	NA	CH2M
	04/18/2013	NA	**55**	NA	CH2M
	07/17/2013	NA	**69**	NA	CH2M
	10/03/2013	NA	**50**	NA	CH2M
	01/13/2014	NA	**34**	NA	CH2M
	04/09/2014	NA	**42**	NA	CH2M
	07/15/2014	NA	**42**	NA	CH2M
	10/13/2014	NA	**42**	NA	CH2M
	01/07/2015	NA	**38**	NA	CH2M
	04/14/2015	NA	**43**	NA	CH2M
	07/17/2015	NA	**10**	NA	CH2M
	07/17/2015*	NA	**9.6**	NA	CH2M
	10/22/2015	NA	**0.72**	NA	Arcadis
	01/13/2016	NA	**21**	NA	Arcadis
	04/14/2016	NA	**0.58**	NA	Arcadis
	07/19/2016	**4.3**	**3.9**	NA	Arcadis
	01/12/2017	**48**	**45**	NA	Arcadis
	07/27/2017	**42**	**45**	NA	Arcadis
	01/24/2018	**4.7**	**4.7**	NA	Arcadis
	07/25/2018	**10**	**9.6**	NA	Arcadis
	01/15/2019	**6.1**	**5.6**	NA	Arcadis
	07/16/2019	**17**	**19**	NA	Arcadis
	01/21/2020	**21**	**22**	NA	Arcadis
	01/21/2020*	**21**	**23**	NA	Arcadis
No. of Samples:	47				
X-11	03/08/2001	**110**	NA	**120**	ALISTO
	03/08/2001*	**110**	NA	NA	ALISTO
	05/23/2001	**130**	**124**	**120**	ALISTO
	05/23/2001*	**120**	**125**	**120**	ALISTO

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Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-11	09/26/2001	**200**	NA	**130**	ALISTO
	09/26/2001*	**200**	NA	**130**	ALISTO
	12/05/2001	**200**	NA	**130**	ALISTO
	12/05/2001*	**190**	NA	**130**	ALISTO
	08/14/2003	**3.9**	NA	ND (10)	CH2M
	09/25/2008	**378**	**99.7**	NA	Arcadis
	10/13/2009	**85.8**	**97**	NA	Arcadis
	01/04/2010	**98**	**100**	NA	Arcadis
	02/02/2010	**96.6**	**98.1**	NA	Arcadis
	02/02/2010*	**96.6**	**97.9**	NA	Arcadis
	03/23/2010	**73.1**	**85**	NA	Arcadis
	05/21/2010	**98.4**	**93.7**	NA	CH2M
	05/21/2010*	**101**	**95.6**	NA	CH2M
	06/22/2010	**83.5**	**79.6**	NA	CH2M
	08/16/2010	**90.6**	**99.8**	NA	CH2M
	08/16/2010*	**90.4**	**99.2**	NA	CH2M
	11/01/2010	**60.2**	**62.8**	NA	CH2M
	01/31/2011	**88.3**	**87.4**	NA	CH2M
	04/26/2011	**37**	**34**	NA	CH2M
	07/27/2011	**60**	**50**	NA	CH2M
	11/11/2011	**38**	**38**	NA	CH2M
	01/25/2012	**16**	**14**	NA	CH2M
	05/02/2012	**23**	**19**	NA	CH2M
	08/06/2012	**2.1**	**0.7**	NA	CH2M
	10/18/2012	**2.6**	**0.24**	NA	CH2M
	01/15/2013	**4.0**	**0.54**	NA	CH2M
	04/18/2013	NA	ND (0.2)	NA	CH2M
	07/17/2013	NA	ND (0.2)	NA	CH2M
	10/03/2013	NA	**0.23**	NA	CH2M
	01/13/2014	NA	**0.7**	NA	CH2M
	04/09/2014	NA	**9.3**	NA	CH2M
	07/15/2014	NA	**0.44**	NA	CH2M
	10/13/2014	NA	**0.89**	NA	CH2M
	01/07/2015	NA	**2.2**	NA	CH2M
	04/14/2015	NA	**1.6**	NA	CH2M
	07/17/2015	NA	**2.2**	NA	CH2M
	10/22/2015	NA	**0.29**	NA	Arcadis
	01/13/2016	NA	**2.7**	NA	Arcadis
	04/14/2016	NA	**1.8**	NA	Arcadis
	07/19/2016	**2.6**	**0.34**	NA	Arcadis
	07/27/2017	**2.5**	**1.3**	NA	Arcadis
	07/25/2018	**10**	**10**	NA	Arcadis
	07/16/2019	**23**	**20**	NA	Arcadis
No. of Samples:	47				
X-12	03/08/2001	**310**	NA	**335**	ALISTO

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-12	05/23/2001	**94**	**89.2**	**89**	ALISTO
	09/26/2001	**270**	NA	**250**	ALISTO
	12/06/2001	**220**	NA	**240**	ALISTO
	08/14/2003	**372**	NA	**311**	CH2M
	02/17/2004	**536**	NA	**360**	CH2M
	08/27/2004	**597**	NA	**366**	CH2M
	02/10/2005	**319**	NA	**343**	CH2M
	09/25/2008	**262**	**260**	NA	Arcadis
	06/23/2010	**247**	**247**	NA	CH2M
	07/27/2011	**190**	**170**	NA	CH2M
	11/11/2011	**170**	**180**	NA	CH2M
	11/11/2011*	**170**	**180**	NA	CH2M
	01/25/2012	**190**	**190**	NA	CH2M
	05/02/2012	**160**	**150**	NA	CH2M
	08/06/2012	**160**	**180**	NA	CH2M
	10/18/2012	**190**	**190**	NA	CH2M
	10/18/2012*	**180**	**180**	NA	CH2M
	01/15/2013	**260**	**260**	NA	CH2M
	04/18/2013	NA	**200**	NA	CH2M
	07/17/2013	NA	**300**	NA	CH2M
	10/03/2013	NA	**260**	NA	CH2M
	01/13/2014	NA	**370**	NA	CH2M
	04/23/2014	NA	**290**	NA	CH2M
	07/15/2014	NA	**480**	NA	CH2M
	07/15/2014*	NA	**470**	NA	CH2M
	10/13/2014	NA	**320**	NA	CH2M
	01/07/2015	**290**	**300**	NA	CH2M
	06/22/2015	**120**	**120**	NA	CH2M
	07/13/2015	**95**	**98**	NA	CH2M
	08/07/2015	NA	**78**	NA	CH2M
	09/01/2015	NA	**69**	NA	CH2M
	10/08/2015	**37**	**39**	NA	Arcadis
	01/07/2016	**15**	**13**	NA	Arcadis
	04/14/2016	**160**	**160**	NA	Arcadis
	07/19/2016	6.1 J	**5.9**	NA	Arcadis
	07/19/2016*	**6.5**	**5.9**	NA	Arcadis
	10/11/2016	**3.3**	**2.9**	NA	Arcadis
	01/12/2017	**2.3**	**1.8**	NA	Arcadis
	01/12/2017*	**2.2**	**1.8**	NA	Arcadis
	04/20/2017	**3.5**	**3.5**	NA	Arcadis
	07/25/2017	**3.0**	**3.3**	NA	Arcadis
	07/25/2017*	**3.2**	**3.3**	NA	Arcadis
	10/10/2017	**3.0**	**3.2**	NA	Arcadis
	01/18/2018	**2.9**	**2.8**	NA	Arcadis
	04/12/2018	**2.6**	**2.7**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-12	07/25/2018	**2.3**	**2.4**	NA	Arcadis
	10/16/2018	**2.4**	**2.3**	NA	Arcadis
	10/16/2018*	**2.5**	**2.6**	NA	Arcadis
	01/08/2019	**2.4**	**2.1**	NA	Arcadis
	01/08/2019*	**2.3**	**2.1**	NA	Arcadis
	04/11/2019	**74**	**74**	NA	Arcadis
	04/11/2019*	**75**	**73**	NA	Arcadis
	06/05/2019	**3.0**	**3.1**	NA	Arcadis
	07/16/2019	**3.1**	**3.3**	NA	Arcadis
	07/16/2019*	**3.2**	**3.3**	NA	Arcadis
	10/25/2019	**3.1**	**3.0**	NA	Arcadis
	01/21/2020	**2.9**	**3.0**	NA	Arcadis
	04/13/2020	**2.9**	**3.2**	NA	Arcadis
No. of Samples:	59				
X-13	03/07/2001	**94**	NA	**95**	ALISTO
	05/23/2001	**400**	**387**	**378**	ALISTO
	09/26/2001	**90**	NA	**42**	ALISTO
	12/06/2001	**41**	NA	**32**	ALISTO
	02/11/2002	**57.6**	NA	**41**	CH2M
	05/20/2002	**35.2**	NA	**43**	CH2M
	08/21/2002	**39.1**	NA	**21.5**	CH2M
	11/12/2002	**36.1**	NA	**14.6**	CH2M
	02/18/2003	**19.5**	NA	**14.9**	CH2M
	08/18/2003	**26.7**	NA	**20.8**	CH2M
	02/19/2004	**7.7**	NA	ND (10)	CH2M
	08/27/2004	**4.56**	NA	ND (10)	CH2M
	09/25/2008	**27.5**	**22.3**	NA	Arcadis
	01/25/2012	**300**	**290**	NA	CH2M
	05/02/2012	**520**	**490**	NA	CH2M
	08/06/2012	**590**	**570**	NA	CH2M
	10/18/2012	**230**	**230**	NA	CH2M
	01/15/2013	**860**	**870**	NA	CH2M
	04/18/2013	NA	**810**	NA	CH2M
	07/17/2013	NA	**810**	NA	CH2M
	08/19/2013	NA	**642**	NA	CH2M
	08/21/2013	NA	**320**	NA	CH2M
	08/22/2013	NA	**298**	NA	CH2M
	10/03/2013	NA	**870**	NA	CH2M
	10/03/2013*	NA	**870**	NA	CH2M
	01/13/2014	NA	**760**	NA	CH2M
	04/09/2014	NA	**720**	NA	CH2M
	07/15/2014	NA	**690**	NA	CH2M
	10/13/2014	NA	**680**	NA	CH2M
	01/07/2015	NA	**740**	NA	CH2M
	06/22/2015	**250**	**230**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-13	07/13/2015	58 J	83 J	NA	CH2M
	08/07/2015	NA	**210**	NA	CH2M
	09/01/2015	NA	**210**	NA	CH2M
	10/08/2015	NA	**200**	NA	CH2M
	01/07/2016	NA	**180**	NA	Arcadis
	04/14/2016	**150**	**150**	NA	Arcadis
	07/19/2016	**130**	**120**	NA	Arcadis
	10/11/2016	**110**	**110**	NA	Arcadis
	01/12/2017	**88**	**88**	NA	Arcadis
	04/20/2017	**83**	**85**	NA	Arcadis
	04/20/2017*	**85**	**86**	NA	Arcadis
	07/25/2017	**75**	**77**	NA	Arcadis
	10/10/2017	**81**	**83**	NA	Arcadis
	01/18/2018	**70**	**70**	NA	Arcadis
	01/18/2018*	**71**	**73**	NA	Arcadis
	05/02/2018	**71**	**78**	NA	Arcadis
	05/02/2018*	**71**	**77**	NA	Arcadis
	07/25/2018	**67**	**69**	NA	Arcadis
	10/16/2018	**72**	**75**	NA	Arcadis
	01/08/2019	**71**	**70**	NA	Arcadis
	04/11/2019	**67**	**66**	NA	Arcadis
	07/16/2019	**120**	**130**	NA	Arcadis
	11/08/2019	**130**	**130**	NA	Arcadis
	11/08/2019*	**120**	**130**	NA	Arcadis
	12/05/2019	**90**	**100**	NA	Arcadis
	01/21/2020	**130**	**130**	NA	Arcadis
	04/13/2020	**130**	**140**	NA	Arcadis
	04/13/2020*	**130**	**140**	NA	Arcadis
No. of Samples:	59				
X-14	03/08/2001	**110**	NA	**120**	ALISTO
	05/23/2001	**110**	**100**	**110**	ALISTO
	09/25/2001	**76**	NA	**51**	ALISTO
	12/07/2001	**71**	NA	**63**	ALISTO
	08/14/2003	**34.9**	NA	**31.6**	CH2M
	02/17/2004	**17.4**	NA	ND (10)	CH2M
	08/27/2004	**48.4**	NA	**45.7**	CH2M
	02/10/2005	5.68 J	NA	24.3 J	CH2M
	09/25/2008	**215**	**193**	NA	Arcadis
	05/17/2012	**210**	**210**	NA	CH2M
No. of Samples:	10				
X-15	03/08/2001	11 J	NA	**20**	ALISTO
	12/05/2001	**40**	NA	**45**	ALISTO
	09/13/2016	**2.2**	**2.1**	NA	Arcadis
	07/28/2017	**9.8**	**10**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-15	07/27/2018	**8.1**	**8.2**	NA	Arcadis
	07/16/2019	**9.3**	**10**	NA	Arcadis
	04/09/2020	**26**	**25**	NA	Arcadis
	06/02/2020	**48**	**37**	NA	Arcadis
No. of Samples:	8				
X-16	03/08/2001	**22**	NA	**27**	ALISTO
	05/23/2001	**25**	**25.5**	**25**	ALISTO
	09/26/2001	**100**	NA	**81**	ALISTO
	12/13/2001	**84**	NA	**71**	ALISTO
	05/21/2002	**106**	NA	**114**	CH2M
	08/21/2002	**108**	NA	**91.5**	CH2M
	11/12/2002	**82.7**	NA	**81.3**	CH2M
	02/18/2003	**92**	NA	**90.6**	CH2M
	02/18/2003*	**92.3**	NA	**89.6**	CH2M
	06/24/2003	**67.9**	**63.8**	NA	CH2M
	08/14/2003	**94.3**	**95.5**	NA	CH2M
	08/14/2003*	**91.3**	**97.3**	NA	CH2M
	10/29/2003	**78.8**	**71.8**	NA	CH2M
	12/02/2003	85.6 J	**76**	NA	CH2M
	02/20/2004	**109**	116 J	NA	CH2M
	02/20/2004*	**109**	124 J	NA	CH2M
	04/27/2004	**98.6**	**107**	NA	CH2M
	06/15/2004	**103**	**99.3**	NA	CH2M
	08/27/2004	**90**	99.1 J	NA	CH2M
	08/27/2004*	**100**	78.9 J	NA	CH2M
	10/15/2004	**82**	**91.9**	NA	CH2M
	12/08/2004	**117**	**110**	NA	CH2M
	09/25/2008	**132**	**111**	NA	Arcadis
	09/25/2008*	**136**	**112**	NA	Arcadis
	06/22/2010	**168**	**173**	NA	CH2M
	11/01/2010	**171**	**185**	NA	CH2M
	01/31/2011	**94.6**	**92.2**	NA	CH2M
	04/26/2011	**61**	**56**	NA	CH2M
	07/27/2011	**55**	**46**	NA	CH2M
	11/11/2011	**44**	**42**	NA	CH2M
	01/25/2012	**35**	**33**	NA	CH2M
	05/02/2012	**34**	**34**	NA	CH2M
	08/06/2012	**28**	**32**	NA	CH2M
	10/18/2012	**28**	**26**	NA	CH2M
	01/15/2013	**27**	**24**	NA	CH2M
	01/15/2013*	**27**	**25**	NA	CH2M
	04/18/2013	NA	**17**	NA	CH2M
	04/18/2013*	NA	**17**	NA	CH2M
	07/17/2013	NA	**17**	NA	CH2M
	10/03/2013	NA	**20**	NA	CH2M

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
X-16	01/13/2014	NA	**23**	NA	CH2M
	04/09/2014	NA	**12**	NA	CH2M
	07/15/2014	NA	**15**	NA	CH2M
	10/13/2014	NA	**14**	NA	CH2M
	01/07/2015	NA	**13**	NA	CH2M
	04/14/2015	NA	**14**	NA	CH2M
	07/17/2015	NA	**9.0**	NA	CH2M
	10/22/2015	NA	**8.6**	NA	Arcadis
	01/13/2016	NA	**7.4**	NA	Arcadis
	04/14/2016	NA	**5.3**	NA	Arcadis
	07/19/2016	**13**	**8.0**	NA	Arcadis
	07/28/2017	**5.1**	**4.3**	NA	Arcadis
	07/27/2018	**3.1**	**0.54**	NA	Arcadis
	07/16/2019	ND (1.0)	**0.38**	NA	Arcadis
	04/23/2020	NA	**0.72**	NA	Arcadis
No. of Samples:	55				
X-17	03/08/2001	ND (20)	NA	ND (10)	ALISTO
	09/25/2001	**59**	NA	**40**	ALISTO
	12/07/2001	**39**	NA	**40**	ALISTO
	08/18/2003	**5.2**	ND (0.2)	NA	CH2M
	09/25/2008	**131**	**38.4**	NA	Arcadis
	02/05/2009	**56.2**	**50.7**	NA	CH2M
	04/30/2009	**85.6**	**87.8**	NA	Arcadis
	04/30/2009*	**89.6**	**87.8**	NA	Arcadis
	08/06/2009	**107**	**89.1**	NA	CH2M
	02/17/2010	**85.6**	**91.7**	NA	CH2M
	07/19/2016	**5.4**	**5.1**	NA	Arcadis
	01/12/2017	**32**	**28**	NA	Arcadis
	07/28/2017	**7.6**	**6.2**	NA	Arcadis
	01/24/2018	**110**	**60**	NA	Arcadis
	07/25/2018	**36**	**30**	NA	Arcadis
	01/15/2019	**76**	**67**	NA	Arcadis
	07/16/2019	**230**	**250**	NA	Arcadis
	01/21/2020	**130**	**120**	NA	Arcadis
No. of Samples:	18				
Y-01	08/26/2013	**10.7**	**11.7**	NA	CH2M
	07/17/2014	NA	**12**	NA	CH2M
	10/14/2014	NA	**13**	NA	CH2M
	01/22/2015	NA	**12**	NA	CH2M
	04/13/2015	**8.7**	**9.1**	NA	CH2M
	08/03/2015	**16**	**17**	NA	CH2M
	10/06/2015	**6.5**	**7.4**	NA	Arcadis
	03/02/2016	**4.9**	**5.4**	NA	Arcadis
	04/05/2016	**4.9**	**5.0**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
Y-01	07/21/2016	**4.1**	**4.6**	NA	Arcadis
	07/21/2016*	**4.4**	**4.6**	NA	Arcadis
	10/04/2016	**4.6**	**4.4**	NA	Arcadis
	01/05/2017	**4.3**	**4.8**	NA	Arcadis
	04/06/2017	**3.3**	**3.7**	NA	Arcadis
	04/06/2017*	**3.4**	**3.7**	NA	Arcadis
	07/20/2017	**3.5**	**3.5**	NA	Arcadis
	10/03/2017	**2.6**	**3.4**	NA	Arcadis
	01/16/2018	**2.5**	**2.6**	NA	Arcadis
	04/03/2018	**2.4**	**2.8**	NA	Arcadis
	07/17/2018	**2.7**	**2.7**	NA	Arcadis
	10/05/2018	**2.7**	**2.9**	NA	Arcadis
	10/05/2018*	**2.7**	**2.8**	NA	Arcadis
	02/12/2019	**2.6**	**2.7**	NA	Arcadis
	04/04/2019	**2.0**	**2.5**	NA	Arcadis
	07/11/2019	**1.9**	**2.3**	NA	Arcadis
	10/10/2019	**2.0**	**2.2**	NA	Arcadis
	01/14/2020	**2.1**	**2.3**	NA	Arcadis
	04/14/2020	**2.0**	**2.1**	NA	Arcadis
No. of Samples:	28				
Y-02	08/26/2013	**5.9**	**6.6**	NA	CH2M
No. of Samples:	1				
Y-03	08/26/2013	**12.3**	**13.6**	NA	CH2M
	07/17/2014	NA	**11**	NA	CH2M
	10/14/2014	NA	**12**	NA	CH2M
	01/22/2015	NA	**8.5**	NA	CH2M
	04/13/2015	**5.5**	**5.8**	NA	CH2M
	07/09/2015	**7.3**	**7.8**	NA	CH2M
	10/06/2015	**6.7**	**7.3**	NA	Arcadis
	01/05/2016	**5.7**	**6.0**	NA	Arcadis
	04/05/2016	**6.9**	**6.0**	NA	Arcadis
	04/05/2016*	**7.2**	**6.0**	NA	Arcadis
	07/21/2016	**5.5**	**5.8**	NA	Arcadis
	10/04/2016	**5.5**	**5.6**	NA	Arcadis
	01/05/2017	**5.1**	**5.7**	NA	Arcadis
	01/05/2017*	**5.3**	**5.7**	NA	Arcadis
	04/06/2017	**4.6**	**5.2**	NA	Arcadis
	07/20/2017	**4.0**	**4.8**	NA	Arcadis
	07/20/2017*	**4.1**	**4.7**	NA	Arcadis
	10/03/2017	**4.4**	**5.1**	NA	Arcadis
	10/03/2017*	**4.0**	**5.1**	NA	Arcadis
	01/16/2018	**4.6**	**4.9**	NA	Arcadis
	04/03/2018	**4.2**	**4.6**	NA	Arcadis
	04/03/2018*	**4.3**	**4.6**	NA	Arcadis

Table E-1
Groundwater Chromium Sampling Results for GMP Wells, 2001 through Current Quarter
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Total Dissolved Chromium (µg/L) SW6010/6020	Hexavalent Chromium (µg/L) SW7199/218.6	Hexavalent Chromium (µg/L) SW7196A/3600	Data Source
Y-03	07/17/2018	**4.4**	**4.6**	NA	Arcadis
	10/05/2018	**4.4**	**4.4**	NA	Arcadis
	02/12/2019	**4.3**	**4.2**	NA	Arcadis
	04/04/2019	**3.5**	**4.0**	NA	Arcadis
	07/11/2019	**2.8**	**3.4**	NA	Arcadis
	10/10/2019	**3.1**	**3.2**	NA	Arcadis
	01/14/2020	**3.4**	**3.4**	NA	Arcadis
	04/14/2020	**2.9**	**2.9**	NA	Arcadis
No. of Samples:	30				

Notes:

Results that are bolded are detected concentrations without J qualifier.
All concentrations in micrograms per liter (µg/L)

[a] PG&E believes all Fourth Quarter 2014 and First Quarter 2015 chromium concentrations in the MW-196 well cluster reflect local groundwater conditions and are not related to the chromium plume. Discussions regarding these results were presented in the January 30, 2015 Evaluation of Fourth Quarter 2014 Chromium Results for the MW-196 Monitoring Well Cluster and the April 30, 2015 Evaluation of First Quarter 2015 Chromium Results for the MW-196 Monitoring Well Cluster.

[b] Samples were collected after isolating deep screen of extraction well with a packer.

[c] Samples were collected after isolating shallow screen of extraction well with a packer.

Abbreviations:

* = Results shown are for a duplicate sample taken on this date.
µg/L = micrograms per liter
Alisto = Alisto Engineering Group
Arcadis = Arcadis U.S., Inc.
CH2M = CH2M HILL, Inc.
GMP = Groundwater Monitoring Program
J = Analyte was present in the sample but the laboratory reported concentration is qualified as estimated by data validation because one or more quality control criteria were not met.
NA = Sample was not analyzed using this method.
ND (x.x) = Parameter is not detected at the reporting limit shown.

APPENDIX F

Laboratory Analytical Reports and Chain-of-Custody Records (provided at Geotracker website http://geotracker.waterboards.ca.gov/profile_report?global_id=SL0607111288)

Table F-1
Index to Laboratory Analytical Reports and Chain-of-Custody Records
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
01-01A	04/06/20		ASSET	N040212	N040212-001A
	04/06/20		ASSET	N040212	N040212-001B
02-02A	04/06/20		ASSET	N040212	N040212-002A
	04/06/20		ASSET	N040212	N040212-002B
02-02B	04/06/20		ASSET	N040212	N040212-003A
	04/06/20		ASSET	N040212	N040212-003B
02-23	04/06/20		ASSET	N040212	N040212-007A
	04/06/20		ASSET	N040212	N040212-007B
22-103	04/09/20		ASSET	N040260	N040260-001A
	04/09/20		ASSET	N040260	N040260-001B
22-48	04/09/20		ASSET	N040260	N040260-008A
	04/09/20		ASSET	N040260	N040260-008B
22-60	04/09/20		ASSET	N040260	N040260-007A
	04/09/20		ASSET	N040260	N040260-007B
22-75	04/10/20		ASSET	N040266	N040266-006A
	04/10/20		ASSET	N040266	N040266-006B
22-82	04/09/20		ASSET	N040260	N040260-009A
	04/09/20		ASSET	N040260	N040260-009B
23-30	04/07/20		ASSET	N040232	N040232-008A
	04/07/20		ASSET	N040232	N040232-008B
	05/07/20		ASSET	N040563	N040563-001A
	05/07/20		ASSET	N040563	N040563-001B
25-16	04/07/20		ASSET	N040232	N040232-007A
	04/07/20		ASSET	N040232	N040232-007B
26-65	04/09/20		ASSET	N040260	N040260-004A
	04/09/20		ASSET	N040260	N040260-004B
	04/09/20	FD	ASSET	N040260	N040260-005A
	04/09/20	FD	ASSET	N040260	N040260-005B
26-66	04/09/20		ASSET	N040260	N040260-006A
	04/09/20		ASSET	N040260	N040260-006B
27-16	04/10/20		ASSET	N040266	N040266-001A
	04/10/20		ASSET	N040266	N040266-001B
27-26	04/10/20		ASSET	N040266	N040266-002A
	04/10/20		ASSET	N040266	N040266-002B
27-42	04/10/20		ASSET	N040266	N040266-007A
	04/10/20		ASSET	N040266	N040266-007B
27-43	04/10/20		ASSET	N040266	N040266-003A

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27-43	04/10/20		ASSET	N040266	N040266-003B
27-48	04/10/20		ASSET	N040266	N040266-008A
	04/10/20		ASSET	N040266	N040266-008B
27-49	04/10/20		ASSET	N040266	N040266-004A
	04/10/20		ASSET	N040266	N040266-004B
	04/10/20	FD	ASSET	N040266	N040266-005A
	04/10/20	FD	ASSET	N040266	N040266-005B
28-20	04/08/20		ASSET	N040244	N040244-002A
	04/08/20		ASSET	N040244	N040244-002B
28-22	04/08/20		ASSET	N040244	N040244-001A
	04/08/20		ASSET	N040244	N040244-001B
28-36	04/09/20		ASSET	N040260	N040260-002A
	04/09/20		ASSET	N040260	N040260-002B
	05/07/20		ASSET	N040563	N040563-002A
	05/07/20		ASSET	N040563	N040563-002B
28-40	04/09/20		ASSET	N040260	N040260-003A
	04/09/20		ASSET	N040260	N040260-003B
28-51	04/08/20		ASSET	N040244	N040244-004A
	04/08/20		ASSET	N040244	N040244-004B
28-82	04/08/20		ASSET	N040244	N040244-003A
	04/08/20		ASSET	N040244	N040244-003B
28N-05	04/13/20		ASSET	N040288	N040288-001A
	04/13/20		ASSET	N040288	N040288-001B
30E-01	04/07/20		ASSET	N040232	N040232-005A
	04/07/20		ASSET	N040232	N040232-005B
30E-12	04/07/20		ASSET	N040232	N040232-006A
	04/07/20		ASSET	N040232	N040232-006B
31E-07	04/07/20		ASSET	N040232	N040232-004A
	04/07/20		ASSET	N040232	N040232-004B
34-63	04/06/20		ASSET	N040212	N040212-004A
	04/06/20		ASSET	N040212	N040212-004B
	04/06/20	FD	ASSET	N040212	N040212-005A
	04/06/20	FD	ASSET	N040212	N040212-005B
34-77	04/06/20		ASSET	N040212	N040212-006A
	04/06/20		ASSET	N040212	N040212-006B
36-26	04/07/20		ASSET	N040232	N040232-002A
	04/07/20		ASSET	N040232	N040232-002B

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36-41	04/07/20		ASSET	N040232	N040232-003A
	04/07/20		ASSET	N040232	N040232-003B
BGS-48	04/07/20		ASSET	N040232	N040232-001A
	04/07/20		ASSET	N040232	N040232-001B
BW-01D	04/09/20		ASSET	N040261	N040261-001A
	04/09/20		ASSET	N040261	N040261-001B
BW-01S	04/09/20		ASSET	N040261	N040261-002A
	04/09/20		ASSET	N040261	N040261-002B
	06/02/20		ASSET	N040840	N040840-002A
	06/02/20		ASSET	N040840	N040840-002B
C-01	04/14/20		ASSET	N040305	N040305-018A
	04/14/20		ASSET	N040305	N040305-018B
C-02	04/07/20		ASSET	N040234	N040234-004A
	04/07/20		ASSET	N040234	N040234-004B
	04/07/20		ASSET	N040234	N040234-004C
	04/07/20		ASSET	N040234	N040234-004E
	04/07/20		PACE	N040234_30358586	30358586004
C-03	04/07/20		ASSET	N040234	N040234-005A
	04/07/20		ASSET	N040234	N040234-005B
	04/07/20		ASSET	N040234	N040234-005C
	04/07/20		ASSET	N040234	N040234-005E
	04/07/20		PACE	N040234_30358586	30358586007
C-04	04/14/20		ASSET	N040305	N040305-019A
	04/14/20		ASSET	N040305	N040305-019B
CA-MW-107D	04/16/20		ASSET	N040338	N040338-002A
	04/16/20		ASSET	N040338	N040338-002B
CA-MW-312D	04/24/20		ASSET	N040429	N040429-006A
	04/24/20		ASSET	N040429	N040429-006C
CA-MW-313R	04/24/20		ASSET	N040429	N040429-003A
	04/24/20		ASSET	N040429	N040429-003C
CA-MW-412D	04/24/20		ASSET	N040429	N040429-008A
	04/24/20		ASSET	N040429	N040429-008C
CA-MW-412D2	04/24/20		ASSET	N040429	N040429-004A
	04/24/20		ASSET	N040429	N040429-004C
CA-MW-510D	05/04/20		ASSET	N040501	N040501-001A
	05/04/20		ASSET	N040501	N040501-001D
DW-02	04/17/20		ASSET	N040347	N040347-008A

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DW-02	04/17/20		ASSET	N040347	N040347-008B
	04/17/20		ASSET	N040347	N040347-008C
	04/17/20		ASSET	N040347	N040347-008E
	04/17/20		PACE	N040347_30360463	30360463006
DW-03	04/09/20		ASSET	N040261	N040261-018A
	04/09/20		ASSET	N040261	N040261-018B
	04/09/20		ASSET	N040261	N040261-018C
	04/09/20		ASSET	N040261	N040261-018E
	04/09/20		PACE	N040261_30358759	30358759003
	04/09/20	FD	ASSET	N040261	N040261-019A
	04/09/20	FD	ASSET	N040261	N040261-019B
	04/09/20	FD	ASSET	N040261	N040261-019C
	04/09/20	FD	ASSET	N040261	N040261-019E
	04/09/20	FD	PACE	N040261_30358759	30358759004
EX-01	04/16/20		ASSET	N040336	N040336-003A
	04/16/20		ASSET	N040336	N040336-003B
EX-02	04/07/20		ASSET	N040234	N040234-008A
	04/07/20		ASSET	N040234	N040234-008B
EX-03	04/24/20		ASSET	N040431	N040431-001A
	04/24/20		ASSET	N040431	N040431-001B
	06/05/20		ASSET	N040886	N040886-004A
	06/05/20		ASSET	N040886	N040886-004B
EX-04	04/14/20		ASSET	N040304	N040304-002A
	04/14/20		ASSET	N040304	N040304-002B
	04/14/20	FD	ASSET	N040304	N040304-003A
	04/14/20	FD	ASSET	N040304	N040304-003B
	06/05/20		ASSET	N040886	N040886-005A
	06/05/20		ASSET	N040886	N040886-005B
EX-05	04/14/20		ASSET	N040304	N040304-001A
	04/14/20		ASSET	N040304	N040304-001B
EX-15	04/16/20		ASSET	N040335	N040335-013A
	04/16/20		ASSET	N040335	N040335-013B
	04/16/20		Field	Manual	NA
EX-16	04/23/20		ASSET	N040421	N040421-003A
	04/23/20		ASSET	N040421	N040421-003B
EX-17	04/23/20		ASSET	N040421	N040421-002A
	04/23/20		ASSET	N040421	N040421-002B

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EX-20	04/16/20		ASSET	N040335	N040335-003A
	04/16/20		ASSET	N040335	N040335-003B
EX-21	05/08/20		ASSET	N040570	N040570-003A
	05/08/20		ASSET	N040570	N040570-003B
EX-22	04/16/20		ASSET	N040336	N040336-004A
	04/16/20		ASSET	N040336	N040336-004B
EX-23	04/24/20		ASSET	N040430	N040430-002A
	04/24/20		ASSET	N040430	N040430-002B
	04/24/20		ASSET	N040430	N040430-002C
	04/24/20		ASSET	N040430	N040430-002D
	04/24/20		PACE	N040430_30361391	30361391001
	04/24/20	FD	ASSET	N040430	N040430-003A
	04/24/20	FD	ASSET	N040430	N040430-003B
	04/24/20	FD	ASSET	N040430	N040430-003C
	04/24/20	FD	ASSET	N040430	N040430-003D
	04/24/20	FD	PACE	N040430_30361391	30361391002
EX-24	04/07/20		ASSET	N040234	N040234-009A
	04/07/20		ASSET	N040234	N040234-009B
	04/07/20		ASSET	N040234	N040234-009C
	04/07/20		ASSET	N040234	N040234-009E
	04/07/20		PACE	N040234_30358586	30358586008
EX-25	04/07/20		ASSET	N040234	N040234-010A
	04/07/20		ASSET	N040234	N040234-010B
EX-27	04/07/20		ASSET	N040234	N040234-011A
	04/07/20		ASSET	N040234	N040234-011B
	04/07/20		ASSET	N040234	N040234-011C
	04/07/20		ASSET	N040234	N040234-011E
	04/07/20		PACE	N040234_30358586	30358586009
EX-29	04/16/20		ASSET	N040336	N040336-005A
	04/16/20		ASSET	N040336	N040336-005B
EX-30	04/16/20		ASSET	N040336	N040336-006A
	04/16/20		ASSET	N040336	N040336-006B
EX-31	04/16/20		ASSET	N040335	N040335-001A
	04/16/20		ASSET	N040335	N040335-001B
	06/04/20		ASSET	N040874	N040874-011A
	06/04/20		ASSET	N040874	N040874-011B
EX-32	04/16/20		ASSET	N040335	N040335-011A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
EX-32	04/16/20		ASSET	N040335	N040335-011B
	04/16/20		ASSET	N040335	N040335-011C
	04/16/20		ASSET	N040335	N040335-011E
	04/16/20		PACE	N040335_30360464	30360464004
	04/16/20	FD	ASSET	N040335	N040335-012A
	04/16/20	FD	ASSET	N040335	N040335-012B
	04/16/20	FD	ASSET	N040335	N040335-012C
	04/16/20	FD	ASSET	N040335	N040335-012E
	04/16/20	FD	PACE	N040335_30360464	30360464005
EX-33	04/16/20		ASSET	N040335	N040335-002A
	04/16/20		ASSET	N040335	N040335-002B
	04/16/20		ASSET	N040335	N040335-002C
	04/16/20		ASSET	N040335	N040335-002E
	04/16/20		PACE	N040335_30360464	30360464001
EX-34	04/07/20		ASSET	N040234	N040234-012A
	04/07/20		ASSET	N040234	N040234-012B
EX-35	04/07/20		ASSET	N040234	N040234-013A
	04/07/20		ASSET	N040234	N040234-013B
	04/07/20		ASSET	N040234	N040234-013C
	04/07/20		ASSET	N040234	N040234-013E
	04/07/20		PACE	N040234_30358586	30358586010
	04/07/20	FD	ASSET	N040234	N040234-014A
	04/07/20	FD	ASSET	N040234	N040234-014B
	04/07/20	FD	ASSET	N040234	N040234-014C
	04/07/20	FD	ASSET	N040234	N040234-014E
	04/07/20	FD	PACE	N040234_30358586	30358586011
EX-36	05/08/20		ASSET	N040570	N040570-002A
	05/08/20		ASSET	N040570	N040570-002B
	06/04/20		ASSET	N040874	N040874-012A
	06/04/20		ASSET	N040874	N040874-012B
EX-37	04/16/20		ASSET	N040336	N040336-007A
	04/16/20		ASSET	N040336	N040336-007B
EX-38	04/16/20		ASSET	N040336	N040336-013A
	04/16/20		ASSET	N040336	N040336-013B
EX-39	04/24/20		ASSET	N040430	N040430-001A
	04/24/20		ASSET	N040430	N040430-001B
	04/24/20		ASSET	N040430	N040430-001C

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EX-41	04/09/20		ASSET	N040262	N040262-001A
	04/09/20		ASSET	N040262	N040262-001B
EX-42	04/09/20		ASSET	N040262	N040262-002A
	04/09/20		ASSET	N040262	N040262-002B
	04/09/20		ASSET	N040262	N040262-002C
	04/09/20		ASSET	N040262	N040262-002E
	04/09/20		PACE	N040262_30358885	30358885001
EX-50	05/05/20		ASSET	N040519	N040519-004A
	05/05/20		ASSET	N040519	N040519-004B
	05/05/20		ASSET	N040519	N040519-004C
	05/05/20		ASSET	N040519	N040519-004E
	05/05/20		PACE	N040519_30362822	30362822001
	05/05/20	FD	ASSET	N040519	N040519-005A
	05/05/20	FD	ASSET	N040519	N040519-005B
	05/05/20	FD	ASSET	N040519	N040519-005C
	05/05/20	FD	ASSET	N040519	N040519-005E
	05/05/20	FD	PACE	N040519_30362822	30362822002
EX-51	04/09/20		ASSET	N040262	N040262-003A
	04/09/20		ASSET	N040262	N040262-003B
	04/09/20		ASSET	N040262	N040262-003C
EX-52	04/09/20		ASSET	N040262	N040262-004A
	04/09/20		ASSET	N040262	N040262-004B
EX-53	04/16/20		ASSET	N040336	N040336-014A
	04/16/20		ASSET	N040336	N040336-014B
	04/16/20		ASSET	N040336	N040336-014C
	04/16/20		ASSET	N040336	N040336-014D
EX-55	04/16/20		ASSET	N040338	N040338-012A
	04/16/20		ASSET	N040338	N040338-012B
	04/16/20		ASSET	N040338	N040338-012C
	04/16/20		ASSET	N040338	N040338-012D
	04/16/20	FD	ASSET	N040338	N040338-013A
	04/16/20	FD	ASSET	N040338	N040338-013B
	04/16/20	FD	ASSET	N040338	N040338-013C
	04/16/20	FD	ASSET	N040338	N040338-013D
EX-56	04/09/20		ASSET	N040262	N040262-005A
	04/09/20		ASSET	N040262	N040262-005B
	04/09/20		ASSET	N040262	N040262-005C

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EX-56	04/09/20		ASSET	N040262	N040262-005D
EX-59	04/09/20		ASSET	N040262	N040262-006A
	04/09/20		ASSET	N040262	N040262-006B
	04/09/20		ASSET	N040262	N040262-006C
	04/09/20		ASSET	N040262	N040262-006D
EX-60D	04/09/20		ASSET	N040262	N040262-007A
	04/09/20		ASSET	N040262	N040262-007B
	04/09/20		ASSET	N040262	N040262-007C
	04/09/20		ASSET	N040262	N040262-007D
EX-61D	04/09/20		ASSET	N040262	N040262-008A
	04/09/20		ASSET	N040262	N040262-008B
	04/09/20		ASSET	N040262	N040262-008C
	04/09/20		ASSET	N040262	N040262-008D
EX-62	04/09/20		ASSET	N040262	N040262-009A
	04/09/20		ASSET	N040262	N040262-009B
	04/09/20		ASSET	N040262	N040262-009C
	04/09/20		ASSET	N040262	N040262-009E
	04/09/20		PACE	N040262_30358885	30358885004
EX-63	04/16/20		ASSET	N040336	N040336-009A
	04/16/20		ASSET	N040336	N040336-009B
	04/16/20		ASSET	N040336	N040336-009C
	04/16/20		ASSET	N040336	N040336-009D
EX-64	04/16/20		ASSET	N040336	N040336-010A
	04/16/20		ASSET	N040336	N040336-010B
	04/16/20		ASSET	N040336	N040336-010C
	04/16/20		ASSET	N040336	N040336-010D
EX-65	04/16/20		ASSET	N040336	N040336-011A
	04/16/20		ASSET	N040336	N040336-011B
	04/16/20		ASSET	N040336	N040336-011C
	04/16/20		ASSET	N040336	N040336-011D
EX-66	04/16/20		ASSET	N040338	N040338-019A
	04/16/20		ASSET	N040338	N040338-019B
	04/16/20		ASSET	N040338	N040338-019C
	04/16/20		ASSET	N040338	N040338-019D
EX-67	04/16/20		ASSET	N040338	N040338-014A
	04/16/20		ASSET	N040338	N040338-014B
	04/16/20		ASSET	N040338	N040338-014C

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EX-67	04/16/20		ASSET	N040338	N040338-014D
	04/16/20	FD	ASSET	N040338	N040338-015A
	04/16/20	FD	ASSET	N040338	N040338-015B
	04/16/20	FD	ASSET	N040338	N040338-015C
	04/16/20	FD	ASSET	N040338	N040338-015D
G-1R	04/23/20		ASSET	N040421	N040421-007A
	04/23/20		ASSET	N040421	N040421-007B
G-2R	04/09/20		ASSET	N040262	N040262-011A
	04/09/20		ASSET	N040262	N040262-011B
	04/09/20		ASSET	N040262	N040262-011C
	04/09/20		ASSET	N040262	N040262-011E
	04/09/20		PACE	N040262_30358885	30358885005
	04/09/20	FD	ASSET	N040262	N040262-012A
	04/09/20	FD	ASSET	N040262	N040262-012B
	04/09/20	FD	ASSET	N040262	N040262-012C
	04/09/20	FD	ASSET	N040262	N040262-012E
	04/09/20	FD	PACE	N040262_30358885	30358885006
G-5R	04/09/20		ASSET	N040262	N040262-010A
	04/09/20		ASSET	N040262	N040262-010B
IW-01	04/14/20		ASSET	N040306	N040306-001A
	04/14/20		ASSET	N040306	N040306-001B
	04/14/20		ASSET	N040306	N040306-001C
	04/14/20		ASSET	N040306	N040306-001E
	04/14/20		PACE	N040306_30359716	30359716001
IW-02	04/14/20		ASSET	N040306	N040306-002A
	04/14/20		ASSET	N040306	N040306-002B
	04/14/20		ASSET	N040306	N040306-002C
	04/14/20		ASSET	N040306	N040306-002E
	04/14/20		PACE	N040306_30359716	30359716004
	04/14/20	FD	ASSET	N040306	N040306-003A
	04/14/20	FD	ASSET	N040306	N040306-003B
	04/14/20	FD	ASSET	N040306	N040306-003C
	04/14/20	FD	ASSET	N040306	N040306-003E
	04/14/20	FD	PACE	N040306_30359716	30359716005
IW-03	04/14/20		ASSET	N040306	N040306-004A
	04/14/20		ASSET	N040306	N040306-004B
	04/14/20		ASSET	N040306	N040306-004C

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
IW-03	04/14/20		ASSET	N040306	N040306-004E
	04/14/20		PACE	N040306_30359716	30359716006
MW-01	04/22/20		ASSET	N040394	N040394-007A
	04/22/20		ASSET	N040394	N040394-007B
	04/22/20		ASSET	N040394	N040394-007C
	04/22/20		ASSET	N040394	N040394-007D
MW-03	04/22/20		ASSET	N040393	N040393-001A
	04/22/20		ASSET	N040393	N040393-001B
MW-04	04/13/20		ASSET	N040291	N040291-005A
	04/13/20		ASSET	N040291	N040291-005B
MW-05	04/13/20		ASSET	N040289	N040289-012A
	04/13/20		ASSET	N040289	N040289-012B
	04/13/20		ASSET	N040289	N040289-012C
MW-09	04/13/20		ASSET	N040289	N040289-003A
	04/13/20		ASSET	N040289	N040289-003B
MW-10	04/20/20		ASSET	N040369	N040369-001A
	04/20/20		ASSET	N040369	N040369-001B
MW-100C	04/23/20		ASSET	N040421	N040421-001A
	04/23/20		ASSET	N040421	N040421-001B
MW-101D	04/14/20		ASSET	N040305	N040305-007A
	04/14/20		ASSET	N040305	N040305-007B
MW-102D	04/15/20		ASSET	N040323	N040323-010A
	04/15/20		ASSET	N040323	N040323-010B
MW-103D	05/07/20		ASSET	N040564	N040564-007A
	05/07/20		ASSET	N040564	N040564-007B
	06/04/20		ASSET	N040874	N040874-002A
	06/04/20		ASSET	N040874	N040874-002B
MW-103S	05/07/20		ASSET	N040564	N040564-008A
	05/07/20		ASSET	N040564	N040564-008B
MW-104S1	04/07/20		ASSET	N040233	N040233-020A
	04/07/20		ASSET	N040233	N040233-020B
MW-105D	04/06/20		ASSET	N040213	N040213-001A
	04/06/20		ASSET	N040213	N040213-001B
	04/06/20		ASSET	N040213	N040213-001C
	04/06/20		ASSET	N040213	N040213-001E
	04/06/20		PACE	N040213_30358587	30358587001
MW-105S	04/06/20		ASSET	N040213	N040213-002A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-105S	04/06/20		ASSET	N040213	N040213-002B
	04/06/20		ASSET	N040213	N040213-002C
	04/06/20		ASSET	N040213	N040213-002E
	04/06/20		PACE	N040213_30358587	30358587002
	04/06/20	FD	ASSET	N040213	N040213-003A
	04/06/20	FD	ASSET	N040213	N040213-003B
	04/06/20	FD	ASSET	N040213	N040213-003C
	04/06/20	FD	ASSET	N040213	N040213-003E
	04/06/20	FD	PACE	N040213_30358587	30358587003
MW-106D	04/06/20		ASSET	N040215	N040215-021A
	04/06/20		ASSET	N040215	N040215-021B
	04/06/20		ASSET	N040215	N040215-021C
MW-106S	04/06/20		ASSET	N040215	N040215-022A
	04/06/20		ASSET	N040215	N040215-022B
	04/06/20		ASSET	N040215	N040215-022C
	04/06/20		ASSET	N040215	N040215-022D
	04/06/20	FD	ASSET	N040215	N040215-023A
	04/06/20	FD	ASSET	N040215	N040215-023B
	04/06/20	FD	ASSET	N040215	N040215-023C
	04/06/20	FD	ASSET	N040215	N040215-023D
MW-107S	04/07/20		ASSET	N040233	N040233-010A
	04/07/20		ASSET	N040233	N040233-010B
MW-108D	04/13/20		ASSET	N040289	N040289-004A
	04/13/20		ASSET	N040289	N040289-004B
MW-109	04/13/20		ASSET	N040289	N040289-007A
	04/13/20		ASSET	N040289	N040289-007B
MW-110S	05/06/20		ASSET	N040545	N040545-004A
	05/06/20		ASSET	N040545	N040545-004B
MW-111D	04/15/20		ASSET	N040323	N040323-011A
	04/15/20		ASSET	N040323	N040323-011B
	04/15/20		ASSET	N040323	N040323-011C
MW-111S1	04/15/20		ASSET	N040323	N040323-006A
	04/15/20		ASSET	N040323	N040323-006B
	04/15/20		ASSET	N040323	N040323-006C
	04/15/20	FD	ASSET	N040323	N040323-007A
	04/15/20	FD	ASSET	N040323	N040323-007B
	04/15/20	FD	ASSET	N040323	N040323-007C

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-111S2	04/15/20		ASSET	N040323	N040323-008A
	04/15/20		ASSET	N040323	N040323-008B
	04/15/20		ASSET	N040323	N040323-008C
	04/15/20		ASSET	N040323	N040323-008D
	04/15/20	FD	ASSET	N040323	N040323-009A
	04/15/20	FD	ASSET	N040323	N040323-009B
	04/15/20	FD	ASSET	N040323	N040323-009C
	04/15/20	FD	ASSET	N040323	N040323-009D
MW-112S	04/07/20		ASSET	N040233	N040233-014A
	04/07/20		ASSET	N040233	N040233-014B
MW-113S1	04/07/20		ASSET	N040233	N040233-019A
	04/07/20		ASSET	N040233	N040233-019B
MW-116D1	04/13/20		ASSET	N040289	N040289-006A
	04/13/20		ASSET	N040289	N040289-006B
MW-117S1	04/07/20		ASSET	N040233	N040233-004A
	04/07/20		ASSET	N040233	N040233-004B
MW-117S2	04/07/20		ASSET	N040233	N040233-005A
	04/07/20		ASSET	N040233	N040233-005B
MW-118S	04/10/20		ASSET	N040268	N040268-010A
	04/10/20		ASSET	N040268	N040268-010B
MW-11B	04/13/20		ASSET	N040291	N040291-006A
	04/13/20		ASSET	N040291	N040291-006B
	04/13/20		ASSET	N040291	N040291-006C
	04/13/20		ASSET	N040291	N040291-006D
	04/13/20	FD	ASSET	N040291	N040291-007A
	04/13/20	FD	ASSET	N040291	N040291-007B
	04/13/20	FD	ASSET	N040291	N040291-007C
	04/13/20	FD	ASSET	N040291	N040291-007D
MW-121D	04/10/20		ASSET	N040268	N040268-001A
	04/10/20		ASSET	N040268	N040268-001B
MW-121S	04/10/20		ASSET	N040268	N040268-002A
	04/10/20		ASSET	N040268	N040268-002B
MW-122D	04/14/20		ASSET	N040305	N040305-016A
	04/14/20		ASSET	N040305	N040305-016B
MW-123S1	04/06/20		ASSET	N040215	N040215-008A
	04/06/20		ASSET	N040215	N040215-008B
	04/06/20		ASSET	N040215	N040215-008C

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MW-123S2	04/06/20		ASSET	N040215	N040215-009A
	04/06/20		ASSET	N040215	N040215-009B
	04/06/20		ASSET	N040215	N040215-009C
	04/06/20		ASSET	N040215	N040215-009D
	04/06/20	FD	ASSET	N040215	N040215-010A
	04/06/20	FD	ASSET	N040215	N040215-010B
	04/06/20	FD	ASSET	N040215	N040215-010C
	04/06/20	FD	ASSET	N040215	N040215-010D
	06/05/20		ASSET	N040886	N040886-006A
	06/05/20		ASSET	N040886	N040886-006B
MW-124D	04/06/20		ASSET	N040215	N040215-011A
	04/06/20		ASSET	N040215	N040215-011B
	04/06/20		ASSET	N040215	N040215-011C
MW-124S1	04/06/20		ASSET	N040215	N040215-012A
	04/06/20		ASSET	N040215	N040215-012B
	04/06/20		ASSET	N040215	N040215-012C
	04/06/20		ASSET	N040215	N040215-012D
MW-124S2	04/06/20		ASSET	N040215	N040215-013A
	04/06/20		ASSET	N040215	N040215-013B
	04/06/20		ASSET	N040215	N040215-013C
	04/06/20		ASSET	N040215	N040215-013D
	04/06/20	FD	ASSET	N040215	N040215-014A
	04/06/20	FD	ASSET	N040215	N040215-014B
	04/06/20	FD	ASSET	N040215	N040215-014C
	04/06/20	FD	ASSET	N040215	N040215-014D
MW-125S1	04/06/20		ASSET	N040215	N040215-015A
	04/06/20		ASSET	N040215	N040215-015B
	04/06/20		ASSET	N040215	N040215-015C
	04/06/20		ASSET	N040215	N040215-015D
	04/06/20		PACE	N040215_30358588	30358588001
	04/06/20	FD	ASSET	N040215	N040215-016A
	04/06/20	FD	ASSET	N040215	N040215-016B
	04/06/20	FD	ASSET	N040215	N040215-016C
	04/06/20	FD	ASSET	N040215	N040215-016D
	04/06/20	FD	PACE	N040215_30358588	30358588002
MW-125S2	04/06/20		ASSET	N040215	N040215-017A
	04/06/20		ASSET	N040215	N040215-017B
	04/06/20		ASSET	N040215	N040215-017C

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-125S2	04/06/20	FD	ASSET	N040215	N040215-018A
	04/06/20	FD	ASSET	N040215	N040215-018B
	04/06/20	FD	ASSET	N040215	N040215-018C
MW-126S1	04/07/20		ASSET	N040233	N040233-015A
	04/07/20		ASSET	N040233	N040233-015B
	04/07/20		ASSET	N040233	N040233-015C
	04/07/20		ASSET	N040233	N040233-015E
	04/07/20		PACE	N040233_30358883	30358883001
MW-126S2	04/07/20		ASSET	N040233	N040233-016A
	04/07/20		ASSET	N040233	N040233-016B
	04/07/20		ASSET	N040233	N040233-016C
	04/07/20		ASSET	N040233	N040233-016E
	04/07/20		PACE	N040233_30358883	30358883004
	04/07/20	FD	ASSET	N040233	N040233-017A
	04/07/20	FD	ASSET	N040233	N040233-017B
	04/07/20	FD	ASSET	N040233	N040233-017C
	04/07/20	FD	ASSET	N040233	N040233-017E
	04/07/20	FD	PACE	N040233_30358883	30358883005
MW-127S1	04/07/20		ASSET	N040234	N040234-015A
	04/07/20		ASSET	N040234	N040234-015B
	04/07/20		ASSET	N040234	N040234-015C
	04/07/20		ASSET	N040234	N040234-015E
	04/07/20		PACE	N040234_30358586	30358586012
	06/05/20		ASSET	N040886	N040886-008A
	06/05/20		ASSET	N040886	N040886-008B
MW-127S2	04/06/20		ASSET	N040213	N040213-004A
	04/06/20		ASSET	N040213	N040213-004B
	04/06/20		ASSET	N040213	N040213-004C
	04/06/20		ASSET	N040213	N040213-004E
	04/06/20		PACE	N040213_30358587	30358587004
MW-128S1	04/06/20		ASSET	N040215	N040215-005A
	04/06/20		ASSET	N040215	N040215-005B
MW-128S2	04/06/20		ASSET	N040215	N040215-006A
	04/06/20		ASSET	N040215	N040215-006B
MW-128S3	04/06/20		ASSET	N040215	N040215-007A
	04/06/20		ASSET	N040215	N040215-007B
MW-130S1	04/08/20		ASSET	N040245	N040245-003A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-130S1	04/08/20		ASSET	N040245	N040245-003B
	06/03/20		ASSET	N040858	N040858-001A
	06/03/20		ASSET	N040858	N040858-001B
MW-131S1	04/08/20		ASSET	N040245	N040245-004A
	04/08/20		ASSET	N040245	N040245-004B
	06/04/20		ASSET	N040874	N040874-010A
	06/04/20		ASSET	N040874	N040874-010B
MW-133S1	04/20/20		ASSET	N040369	N040369-003A
	04/20/20		ASSET	N040369	N040369-003B
MW-135S1	06/04/20		ASSET	N040874	N040874-005A
	06/04/20		ASSET	N040874	N040874-005B
MW-136S1	04/08/20		ASSET	N040245	N040245-005A
	04/08/20		ASSET	N040245	N040245-005B
	06/04/20		ASSET	N040874	N040874-009A
	06/04/20		ASSET	N040874	N040874-009B
MW-137S3	04/09/20		ASSET	N040261	N040261-008A
	04/09/20		ASSET	N040261	N040261-008B
MW-138S1	04/09/20		ASSET	N040261	N040261-009A
	04/09/20		ASSET	N040261	N040261-009B
MW-139S1	04/09/20		ASSET	N040261	N040261-010A
	04/09/20		ASSET	N040261	N040261-010B
MW-140S1	04/09/20		ASSET	N040261	N040261-011A
	04/09/20		ASSET	N040261	N040261-011B
MW-141S2	04/24/20		ASSET	N040431	N040431-004A
	04/24/20		ASSET	N040431	N040431-004B
	04/24/20		Field	Manual	NA
MW-142S3	04/07/20		ASSET	N040233	N040233-018A
	04/07/20		ASSET	N040233	N040233-018B
MW-147D	04/14/20		ASSET	N040304	N040304-004A
	04/14/20		ASSET	N040304	N040304-004B
	06/04/20		ASSET	N040874	N040874-013A
	06/04/20		ASSET	N040874	N040874-013B
MW-147S	04/14/20		ASSET	N040304	N040304-005A
	04/14/20		ASSET	N040304	N040304-005B
	06/05/20		ASSET	N040886	N040886-001A
	06/05/20		ASSET	N040886	N040886-001B
MW-148S	05/08/20		ASSET	N040570	N040570-001A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-148S	05/08/20		ASSET	N040570	N040570-001B
MW-14B	04/17/20		ASSET	N040347	N040347-003A
	04/17/20		ASSET	N040347	N040347-003B
	04/17/20		ASSET	N040347	N040347-003C
	04/17/20		ASSET	N040347	N040347-003E
	04/17/20		PACE	N040347_30360463	30360463003
MW-15	04/22/20		ASSET	N040394	N040394-008A
	04/22/20		ASSET	N040394	N040394-008B
	04/22/20		ASSET	N040394	N040394-008C
	04/22/20		ASSET	N040394	N040394-008D
MW-153S	04/09/20		ASSET	N040261	N040261-006A
	04/09/20		ASSET	N040261	N040261-006B
	06/05/20		ASSET	N040886	N040886-003A
	06/05/20		ASSET	N040886	N040886-003B
MW-154S1	04/20/20		ASSET	N040369	N040369-002A
	04/20/20		ASSET	N040369	N040369-002B
MW-155D	04/15/20		ASSET	N040324	N040324-004A
	04/15/20		ASSET	N040324	N040324-004B
	04/15/20		ASSET	N040324	N040324-004C
	04/15/20		ASSET	N040324	N040324-004D
MW-155S	04/15/20		ASSET	N040324	N040324-005A
	04/15/20		ASSET	N040324	N040324-005B
	04/15/20		ASSET	N040324	N040324-005C
	04/15/20		ASSET	N040324	N040324-005D
MW-156S	04/06/20		ASSET	N040215	N040215-001A
	04/06/20		ASSET	N040215	N040215-001B
MW-157S	04/06/20		ASSET	N040215	N040215-002A
	04/06/20		ASSET	N040215	N040215-002B
MW-16	04/17/20		ASSET	N040348	N040348-010A
	04/17/20		ASSET	N040348	N040348-010B
	04/17/20		ASSET	N040348	N040348-010C
	04/17/20		ASSET	N040348	N040348-010E
	04/17/20		PACE	N040348_30360476	30360476001
MW-161S1	04/14/20		ASSET	N040305	N040305-001A
	04/14/20		ASSET	N040305	N040305-001B
MW-162S1	04/14/20		ASSET	N040304	N040304-013A
	04/14/20		ASSET	N040304	N040304-013B

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-162S1	06/03/20		ASSET	N040858	N040858-002A
	06/03/20		ASSET	N040858	N040858-002B
MW-164D	04/09/20		ASSET	N040261	N040261-003A
	04/09/20		ASSET	N040261	N040261-003B
MW-164S	04/09/20		ASSET	N040261	N040261-004A
	04/09/20		ASSET	N040261	N040261-004B
MW-166S1	04/24/20		ASSET	N040431	N040431-003A
	04/24/20		ASSET	N040431	N040431-003B
	04/24/20		Field	Manual	NA
MW-168S	04/14/20		ASSET	N040304	N040304-006A
	04/14/20		ASSET	N040304	N040304-006B
MW-169S2	04/14/20		ASSET	N040305	N040305-015A
	04/14/20		ASSET	N040305	N040305-015B
MW-17	04/17/20		ASSET	N040348	N040348-007A
	04/17/20		ASSET	N040348	N040348-007B
	04/17/20		ASSET	N040348	N040348-007C
	04/17/20		ASSET	N040348	N040348-007D
MW-170S	04/16/20		ASSET	N040336	N040336-015A
	04/16/20		ASSET	N040336	N040336-015B
	04/16/20		ASSET	N040336	N040336-015D
	04/16/20		ASSET	N040336	N040336-015E
	04/16/20		PACE	N040336_30359723	30359723002
	04/16/20	FD	ASSET	N040336	N040336-016A
	04/16/20	FD	ASSET	N040336	N040336-016B
	04/16/20	FD	ASSET	N040336	N040336-016D
	04/16/20	FD	ASSET	N040336	N040336-016E
	04/16/20	FD	PACE	N040336_30359723	30359723003
MW-171S	04/07/20		ASSET	N040233	N040233-006A
	04/07/20		ASSET	N040233	N040233-006B
MW-172S1	04/07/20		ASSET	N040233	N040233-007A
	04/07/20		ASSET	N040233	N040233-007B
MW-172S2	04/07/20		ASSET	N040233	N040233-008A
	04/07/20		ASSET	N040233	N040233-008B
MW-173S1	04/07/20		ASSET	N040233	N040233-009A
	04/07/20		ASSET	N040233	N040233-009B
MW-174S1	04/08/20		ASSET	N040245	N040245-002A
	04/08/20		ASSET	N040245	N040245-002B

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-175S1	04/15/20		ASSET	N040323	N040323-003A
	04/15/20		ASSET	N040323	N040323-003B
MW-177D	04/15/20		ASSET	N040325	N040325-003A
	04/15/20		ASSET	N040325	N040325-003B
	04/15/20		ASSET	N040325	N040325-003C
	04/15/20		ASSET	N040325	N040325-003D
MW-177S	04/15/20		ASSET	N040325	N040325-004A
	04/15/20		ASSET	N040325	N040325-004B
	04/15/20		ASSET	N040325	N040325-004C
	04/15/20		ASSET	N040325	N040325-004D
	06/04/20		ASSET	N040874	N040874-003A
	06/04/20		ASSET	N040874	N040874-003B
MW-178D	05/06/20		ASSET	N040547	N040547-001A
	05/06/20		ASSET	N040547	N040547-001B
	05/06/20		ASSET	N040547	N040547-001C
	05/06/20		ASSET	N040547	N040547-001D
	05/06/20	FD	ASSET	N040547	N040547-002A
	05/06/20	FD	ASSET	N040547	N040547-002B
	05/06/20	FD	ASSET	N040547	N040547-002C
	05/06/20	FD	ASSET	N040547	N040547-002D
MW-178S	05/06/20		ASSET	N040547	N040547-003A
	05/06/20		ASSET	N040547	N040547-003B
	05/06/20		ASSET	N040547	N040547-003C
	05/06/20		ASSET	N040547	N040547-003E
	05/06/20		ASSET	N040547	N040547-003F
	05/06/20		PACE	N040547_30362820	30362820001
	05/06/20	FD	ASSET	N040547	N040547-004A
	05/06/20	FD	ASSET	N040547	N040547-004B
	05/06/20	FD	ASSET	N040547	N040547-004C
	05/06/20	FD	ASSET	N040547	N040547-004E
	05/06/20	FD	ASSET	N040547	N040547-004F
	05/06/20	FD	PACE	N040547_30362820	30362820002
MW-179D	04/21/20		ASSET	N040384	N040384-002A
	04/21/20		ASSET	N040384	N040384-002B
	04/21/20		ASSET	N040384	N040384-002C
	04/21/20		ASSET	N040384	N040384-002D
MW-179M	04/21/20		ASSET	N040384	N040384-003A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-179M	04/21/20		ASSET	N040384	N040384-003B
MW-180RD	04/17/20		ASSET	N040348	N040348-004A
	04/17/20		ASSET	N040348	N040348-004B
	04/17/20		ASSET	N040348	N040348-004C
	04/17/20		ASSET	N040348	N040348-004D
MW-180RS	04/17/20		ASSET	N040348	N040348-008A
	04/17/20		ASSET	N040348	N040348-008B
	04/17/20		ASSET	N040348	N040348-008C
	04/17/20		ASSET	N040348	N040348-008D
MW-182D	05/05/20		ASSET	N040520	N040520-001A
	05/05/20		ASSET	N040520	N040520-001B
	05/05/20		ASSET	N040520	N040520-001C
	05/05/20		ASSET	N040520	N040520-001D
MW-182S	05/05/20		ASSET	N040520	N040520-002A
	05/05/20		ASSET	N040520	N040520-002B
	05/05/20		ASSET	N040520	N040520-002C
	05/05/20		ASSET	N040520	N040520-002D
MW-183D	05/05/20		ASSET	N040520	N040520-003A
	05/05/20		ASSET	N040520	N040520-003B
	05/05/20		ASSET	N040520	N040520-003C
	05/05/20		ASSET	N040520	N040520-003D
MW-183S	05/05/20		ASSET	N040520	N040520-004A
	05/05/20		ASSET	N040520	N040520-004B
	05/05/20		ASSET	N040520	N040520-004C
	05/05/20		ASSET	N040520	N040520-004D
MW-184S1	05/07/20		ASSET	N040564	N040564-003A
	05/07/20		ASSET	N040564	N040564-003B
MW-184S2	05/07/20		ASSET	N040564	N040564-004A
	05/07/20		ASSET	N040564	N040564-004B
MW-185S1	04/14/20		ASSET	N040304	N040304-007A
	04/14/20		ASSET	N040304	N040304-007B
MW-186S1	06/03/20		ASSET	N040858	N040858-003A
	06/03/20		ASSET	N040858	N040858-003B
MW-186S2	04/14/20		ASSET	N040304	N040304-008A
	04/14/20		ASSET	N040304	N040304-008B
MW-188S1	04/14/20		ASSET	N040304	N040304-009A
	04/14/20		ASSET	N040304	N040304-009B

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MW-193S3	04/14/20		ASSET	N040304	N040304-010A
	04/14/20		ASSET	N040304	N040304-010B
MW-194S1	04/24/20		ASSET	N040431	N040431-002A
	04/24/20		ASSET	N040431	N040431-002B
	06/03/20		ASSET	N040858	N040858-004A
	06/03/20		ASSET	N040858	N040858-004B
MW-195S1	04/14/20		ASSET	N040304	N040304-011A
	04/14/20		ASSET	N040304	N040304-011B
	06/03/20		ASSET	N040858	N040858-005A
	06/03/20		ASSET	N040858	N040858-005B
MW-196S1	04/14/20		ASSET	N040304	N040304-012A
	04/14/20		ASSET	N040304	N040304-012B
MW-197S1	04/14/20		ASSET	N040305	N040305-006A
	04/14/20		ASSET	N040305	N040305-006B
MW-20	04/22/20		ASSET	N040394	N040394-009A
	04/22/20		ASSET	N040394	N040394-009B
	04/22/20		ASSET	N040394	N040394-009C
	04/22/20		ASSET	N040394	N040394-009D
	04/22/20	FD	ASSET	N040394	N040394-010A
	04/22/20	FD	ASSET	N040394	N040394-010B
	04/22/20	FD	ASSET	N040394	N040394-010C
	04/22/20	FD	ASSET	N040394	N040394-010D
MW-200S3	04/15/20		ASSET	N040323	N040323-004A
	04/15/20		ASSET	N040323	N040323-004B
MW-201S	04/09/20		ASSET	N040261	N040261-005A
	04/09/20		ASSET	N040261	N040261-005B
	06/04/20		ASSET	N040874	N040874-007A
	06/04/20		ASSET	N040874	N040874-007B
MW-202S	04/14/20		ASSET	N040305	N040305-010A
	04/14/20		ASSET	N040305	N040305-010B
	06/04/20		ASSET	N040874	N040874-008A
	06/04/20		ASSET	N040874	N040874-008B
MW-203D	04/15/20		ASSET	N040323	N040323-005A
	04/15/20		ASSET	N040323	N040323-005B
	06/03/20		ASSET	N040858	N040858-006A
	06/03/20		ASSET	N040858	N040858-006B
MW-204S2	06/04/20		ASSET	N040874	N040874-006A

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MW-204S2	06/04/20		ASSET	N040874	N040874-006B
MW-205S2	05/07/20		ASSET	N040564	N040564-005A
	05/07/20		ASSET	N040564	N040564-005B
MW-206S	04/16/20		ASSET	N040336	N040336-008A
	04/16/20		ASSET	N040336	N040336-008B
	04/16/20		ASSET	N040336	N040336-008C
	04/16/20		ASSET	N040336	N040336-008D
	04/16/20		PACE	N040336_30359723	30359723001
	06/05/20		ASSET	N040885	N040885-001A
	06/05/20		ASSET	N040885	N040885-001B
MW-207S1	04/14/20		ASSET	N040305	N040305-004A
MW-207S2	04/14/20		ASSET	N040305	N040305-005A
	04/14/20		ASSET	N040305	N040305-005B
MW-208S	04/20/20		ASSET	N040368	N040368-001A
	04/20/20		ASSET	N040368	N040368-001B
	04/20/20		ASSET	N040368	N040368-001C
	04/20/20		ASSET	N040368	N040368-001E
	04/20/20		PACE	N040368_30360477	30360477001
MW-209S	04/17/20		ASSET	N040347	N040347-006A
	04/17/20		ASSET	N040347	N040347-006B
	04/17/20		ASSET	N040347	N040347-006C
	04/17/20		ASSET	N040347	N040347-006E
	04/17/20		PACE	N040347_30360463	30360463004
	04/17/20	FD	ASSET	N040347	N040347-007A
	04/17/20	FD	ASSET	N040347	N040347-007B
	04/17/20	FD	ASSET	N040347	N040347-007C
	04/17/20	FD	ASSET	N040347	N040347-007E
	04/17/20	FD	PACE	N040347_30360463	30360463005
MW-210S	04/17/20		ASSET	N040347	N040347-002A
	04/17/20		ASSET	N040347	N040347-002B
	04/17/20		ASSET	N040347	N040347-002C
	04/17/20		ASSET	N040347	N040347-002E
	04/17/20		PACE	N040347_30360463	30360463002
MW-211S	04/17/20		ASSET	N040347	N040347-001A
	04/17/20		ASSET	N040347	N040347-001B
	04/17/20		ASSET	N040347	N040347-001C
	04/17/20		ASSET	N040347	N040347-001E

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-211S	04/17/20		PACE	N040347_30360463	30360463001
MW-212S1	04/14/20		ASSET	N040305	N040305-002A
	04/14/20		ASSET	N040305	N040305-002B
MW-213D	04/16/20		ASSET	N040335	N040335-004A
	04/16/20		ASSET	N040335	N040335-004B
MW-213S	04/16/20		ASSET	N040335	N040335-009A
	04/16/20		ASSET	N040335	N040335-009B
MW-214D	04/10/20		ASSET	N040268	N040268-013A
	04/10/20		ASSET	N040268	N040268-013B
MW-214S	04/10/20		ASSET	N040268	N040268-014A
	04/10/20		ASSET	N040268	N040268-014B
	06/05/20		ASSET	N040886	N040886-002A
	06/05/20		ASSET	N040886	N040886-002B
MW-215D	04/10/20		ASSET	N040268	N040268-015A
	04/10/20		ASSET	N040268	N040268-015B
MW-215S	04/10/20		ASSET	N040268	N040268-016A
	04/10/20		ASSET	N040268	N040268-016B
MW-216D	04/10/20		ASSET	N040268	N040268-008A
	04/10/20		ASSET	N040268	N040268-008B
MW-216S	04/10/20		ASSET	N040268	N040268-009A
	04/10/20		ASSET	N040268	N040268-009B
MW-217D	04/16/20		ASSET	N040335	N040335-005A
	04/16/20		ASSET	N040335	N040335-005B
MW-217S	04/16/20		ASSET	N040335	N040335-006A
	04/16/20		ASSET	N040335	N040335-006B
MW-218D	04/16/20		ASSET	N040335	N040335-007A
	04/16/20		ASSET	N040335	N040335-007B
MW-218S	04/16/20		ASSET	N040335	N040335-008A
	04/16/20		ASSET	N040335	N040335-008B
MW-219S1	04/24/20		ASSET	N040431	N040431-005A
	04/24/20		ASSET	N040431	N040431-005B
	04/24/20		Field	Manual	NA
	05/07/20		ASSET	N040564	N040564-006A
	05/07/20		ASSET	N040564	N040564-006B
MW-21A	04/08/20		ASSET	N040246	N040246-006A
	04/08/20		ASSET	N040246	N040246-006B
	04/08/20		ASSET	N040246	N040246-006C

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-21A	04/08/20		ASSET	N040246	N040246-006E
	04/08/20		PACE	N040246_30358888	30358888006
MW-21B1	04/08/20		ASSET	N040246	N040246-007A
	04/08/20		ASSET	N040246	N040246-007B
	04/08/20		ASSET	N040246	N040246-007C
	04/08/20		ASSET	N040246	N040246-007E
	04/08/20		PACE	N040246_30358888	30358888007
MW-21C	04/08/20		ASSET	N040245	N040245-006A
	04/08/20		ASSET	N040245	N040245-006B
MW-220D	04/06/20		ASSET	N040215	N040215-003A
	04/06/20		ASSET	N040215	N040215-003B
	04/06/20		ASSET	N040215	N040215-003C
	04/06/20		ASSET	N040215	N040215-003D
	04/06/20	FD	ASSET	N040215	N040215-004A
	04/06/20	FD	ASSET	N040215	N040215-004B
	04/06/20	FD	ASSET	N040215	N040215-004C
	04/06/20	FD	ASSET	N040215	N040215-004D
MW-220S	06/02/20		ASSET	N040840	N040840-001A
	06/02/20		ASSET	N040840	N040840-001B
	06/02/20		ASSET	N040840	N040840-001C
	06/02/20		ASSET	N040840	N040840-001D
MW-221S	04/24/20		ASSET	N040431	N040431-007A
	04/24/20		ASSET	N040431	N040431-007B
MW-226D	04/06/20		ASSET	N040215	N040215-019A
	04/06/20		ASSET	N040215	N040215-019B
MW-226S	04/06/20		ASSET	N040215	N040215-020A
	04/06/20		ASSET	N040215	N040215-020B
MW-22B	04/13/20		ASSET	N040290	N040290-002A
	04/13/20		ASSET	N040290	N040290-002B
	04/13/20		ASSET	N040290	N040290-002C
	04/13/20		ASSET	N040290	N040290-002E
	04/13/20		PACE	N040290_30359528	30359528001
MW-23B	04/13/20		ASSET	N040289	N040289-001A
	04/13/20		ASSET	N040289	N040289-001B
MW-23C	04/13/20		ASSET	N040289	N040289-002A
	04/13/20		ASSET	N040289	N040289-002B
MW-27A	04/15/20		ASSET	N040322	N040322-005A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-27A	04/15/20		ASSET	N040322	N040322-005B
	04/15/20		ASSET	N040322	N040322-005C
	04/15/20		ASSET	N040322	N040322-005E
	04/15/20		PACE	N040322_30359720	30359720004
MW-27B	04/15/20		ASSET	N040322	N040322-001A
	04/15/20		ASSET	N040322	N040322-001B
	04/15/20		ASSET	N040322	N040322-001C
	04/15/20		ASSET	N040322	N040322-001E
	04/15/20		PACE	N040322_30359720	30359720001
MW-28B	04/13/20		ASSET	N040290	N040290-007A
	04/13/20		ASSET	N040290	N040290-007B
	04/13/20		ASSET	N040290	N040290-007C
	04/13/20		ASSET	N040290	N040290-007E
	04/13/20		PACE	N040290_30359528	30359528006
MW-28C	04/13/20		ASSET	N040289	N040289-008A
	04/13/20		ASSET	N040289	N040289-008B
MW-29	04/14/20		ASSET	N040306	N040306-010A
	04/14/20		ASSET	N040306	N040306-010B
	04/14/20		ASSET	N040306	N040306-010C
	04/14/20		ASSET	N040306	N040306-010E
	04/14/20		PACE	N040306_30359716	30359716008
MW-30B2	04/10/20		ASSET	N040268	N040268-003A
	04/10/20		ASSET	N040268	N040268-003B
MW-31	04/23/20		ASSET	N040419	N040419-001A
	04/23/20		ASSET	N040419	N040419-001B
	04/23/20		ASSET	N040419	N040419-001C
	04/23/20		ASSET	N040419	N040419-001D
	04/23/20		PACE	N040419_30361390	30361390001
MW-31C	04/10/20		ASSET	N040268	N040268-004A
	04/10/20		ASSET	N040268	N040268-004B
MW-32B1	04/08/20		ASSET	N040246	N040246-008A
	04/08/20		ASSET	N040246	N040246-008B
	04/08/20		ASSET	N040246	N040246-008C
	04/08/20		ASSET	N040246	N040246-008E
	04/08/20		PACE	N040246_30358888	30358888008
MW-32S	04/08/20		ASSET	N040246	N040246-009A
	04/08/20		ASSET	N040246	N040246-009B

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-32S	04/08/20		ASSET	N040246	N040246-009C
	04/08/20		ASSET	N040246	N040246-009E
	04/08/20		PACE	N040246_30358888	30358888009
MW-34	04/08/20		ASSET	N040245	N040245-007A
	04/08/20		ASSET	N040245	N040245-007B
MW-35	04/08/20		ASSET	N040252	N040252-005A
	04/08/20		ASSET	N040252	N040252-005B
	04/08/20		ASSET	N040252	N040252-005C
	04/08/20		ASSET	N040252	N040252-005D
	06/01/20		ASSET	N040829	N040829-005A
	06/01/20		ASSET	N040829	N040829-005B
MW-36	04/16/20		ASSET	N040338	N040338-006A
	04/16/20		ASSET	N040338	N040338-006B
	04/16/20		ASSET	N040338	N040338-006C
	04/16/20		ASSET	N040338	N040338-006D
MW-37	04/15/20		ASSET	N040324	N040324-006A
	04/15/20		ASSET	N040324	N040324-006B
	04/15/20		ASSET	N040324	N040324-006C
	04/15/20		ASSET	N040324	N040324-006D
	04/15/20	FD	ASSET	N040324	N040324-007A
	04/15/20	FD	ASSET	N040324	N040324-007B
	04/15/20	FD	ASSET	N040324	N040324-007C
	04/15/20	FD	ASSET	N040324	N040324-007D
MW-38B	04/15/20		ASSET	N040324	N040324-001A
	04/15/20		ASSET	N040324	N040324-001B
	04/15/20		ASSET	N040324	N040324-001C
	04/15/20		ASSET	N040324	N040324-001D
MW-39	04/22/20		ASSET	N040394	N040394-012A
	04/22/20		ASSET	N040394	N040394-012B
	04/22/20		ASSET	N040394	N040394-012C
	04/22/20		ASSET	N040394	N040394-012D
MW-39D	04/23/20		ASSET	N040420	N040420-005A
	04/23/20		ASSET	N040420	N040420-005B
	04/23/20		ASSET	N040420	N040420-005C
	04/23/20		ASSET	N040420	N040420-005D
MW-41S	04/10/20		ASSET	N040268	N040268-007A
	04/10/20		ASSET	N040268	N040268-007B

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-42B1	04/10/20		ASSET	N040267	N040267-001A
	04/10/20		ASSET	N040267	N040267-001B
	04/10/20		ASSET	N040267	N040267-001C
	04/10/20		ASSET	N040267	N040267-001E
	04/10/20		PACE	N040267_30359531	30359531001
MW-42B2	04/10/20		ASSET	N040267	N040267-002A
	04/10/20		ASSET	N040267	N040267-002B
	04/10/20		ASSET	N040267	N040267-002C
	04/10/20		ASSET	N040267	N040267-002E
	04/10/20		PACE	N040267_30359531	30359531002
MW-42C	04/10/20		ASSET	N040268	N040268-005A
	04/10/20		ASSET	N040268	N040268-005B
MW-43	04/23/20		ASSET	N040421	N040421-006A
	04/23/20		ASSET	N040421	N040421-006B
MW-44B	04/15/20		ASSET	N040323	N040323-002A
	04/15/20		ASSET	N040323	N040323-002B
MW-45A	04/14/20		ASSET	N040305	N040305-013A
	04/14/20		ASSET	N040305	N040305-013B
MW-45B	04/14/20		ASSET	N040305	N040305-014A
	04/14/20		ASSET	N040305	N040305-014B
MW-46M	04/15/20		ASSET	N040325	N040325-017A
	04/15/20		ASSET	N040325	N040325-017B
MW-47	05/07/20		ASSET	N040564	N040564-009A
	05/07/20		ASSET	N040564	N040564-009B
MW-49A	04/15/20		ASSET	N040322	N040322-002A
	04/15/20		ASSET	N040322	N040322-002B
	04/15/20		ASSET	N040322	N040322-002C
	04/15/20		ASSET	N040322	N040322-002E
	04/15/20		PACE	N040322_30359720	30359720002
MW-49B	04/15/20		ASSET	N040322	N040322-003A
	04/15/20		ASSET	N040322	N040322-003B
	04/15/20		ASSET	N040322	N040322-003C
	04/15/20		ASSET	N040322	N040322-003E
	04/15/20		PACE	N040322_30359720	30359720003
MW-49S	04/15/20		ASSET	N040323	N040323-001A
	04/15/20		ASSET	N040323	N040323-001B
MW-50B	04/07/20		ASSET	N040233	N040233-002A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-50B	04/07/20		ASSET	N040233	N040233-002B
MW-50S	04/07/20		ASSET	N040233	N040233-003A
	04/07/20		ASSET	N040233	N040233-003B
MW-52	04/16/20		ASSET	N040335	N040335-014A
	04/16/20		ASSET	N040335	N040335-014B
MW-55A	04/07/20		ASSET	N040234	N040234-001A
	04/07/20		ASSET	N040234	N040234-001B
	04/07/20		ASSET	N040234	N040234-001C
	04/07/20		ASSET	N040234	N040234-001E
	04/07/20		PACE	N040234_30358586	30358586001
MW-55C	04/07/20		ASSET	N040233	N040233-001A
	04/07/20		ASSET	N040233	N040233-001B
MW-55S	04/07/20		ASSET	N040234	N040234-002A
	04/07/20		ASSET	N040234	N040234-002B
	04/07/20		ASSET	N040234	N040234-002C
	04/07/20		ASSET	N040234	N040234-002E
	04/07/20		PACE	N040234_30358586	30358586002
MW-56	04/07/20		ASSET	N040234	N040234-003A
	04/07/20		ASSET	N040234	N040234-003B
	04/07/20		ASSET	N040234	N040234-003C
	04/07/20		ASSET	N040234	N040234-003E
	04/07/20		PACE	N040234_30358586	30358586003
MW-57	04/10/20		ASSET	N040268	N040268-011A
	04/10/20		ASSET	N040268	N040268-011B
	04/10/20		ASSET	N040268	N040268-011C
MW-57D	04/10/20		ASSET	N040268	N040268-012A
	04/10/20		ASSET	N040268	N040268-012B
	04/10/20		ASSET	N040268	N040268-012C
MW-58	05/07/20		ASSET	N040564	N040564-001A
	05/07/20		ASSET	N040564	N040564-001B
	05/07/20	FD	ASSET	N040564	N040564-002A
	05/07/20	FD	ASSET	N040564	N040564-002B
	06/05/20		ASSET	N040886	N040886-007A
	06/05/20		ASSET	N040886	N040886-007B
MW-62A	04/09/20		ASSET	N040261	N040261-015A
	04/09/20		ASSET	N040261	N040261-015B
	04/09/20		ASSET	N040261	N040261-015C

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-62A	04/09/20		ASSET	N040261	N040261-015E
	04/09/20		PACE	N040261_30358759	30358759001
	04/09/20	FD	ASSET	N040261	N040261-016A
	04/09/20	FD	ASSET	N040261	N040261-016B
	04/09/20	FD	ASSET	N040261	N040261-016C
	04/09/20	FD	ASSET	N040261	N040261-016E
	04/09/20	FD	PACE	N040261_30358759	30358759002
MW-62C	04/09/20		ASSET	N040261	N040261-017A
	04/09/20		ASSET	N040261	N040261-017B
MW-66A	04/24/20		ASSET	N040431	N040431-006A
	04/24/20		ASSET	N040431	N040431-006B
	04/24/20		ASSET	N040431	N040431-006C
MW-67B	04/06/20		ASSET	N040214	N040214-001A
	04/06/20		ASSET	N040214	N040214-001B
	04/06/20		ASSET	N040214	N040214-001C
	04/06/20		ASSET	N040214	N040214-001D
MW-68C	04/08/20		ASSET	N040245	N040245-001A
	04/08/20		ASSET	N040245	N040245-001B
MW-68D	04/08/20		ASSET	N040246	N040246-001A
	04/08/20		ASSET	N040246	N040246-001B
	04/08/20		ASSET	N040246	N040246-001C
	04/08/20		ASSET	N040246	N040246-001E
	04/08/20		PACE	N040246_30358888	30358888001
MW-68S	04/08/20		ASSET	N040246	N040246-002A
	04/08/20		ASSET	N040246	N040246-002B
	04/08/20		ASSET	N040246	N040246-002C
	04/08/20		ASSET	N040246	N040246-002E
	04/08/20		PACE	N040246_30358888	30358888002
MW-69D	04/09/20		ASSET	N040261	N040261-020A
	04/09/20		ASSET	N040261	N040261-020B
MW-69S	04/09/20		ASSET	N040261	N040261-021A
	04/09/20		ASSET	N040261	N040261-021B
	04/09/20		ASSET	N040261	N040261-021C
	04/09/20		ASSET	N040261	N040261-021E
	04/09/20		PACE	N040261_30358759	30358759005
	04/09/20	FD	ASSET	N040261	N040261-022A
	04/09/20	FD	ASSET	N040261	N040261-022B

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MW-69S	04/09/20	FD	ASSET	N040261	N040261-022C
	04/09/20	FD	ASSET	N040261	N040261-022E
	04/09/20	FD	PACE	N040261_30358759	30358759006
MW-70D	04/08/20		ASSET	N040246	N040246-003A
	04/08/20		ASSET	N040246	N040246-003B
	04/08/20		ASSET	N040246	N040246-003C
	04/08/20		ASSET	N040246	N040246-003E
	04/08/20		PACE	N040246_30358888	30358888003
MW-70S	05/06/20		ASSET	N040546	N040546-001A
	05/06/20		ASSET	N040546	N040546-001B
	05/06/20		ASSET	N040546	N040546-001C
	05/06/20		ASSET	N040546	N040546-001E
	05/06/20		PACE	N040546_30362818	30362818001
MW-71D	04/08/20		ASSET	N040246	N040246-004A
	04/08/20		ASSET	N040246	N040246-004B
	04/08/20		ASSET	N040246	N040246-004C
	04/08/20		ASSET	N040246	N040246-004E
	04/08/20		PACE	N040246_30358888	30358888004
MW-71S	04/08/20		ASSET	N040246	N040246-005A
	04/08/20		ASSET	N040246	N040246-005B
	04/08/20		ASSET	N040246	N040246-005C
	04/08/20		ASSET	N040246	N040246-005E
	04/08/20		PACE	N040246_30358888	30358888005
MW-72S	05/06/20		ASSET	N040545	N040545-002A
	05/06/20		ASSET	N040545	N040545-002B
	05/06/20		ASSET	N040545	N040545-002C
	05/06/20		ASSET	N040545	N040545-002E
	05/06/20		PACE	N040545_30362821	30362821001
	05/06/20	FD	ASSET	N040545	N040545-003A
	05/06/20	FD	ASSET	N040545	N040545-003B
	05/06/20	FD	ASSET	N040545	N040545-003C
	05/06/20	FD	ASSET	N040545	N040545-003E
	05/06/20	FD	PACE	N040545_30362821	30362821002
MW-73D	04/16/20		ASSET	N040338	N040338-008A
	04/16/20		ASSET	N040338	N040338-008B
	04/16/20		ASSET	N040338	N040338-008C
	04/16/20		ASSET	N040338	N040338-008D

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-73D	06/04/20		ASSET	N040874	N040874-004A
	06/04/20		ASSET	N040874	N040874-004B
MW-74D	04/16/20		ASSET	N040338	N040338-010A
	04/16/20		ASSET	N040338	N040338-010B
	04/16/20		ASSET	N040338	N040338-010C
	04/16/20		ASSET	N040338	N040338-010D
MW-74D2	04/16/20		ASSET	N040338	N040338-009A
	04/16/20		ASSET	N040338	N040338-009B
	04/16/20		ASSET	N040338	N040338-009C
	04/16/20		ASSET	N040338	N040338-009D
MW-75D	04/24/20		ASSET	N040429	N040429-002A
	04/24/20		ASSET	N040429	N040429-002B
	04/24/20		ASSET	N040429	N040429-002C
	04/24/20		ASSET	N040429	N040429-002D
MW-76S	04/09/20		ASSET	N040261	N040261-007A
	04/09/20		ASSET	N040261	N040261-007B
MW-78S	04/16/20		ASSET	N040338	N040338-005A
	04/16/20		ASSET	N040338	N040338-005B
	04/16/20		ASSET	N040338	N040338-005C
	04/16/20		ASSET	N040338	N040338-005D
MW-79S	04/07/20		ASSET	N040233	N040233-013A
	04/07/20		ASSET	N040233	N040233-013B
MW-80S	04/09/20		ASSET	N040261	N040261-012A
	04/09/20		ASSET	N040261	N040261-012B
MW-83D	04/23/20		ASSET	N040419	N040419-002A
	04/23/20		ASSET	N040419	N040419-002B
	04/23/20		ASSET	N040419	N040419-002C
	04/23/20		ASSET	N040419	N040419-002D
	04/23/20		PACE	N040419_30361390	30361390002
MW-83S	04/23/20		ASSET	N040419	N040419-003A
	04/23/20		ASSET	N040419	N040419-003B
	04/23/20		ASSET	N040419	N040419-003C
	04/23/20		ASSET	N040419	N040419-003D
	04/23/20		PACE	N040419_30361390	30361390003
MW-84D	04/13/20		ASSET	N040290	N040290-003A
	04/13/20		ASSET	N040290	N040290-003B
	04/13/20		ASSET	N040290	N040290-003C

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-84D	04/13/20		ASSET	N040290	N040290-003E
	04/13/20		PACE	N040290_30359528	30359528002
MW-84S	04/13/20		ASSET	N040290	N040290-004A
	04/13/20		ASSET	N040290	N040290-004B
	04/13/20		ASSET	N040290	N040290-004C
	04/13/20		ASSET	N040290	N040290-004E
	04/13/20		PACE	N040290_30359528	30359528003
MW-85D	04/13/20		ASSET	N040290	N040290-005A
	04/13/20		ASSET	N040290	N040290-005B
	04/13/20		ASSET	N040290	N040290-005C
	04/13/20		ASSET	N040290	N040290-005E
	04/13/20		PACE	N040290_30359528	30359528004
MW-85S	04/13/20		ASSET	N040290	N040290-006A
	04/13/20		ASSET	N040290	N040290-006B
	04/13/20		ASSET	N040290	N040290-006C
	04/13/20		ASSET	N040290	N040290-006E
	04/13/20		PACE	N040290_30359528	30359528005
MW-86D	04/08/20		ASSET	N040246	N040246-011A
	04/08/20		ASSET	N040246	N040246-011B
	04/08/20		ASSET	N040246	N040246-011C
	04/08/20		ASSET	N040246	N040246-011E
	04/08/20		PACE	N040246_30358888	30358888011
MW-86S	04/08/20		ASSET	N040246	N040246-010A
	04/08/20		ASSET	N040246	N040246-010B
	04/08/20		ASSET	N040246	N040246-010C
	04/08/20		ASSET	N040246	N040246-010E
	04/08/20		PACE	N040246_30358888	30358888010
MW-87D	04/09/20		ASSET	N040261	N040261-013A
	04/09/20		ASSET	N040261	N040261-013B
MW-87S	04/09/20		ASSET	N040261	N040261-014A
	04/09/20		ASSET	N040261	N040261-014B
MW-88D	04/24/20		ASSET	N040430	N040430-006A
	04/24/20		ASSET	N040430	N040430-006B
	04/24/20		ASSET	N040430	N040430-006C
	04/24/20		ASSET	N040430	N040430-006D
	04/24/20		PACE	N040430_30361391	30361391003
MW-88S	04/24/20		ASSET	N040430	N040430-007A

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
MW-88S	04/24/20		ASSET	N040430	N040430-007B
	04/24/20		ASSET	N040430	N040430-007C
	04/24/20		ASSET	N040430	N040430-007D
	04/24/20		PACE	N040430_30361391	30361391004
MW-89D	04/06/20		ASSET	N040213	N040213-005A
	04/06/20		ASSET	N040213	N040213-005B
	04/06/20		ASSET	N040213	N040213-005C
	04/06/20		ASSET	N040213	N040213-005E
	04/06/20		PACE	N040213_30358587	30358587005
MW-89S	04/06/20		ASSET	N040213	N040213-006A
	04/06/20		ASSET	N040213	N040213-006B
	04/06/20		ASSET	N040213	N040213-006C
	04/06/20		ASSET	N040213	N040213-006E
	04/06/20		PACE	N040213_30358587	30358587006
MW-90C	05/06/20		ASSET	N040545	N040545-001A
	05/06/20		ASSET	N040545	N040545-001B
MW-91C	04/13/20		ASSET	N040289	N040289-009A
	04/13/20		ASSET	N040289	N040289-009B
MW-92C	04/13/20		ASSET	N040289	N040289-010A
	04/13/20		ASSET	N040289	N040289-010B
MW-93C	04/14/20		ASSET	N040305	N040305-009A
	04/14/20		ASSET	N040305	N040305-009B
MW-94S	04/07/20		ASSET	N040233	N040233-011A
	04/07/20		ASSET	N040233	N040233-011B
MW-95S	04/15/20		ASSET	N040323	N040323-012A
	04/15/20		ASSET	N040323	N040323-012B
MW-96S	05/07/20		ASSET	N040564	N040564-010A
	05/07/20		ASSET	N040564	N040564-010B
MW-97S	04/07/20		ASSET	N040233	N040233-012A
	04/07/20		ASSET	N040233	N040233-012B
	06/05/20		ASSET	N040886	N040886-009A
MW-98C	04/14/20		ASSET	N040305	N040305-008A
	04/14/20		ASSET	N040305	N040305-008B
MW-99C	04/10/20		ASSET	N040268	N040268-006A
	04/10/20		ASSET	N040268	N040268-006B
PMW-01	04/22/20		ASSET	N040394	N040394-011A
	04/22/20		ASSET	N040394	N040394-011B

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Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
PMW-01	04/22/20		ASSET	N040394	N040394-011C
PMW-02	04/23/20		ASSET	N040419	N040419-004A
	04/23/20		ASSET	N040419	N040419-004B
	04/23/20		ASSET	N040419	N040419-004C
	04/23/20		ASSET	N040419	N040419-004D
	04/23/20		PACE	N040419_30361390	30361390004
PMW-03	04/23/20		ASSET	N040420	N040420-003A
	04/23/20		ASSET	N040420	N040420-003B
	04/23/20		ASSET	N040420	N040420-003C
PMW-05	04/23/20		ASSET	N040420	N040420-004A
	04/23/20		ASSET	N040420	N040420-004B
	04/23/20		ASSET	N040420	N040420-004C
PT2-MW-10	04/17/20		ASSET	N040348	N040348-016A
	04/17/20		ASSET	N040348	N040348-016B
SA-MW-01S	04/15/20		ASSET	N040325	N040325-014A
	04/15/20		ASSET	N040325	N040325-014B
	04/15/20	FD	ASSET	N040325	N040325-015A
	04/15/20	FD	ASSET	N040325	N040325-015B
SA-MW-05D	04/15/20		ASSET	N040325	N040325-009A
	04/15/20		ASSET	N040325	N040325-009B
	04/15/20	FD	ASSET	N040325	N040325-010A
	04/15/20	FD	ASSET	N040325	N040325-010B
SA-MW-06S	04/15/20		ASSET	N040324	N040324-002A
	04/15/20		ASSET	N040324	N040324-002B
	04/15/20	FD	ASSET	N040324	N040324-003A
	04/15/20	FD	ASSET	N040324	N040324-003B
SA-MW-07D	04/15/20		ASSET	N040325	N040325-007A
	04/15/20		ASSET	N040325	N040325-007B
	04/15/20	FD	ASSET	N040325	N040325-008A
	04/15/20	FD	ASSET	N040325	N040325-008B
SA-MW-09S	04/20/20		ASSET	N040370	N040370-002A
	04/20/20		ASSET	N040370	N040370-002B
SA-MW-10D	04/20/20		ASSET	N040370	N040370-003A
	04/20/20		ASSET	N040370	N040370-003B
SA-MW-11S	04/17/20		ASSET	N040348	N040348-009A
	04/17/20		ASSET	N040348	N040348-009B
SA-MW-16S	04/20/20		ASSET	N040370	N040370-012A

Table F-1
Index to Laboratory Analytical Reports and Chain-of-Custody Records
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
SA-MW-16S	04/20/20		ASSET	N040370	N040370-012B
SA-MW-17S	04/20/20		ASSET	N040370	N040370-013A
	04/20/20		ASSET	N040370	N040370-013B
SA-MW-20D	04/21/20		ASSET	N040385	N040385-003A
	04/21/20		ASSET	N040385	N040385-003B
SA-MW-25D	04/21/20		ASSET	N040385	N040385-009A
	04/21/20		ASSET	N040385	N040385-009B
SA-MW-26D	04/21/20		ASSET	N040385	N040385-010A
	04/21/20		ASSET	N040385	N040385-010B
SA-MW-26S	04/21/20		ASSET	N040385	N040385-011A
	04/21/20		ASSET	N040385	N040385-011B
	04/21/20	FD	ASSET	N040385	N040385-012A
	04/21/20	FD	ASSET	N040385	N040385-012B
SA-MW-27D	04/21/20		ASSET	N040385	N040385-013A
	04/21/20		ASSET	N040385	N040385-013B
	06/04/20		ASSET	N040874	N040874-001A
	06/04/20		ASSET	N040874	N040874-001B
SA-MW-34S	04/21/20		ASSET	N040384	N040384-001A
	04/21/20		ASSET	N040384	N040384-001B
SA-MW-37D	04/21/20		ASSET	N040384	N040384-004A
	04/21/20		ASSET	N040384	N040384-004B
SA-MW-38D	04/21/20		ASSET	N040384	N040384-005A
	04/21/20		ASSET	N040384	N040384-005B
	04/21/20	FD	ASSET	N040384	N040384-006A
	04/21/20	FD	ASSET	N040384	N040384-006B
SA-MW-38S	04/21/20		ASSET	N040385	N040385-017A
	04/21/20		ASSET	N040385	N040385-017B
SA-MW-39D	04/21/20		ASSET	N040384	N040384-007A
	04/21/20		ASSET	N040384	N040384-007B
SA-MW-39S	04/21/20		ASSET	N040384	N040384-008A
	04/21/20		ASSET	N040384	N040384-008B
SA-RW-25	04/16/20		ASSET	N040338	N040338-018A
	04/16/20		ASSET	N040338	N040338-018B
SA-SM-01S	04/22/20		ASSET	N040394	N040394-003A
	04/22/20		ASSET	N040394	N040394-003B
SA-SM-02S	04/22/20		ASSET	N040394	N040394-004A
	04/22/20		ASSET	N040394	N040394-004B

Table F-1
Index to Laboratory Analytical Reports and Chain-of-Custody Records
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
SA-SM-03SR	04/22/20		ASSET	N040394	N040394-001A
	04/22/20		ASSET	N040394	N040394-001B
SA-SM-08D	04/22/20		ASSET	N040394	N040394-005A
	04/22/20		ASSET	N040394	N040394-005B
SC-MW-01D	04/08/20		ASSET	N040247	N040247-001A
	04/08/20		ASSET	N040247	N040247-001B
SC-MW-02D	04/08/20		ASSET	N040247	N040247-002A
	04/08/20		ASSET	N040247	N040247-002B
SC-MW-03D	04/08/20		ASSET	N040247	N040247-004A
	04/08/20		ASSET	N040247	N040247-004B
SC-MW-04D	04/08/20		ASSET	N040252	N040252-001A
	04/08/20		ASSET	N040252	N040252-001B
	06/01/20		ASSET	N040829	N040829-001A
	06/01/20		ASSET	N040829	N040829-001B
SC-MW-04S	04/08/20		ASSET	N040247	N040247-006A
	04/08/20		ASSET	N040247	N040247-006B
SC-MW-05D	04/08/20		ASSET	N040252	N040252-002A
	04/08/20		ASSET	N040252	N040252-002B
	06/01/20		ASSET	N040829	N040829-002A
	06/01/20		ASSET	N040829	N040829-002B
SC-MW-06D	04/08/20		ASSET	N040252	N040252-003A
	04/08/20		ASSET	N040252	N040252-003B
	06/01/20		ASSET	N040829	N040829-003A
	06/01/20		ASSET	N040829	N040829-003B
SC-MW-06S	04/08/20		ASSET	N040247	N040247-007A
	04/08/20		ASSET	N040247	N040247-007B
SC-MW-07D	04/15/20		ASSET	N040324	N040324-008A
	04/15/20		ASSET	N040324	N040324-008B
SC-MW-07S	04/15/20		ASSET	N040324	N040324-009A
	04/15/20		ASSET	N040324	N040324-009B
SC-MW-09D	04/15/20		ASSET	N040324	N040324-010A
	04/15/20		ASSET	N040324	N040324-010B
SC-MW-10D	04/15/20		ASSET	N040324	N040324-011A
	04/15/20		ASSET	N040324	N040324-011B
SC-MW-10S	04/15/20		ASSET	N040325	N040325-001A
	04/15/20		ASSET	N040325	N040325-001B
	06/02/20		ASSET	N040842	N040842-002A

Table F-1
Index to Laboratory Analytical Reports and Chain-of-Custody Records
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
SC-MW-10S	06/02/20		ASSET	N040842	N040842-002B
SC-MW-11D	04/15/20		ASSET	N040325	N040325-002A
	04/15/20		ASSET	N040325	N040325-002B
SC-MW-12S	04/15/20		ASSET	N040325	N040325-006A
	04/15/20		ASSET	N040325	N040325-006B
SC-MW-13D	04/20/20		ASSET	N040370	N040370-008A
	04/20/20		ASSET	N040370	N040370-008B
SC-MW-13S	04/20/20		ASSET	N040370	N040370-004A
	04/20/20		ASSET	N040370	N040370-004B
SC-MW-21S	04/21/20		ASSET	N040385	N040385-002A
	04/21/20		ASSET	N040385	N040385-002B
SC-MW-26D	06/04/20		ASSET	N040873	N040873-002A
	06/04/20		ASSET	N040873	N040873-002D
SC-MW-38D	04/08/20		ASSET	N040252	N040252-004A
	04/08/20		ASSET	N040252	N040252-004B
	06/01/20		ASSET	N040829	N040829-004A
	06/01/20		ASSET	N040829	N040829-004B
X-04	04/14/20		ASSET	N040306	N040306-008A
	04/14/20		ASSET	N040306	N040306-008B
X-05	04/14/20		ASSET	N040306	N040306-009A
	04/14/20		ASSET	N040306	N040306-009B
X-06	04/14/20		ASSET	N040306	N040306-007A
	04/14/20		ASSET	N040306	N040306-007B
X-09	06/02/20		ASSET	N040841	N040841-001A
	06/02/20		ASSET	N040841	N040841-001B
X-10	04/13/20		ASSET	N040291	N040291-009A
	05/05/20		ASSET	N040520	N040520-005A
X-11	04/13/20		ASSET	N040291	N040291-004A
	05/05/20		ASSET	N040520	N040520-006A
X-12	04/13/20		ASSET	N040291	N040291-001A
	04/13/20		ASSET	N040291	N040291-001B
	04/13/20		ASSET	N040291	N040291-001C
	04/13/20		ASSET	N040291	N040291-001E
	04/13/20		PACE	N040291_30359527	30359527001
X-13	04/13/20		ASSET	N040291	N040291-002A
	04/13/20		ASSET	N040291	N040291-002B
	04/13/20		ASSET	N040291	N040291-002C

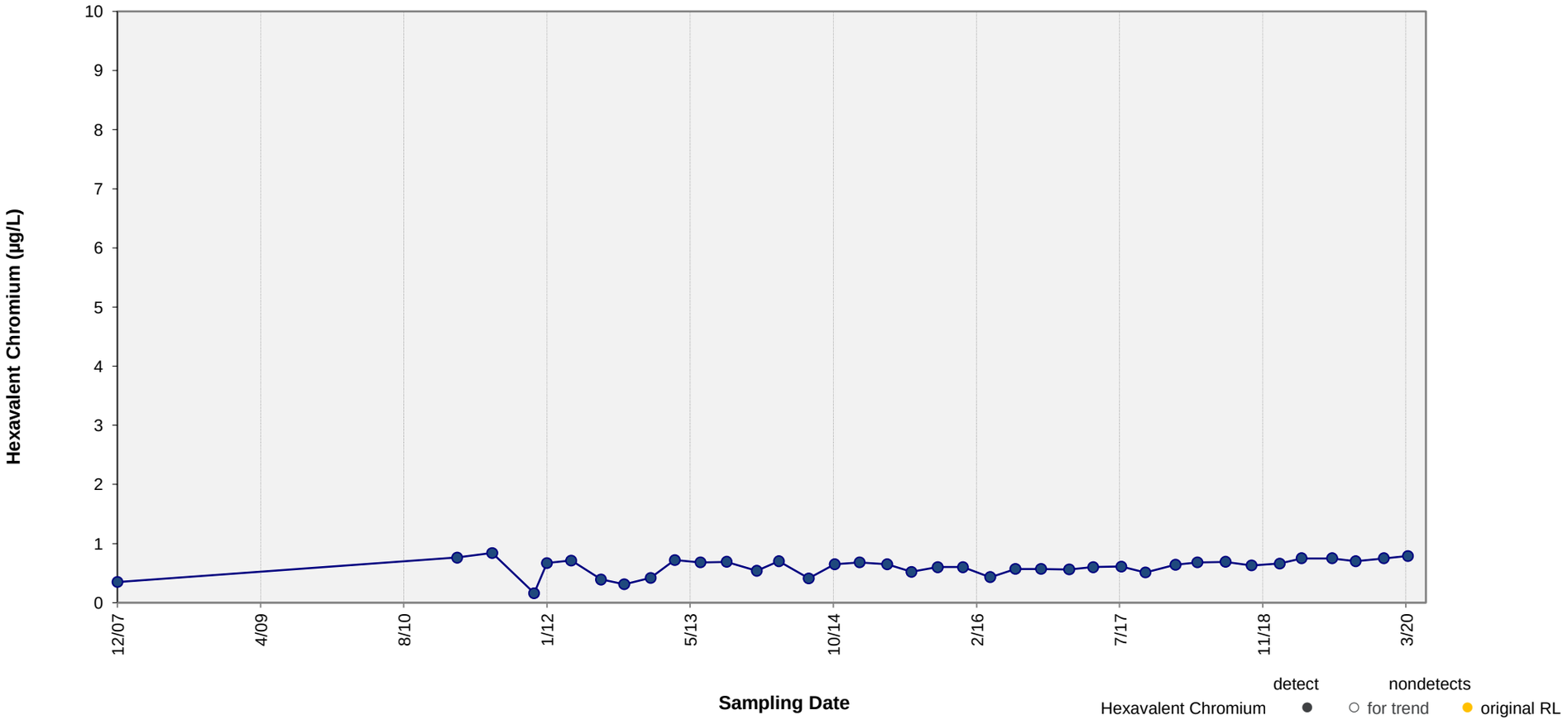
Table F-1
Index to Laboratory Analytical Reports and Chain-of-Custody Records
Second Quarter 2020 Groundwater Monitoring Report and Domestic Well Sampling Results
Site-wide Groundwater Monitoring Program
Pacific Gas and Electric Company, Hinkley Compressor Station, Hinkley, California

Well ID	Sample Date	Sample Type	Laboratory	SDG	Laboratory ID
X-13	04/13/20		ASSET	N040291	N040291-002D
	04/13/20		ASSET	N040291	N040291-002E
	04/13/20	FD	ASSET	N040291	N040291-003A
	04/13/20	FD	ASSET	N040291	N040291-003B
	04/13/20	FD	ASSET	N040291	N040291-003C
	04/13/20	FD	ASSET	N040291	N040291-003D
	04/13/20	FD	ASSET	N040291	N040291-003E
X-15	04/09/20		ASSET	N040263	N040263-001A
	04/09/20		ASSET	N040263	N040263-001B
	04/09/20		ASSET	N040263	N040263-001C
	04/09/20		ASSET	N040263	N040263-001D
	06/02/20		ASSET	N040860	N040860-001A
	06/02/20		ASSET	N040860	N040860-001B
X-16	04/23/20		ASSET	N040420	N040420-001A
	04/23/20		ASSET	N040420	N040420-001B
Y-01	04/14/20		ASSET	N040306	N040306-011A
	04/14/20		ASSET	N040306	N040306-011B
	04/14/20		ASSET	N040306	N040306-011C
	04/14/20		ASSET	N040306	N040306-011E
	04/14/20		PACE	N040306_30359716	30359716009
Y-03	04/14/20		ASSET	N040306	N040306-006A
	04/14/20		ASSET	N040306	N040306-006B
	04/14/20		ASSET	N040306	N040306-006C
	04/14/20		ASSET	N040306	N040306-006E
	04/14/20		PACE	N040306_30359716	30359716007

Abbreviations:
ASSET = Asset laboratories
FD = field duplicate
PACE = Pace Analytical Services, Inc.
SDG = sample delivery group

APPENDIX G

Concentration Trends for Selected Monitoring Wells



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

p value = 0.026 Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope: **No trend**

Median Slope Estimate = 5.2E-05 µg/L Per Day

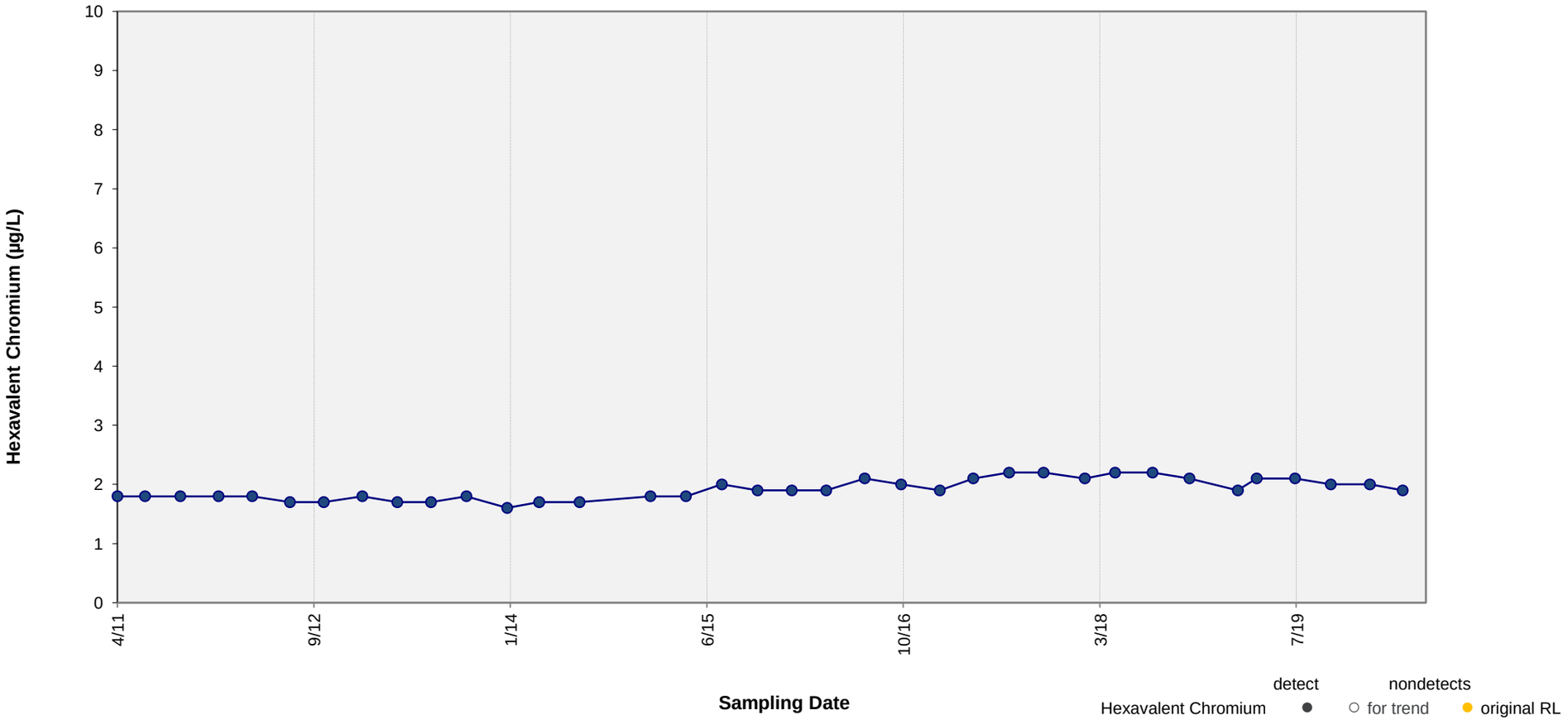
95% Confidence Interval = 0.0E+00 to 1.1E-04 µg/L Per Day

ARCADIS

Concentration vs. Time Plot – Hexavalent Chromium in Well 02-23

Pacific Gas and Electric Company, Hinkley Compressor Station, hinkley, California

Figure G-1



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

p value = <0.001 Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope: **INCREASING TREND**

Median Slope Estimate = 1.2E-04 µg/L Per Day

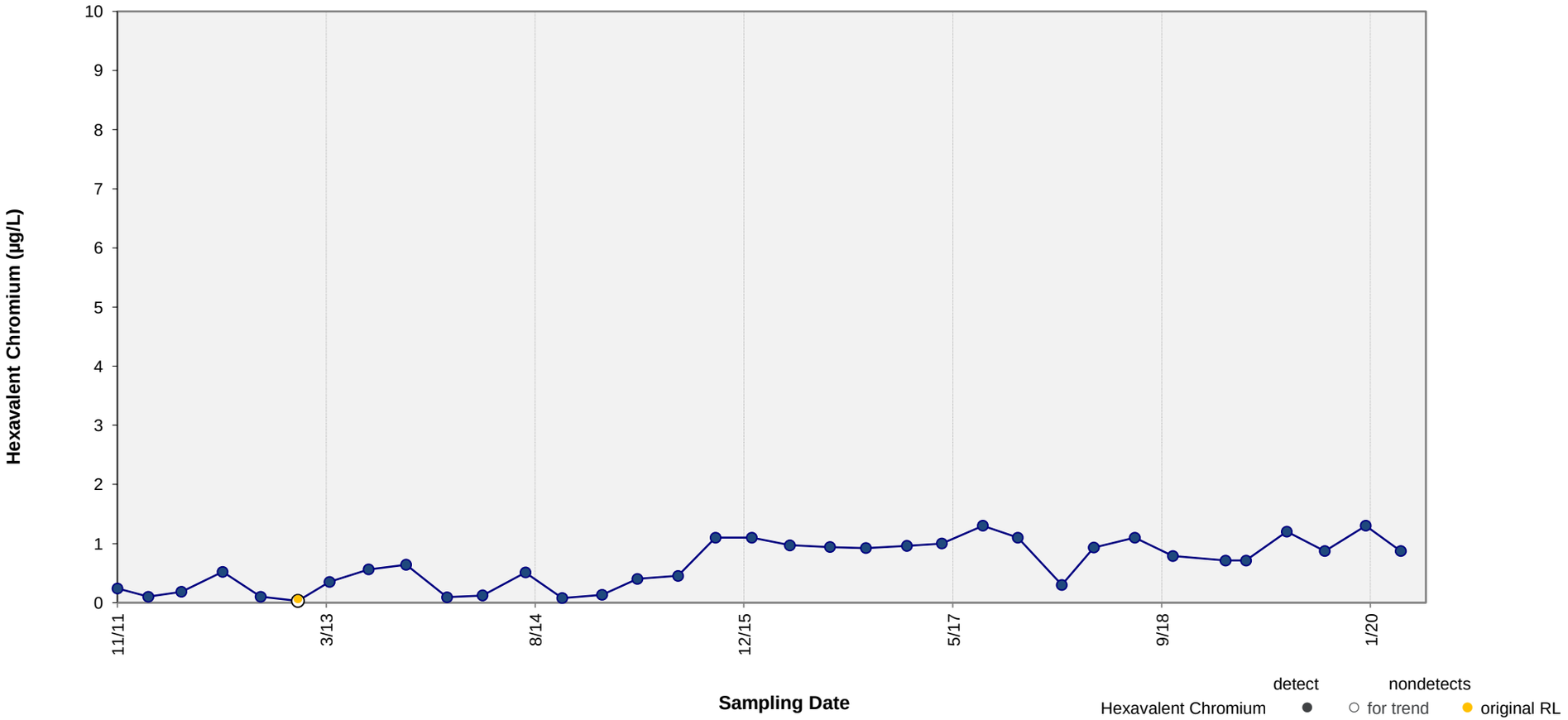
95% Confidence Interval = 6.8E-05 to 1.7E-04 µg/L Per Day

ARCADIS

Concentration vs. Time Plot – Hexavalent Chromium in Well 22-75

Pacific Gas and Electric Company, Hinkley Compressor Station, hinkley, California

Figure G-2



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

p value = <0.001 Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope: **INCREASING TREND**

Median Slope Estimate = 3.0E-04 µg/L Per Day

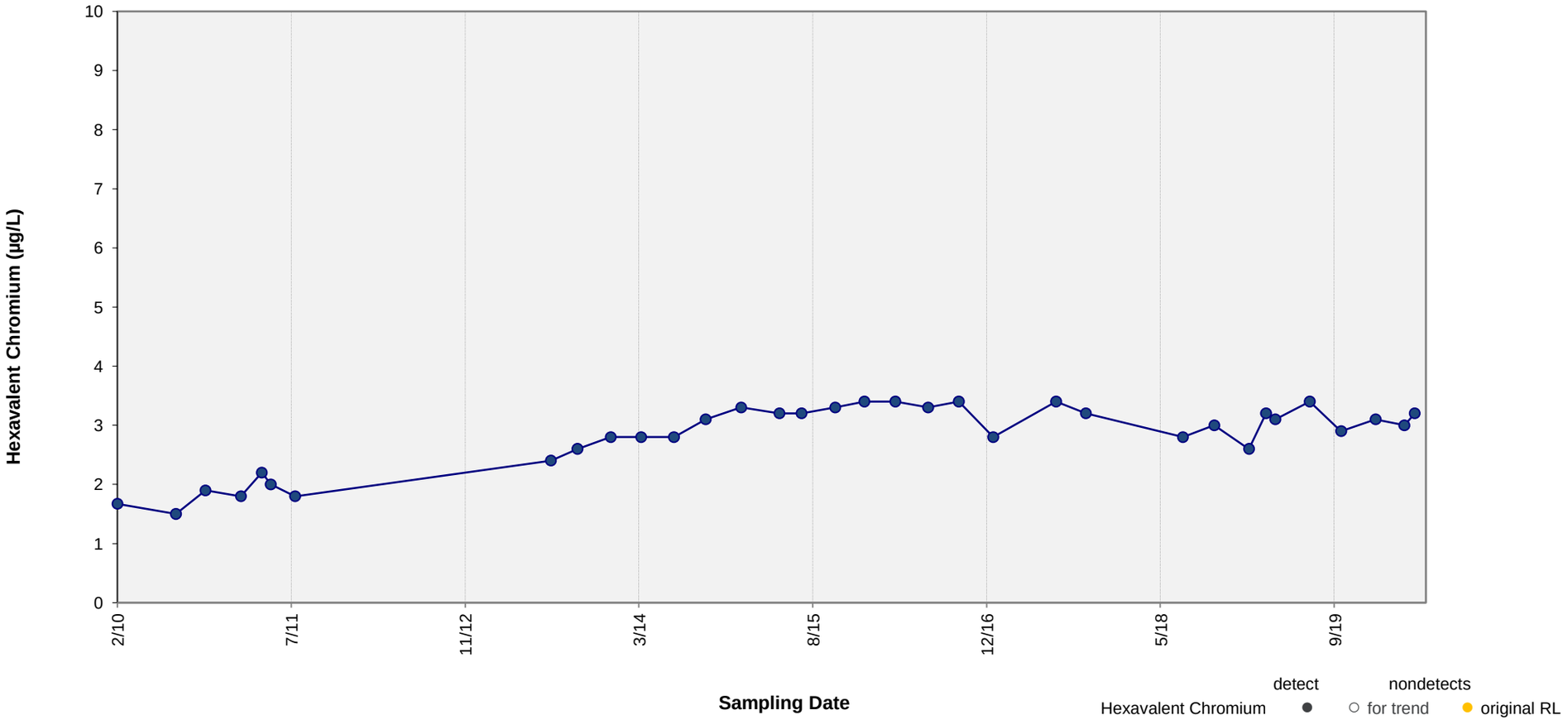
95% Confidence Interval = 2.0E-04 to 4.1E-04 µg/L Per Day

ARCADIS

Concentration vs. Time Plot – Hexavalent Chromium in Well 22-82

Pacific Gas and Electric Company, Hinkley Compressor Station, hinkley, California

Figure G-3



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

p value = <0.001 Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope: **INCREASING TREND**

Median Slope Estimate = 3.6E-04 µg/L Per Day

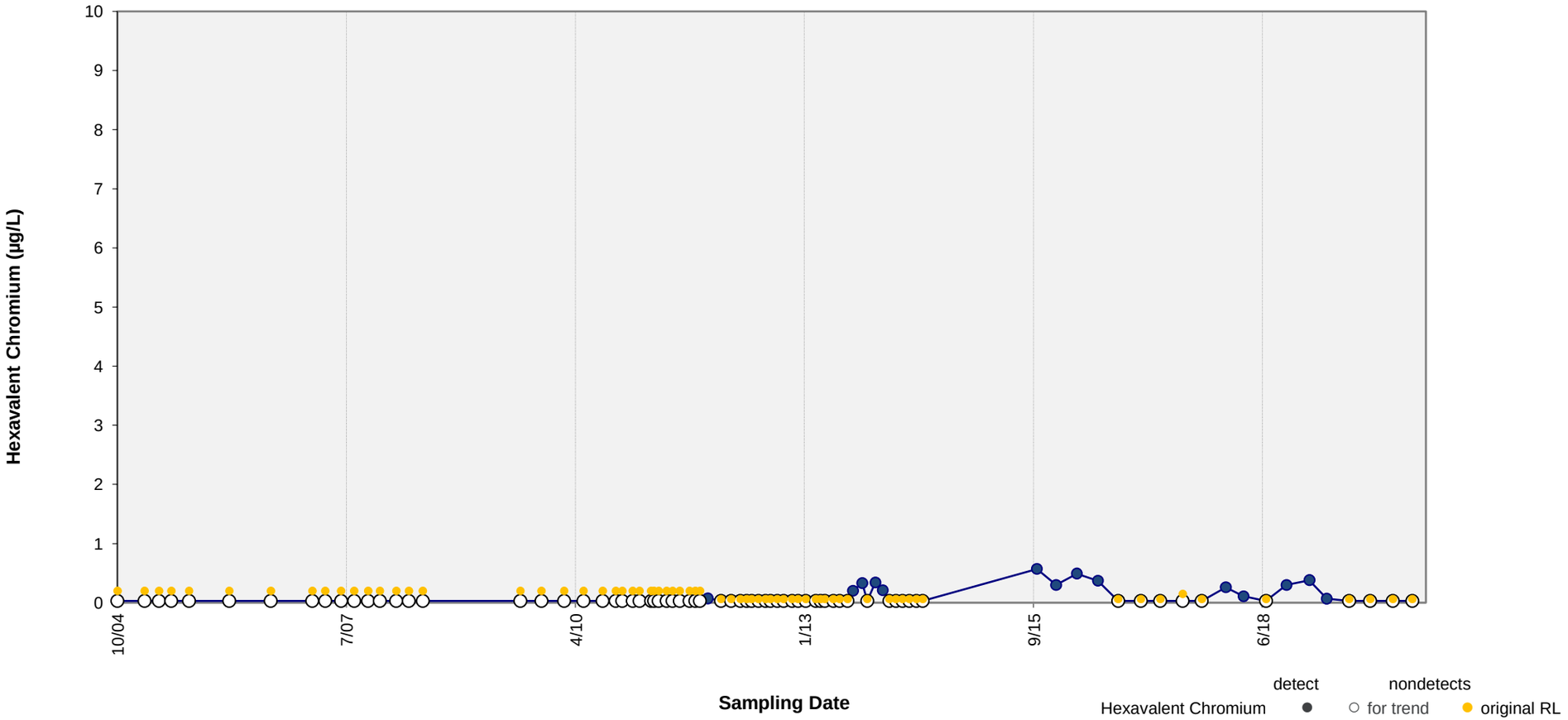
95% Confidence Interval = 2.2E-04 to 5.2E-04 µg/L Per Day

ARCADIS

Concentration vs. Time Plot – Hexavalent Chromium in Well 23-30

Pacific Gas and Electric Company, Hinkley Compressor Station, hinkley, California

Figure G-4



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

p value = <0.001 Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope: **No trend**

Median Slope Estimate = 0.0E+00 µg/L Per Day

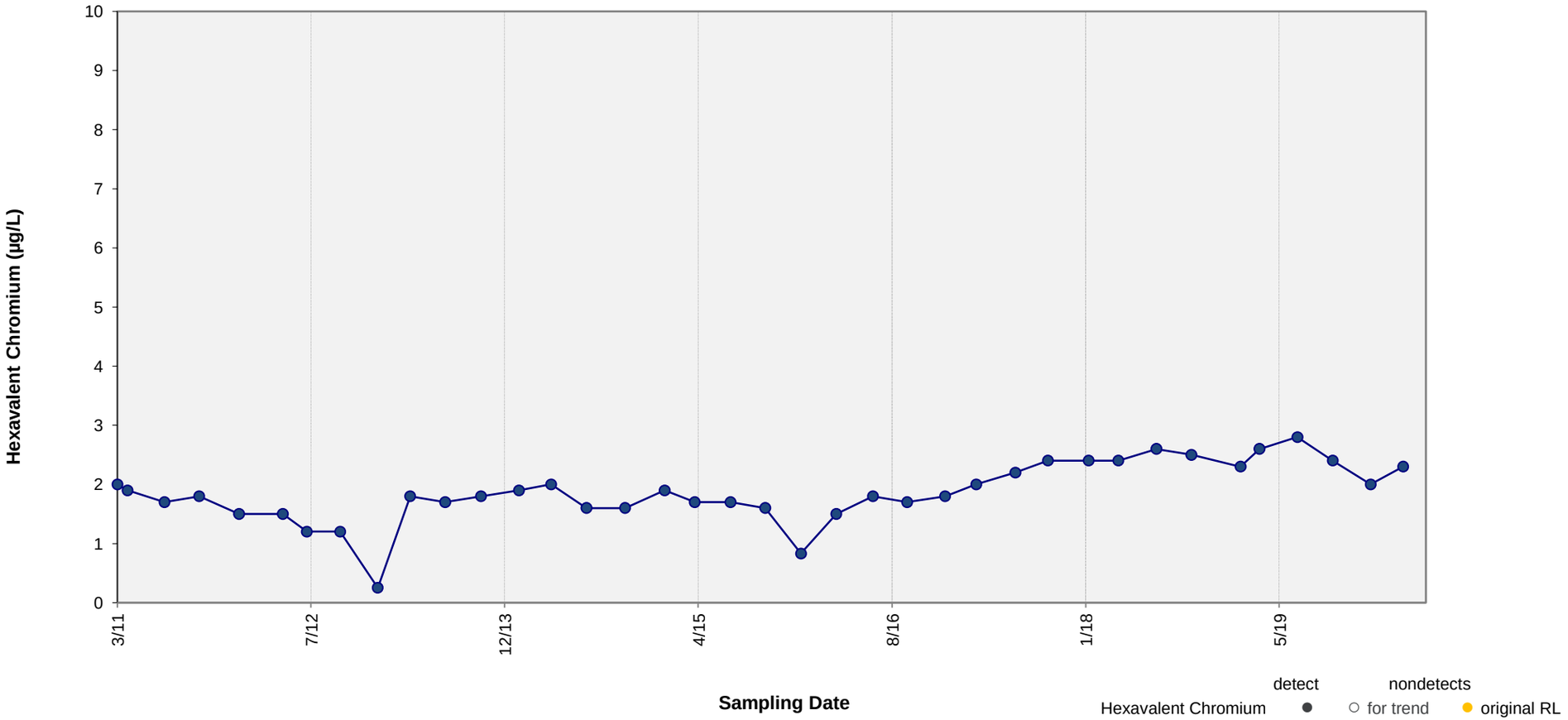
95% Confidence Interval = 0.0E+00 to 0.0E+00 µg/L Per Day

ARCADIS

Concentration vs. Time Plot – Hexavalent Chromium in Well 26-66

Pacific Gas and Electric Company, Hinkley Compressor Station, hinkley, California

Figure G-5



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

p value = <0.001 Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope: **INCREASING TREND**

Median Slope Estimate = 2.9E-04 µg/L Per Day

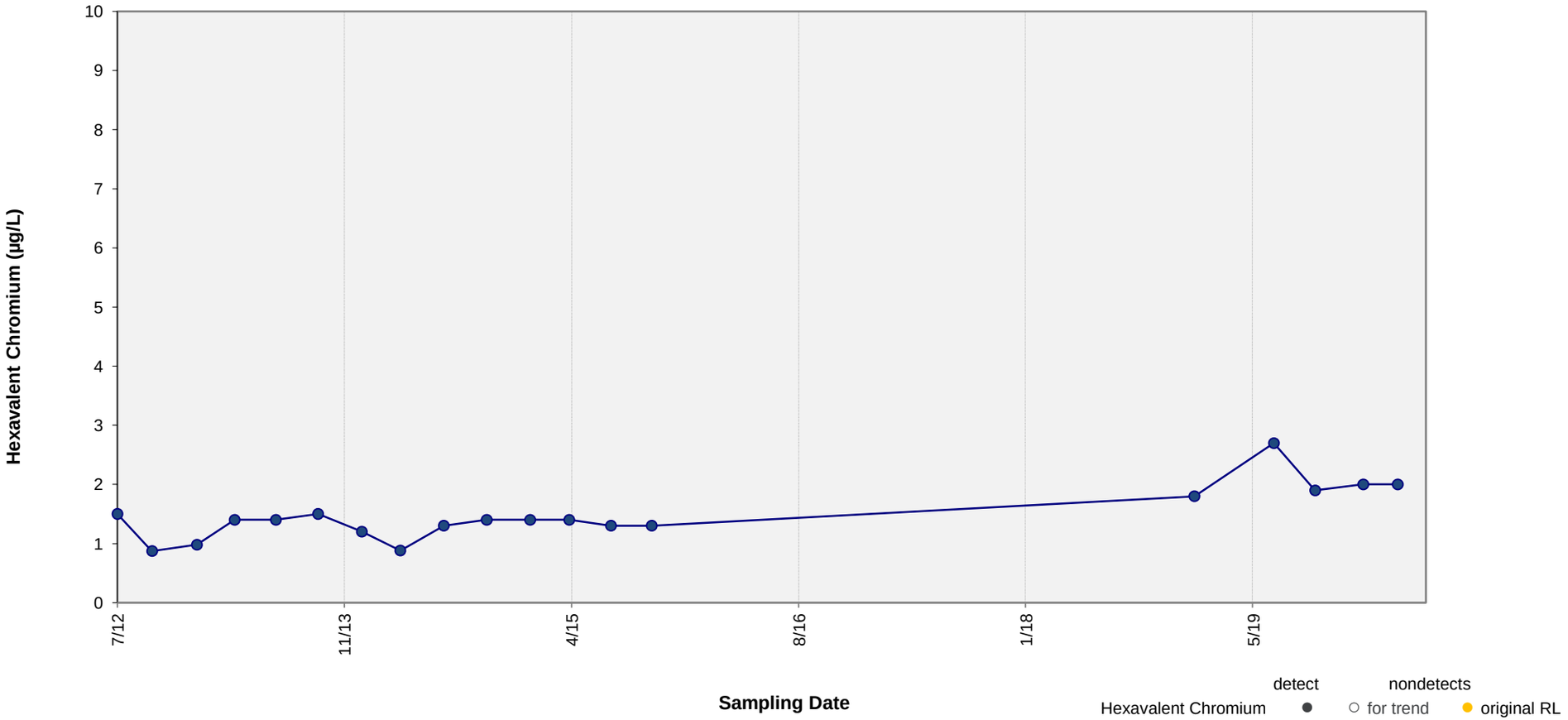
95% Confidence Interval = 1.7E-04 to 4.2E-04 µg/L Per Day

ARCADIS

Concentration vs. Time Plot – Hexavalent Chromium in Well 27-49

Pacific Gas and Electric Company, Hinkley Compressor Station, hinkley, California

Figure G-6



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

p value = 0.005 Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope: **INCREASING TREND**

Median Slope Estimate = 3.1E-04 µg/L Per Day

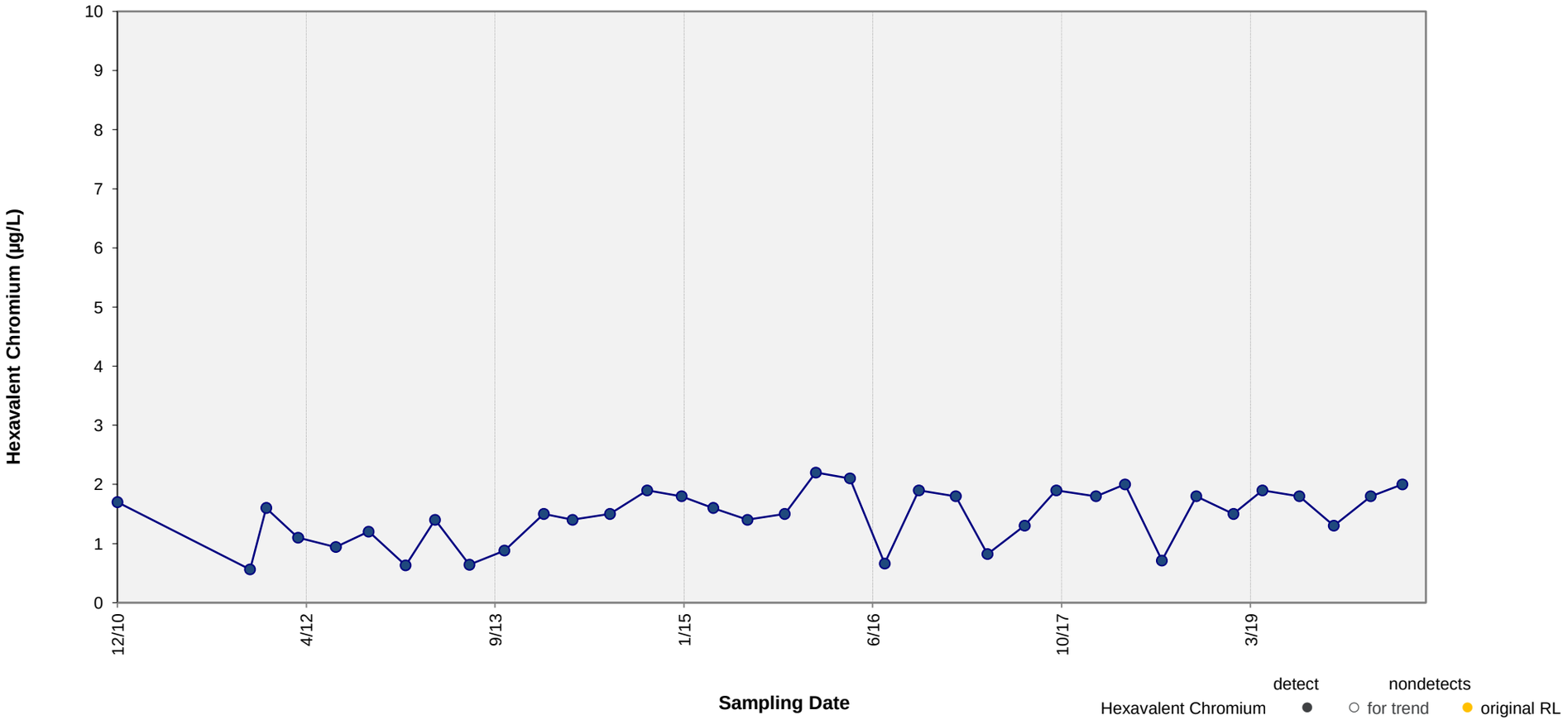
95% Confidence Interval = 1.1E-04 to 4.2E-04 µg/L Per Day

ARCADIS

Concentration vs. Time Plot – Hexavalent Chromium in Well 31E-07

Pacific Gas and Electric Company, Hinkley Compressor Station, hinkley, California

Figure G-7



Results of Mann-Kendall Test for Trend: **INCREASING TREND**

p value = 0.004 Note: p value < 0.05 indicates a statistically significant trend (95% confidence level).

Results of Sen's Estimator of Slope: **INCREASING TREND**

Median Slope Estimate = 2.1E-04 µg/L Per Day

95% Confidence Interval = 3.9E-05 to 3.7E-04 µg/L Per Day

ARCADIS

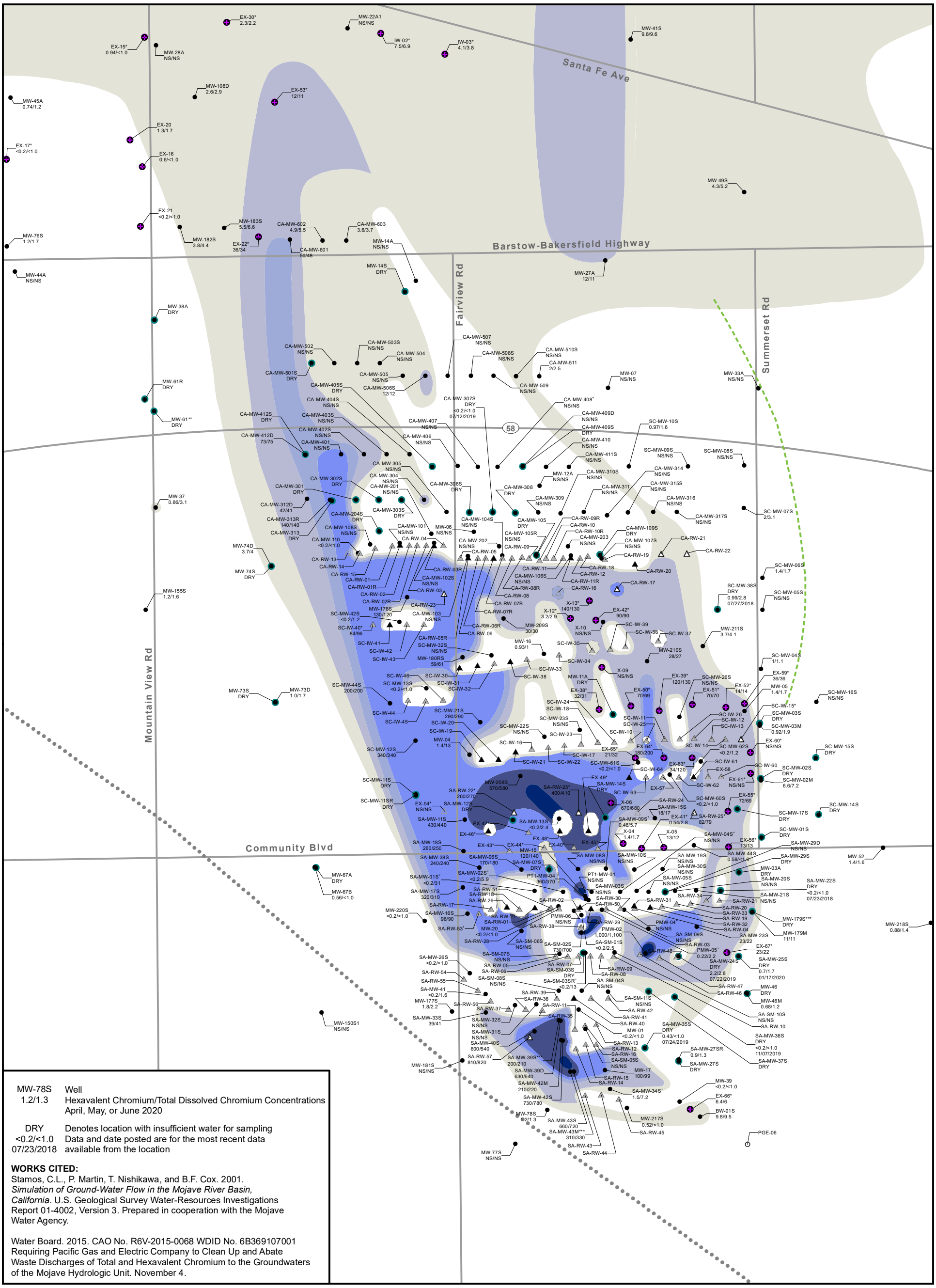
Concentration vs. Time Plot – Hexavalent Chromium in Well 36-41

Pacific Gas and Electric Company, Hinkley Compressor Station, hinkley, California

Figure G-8

APPENDIX H

Chromium Contour Figures from In-Situ Reactive Zone Report



MW-78S Well
1.2/1.3 Hexavalent Chromium/Total Dissolved Chromium Concentrations April, May, or June 2020

DRY Denotes location with insufficient water for sampling
<0.2/<1.0 Data and date posted are for the most recent data
07/23/2018 available from the location

WORKS CITED:

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California*. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3. Prepared in cooperation with the Mojave Water Agency.

Water Board. 2015. CAO No. R6V-2015-0068 WDID No. 6B369107001 Requiring Pacific Gas and Electric Company to Clean Up and Abate Waste Discharges of Total and Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit. November 4.

LEGEND

- Monitoring Well
- Dry Monitoring Well
- Other Supply Well
- Extraction Well
- Active IRZ Extraction Well
- Active IRZ Injection Well
- Inactive IRZ Extraction Well
- Inactive IRZ Injection Well
- Approximate Location of Fault Trace is Inferred and There is No Surface Expression (Stamos et al. 2001)
- Eastern Boundary of the Area of Allowable Plume Expansion per the 2015 CAO (Water Board 2015)
- Chromium Concentrations Less than 3.1 µg/L
- Chromium Concentrations Between 3.1 and 10 µg/L
- Chromium Concentrations Between 10 and 50 µg/L
- Chromium Concentrations Between 50 and 100 µg/L
- Chromium Concentrations Between 100 and 500 µg/L
- Chromium Concentrations Between 500 and 1,000 µg/L
- Chromium Concentrations Equal to or Greater than 1,000 µg/L
- Inferred Concentration Contour

NOTES:

CAO = Cleanup and Abatement Order
IRZ= In Situ Reactive Zone
J = Estimated Result
NS = Not Sampled
Water Board = California Regional Water Quality Control Board, Lahontan Region
µg/L = Micrograms per Liter
< = Below Reporting Limit (as shown)
*Remedial wells screened across both shallow and deep zones of the upper aquifer; Data not used in contouring
**Well destroyed by Highway 58 construction
*** Data not used in contouring
+ Total dissolved chromium concentration data not used in contouring
[1] Well dry upon installation and not connected to the injection system

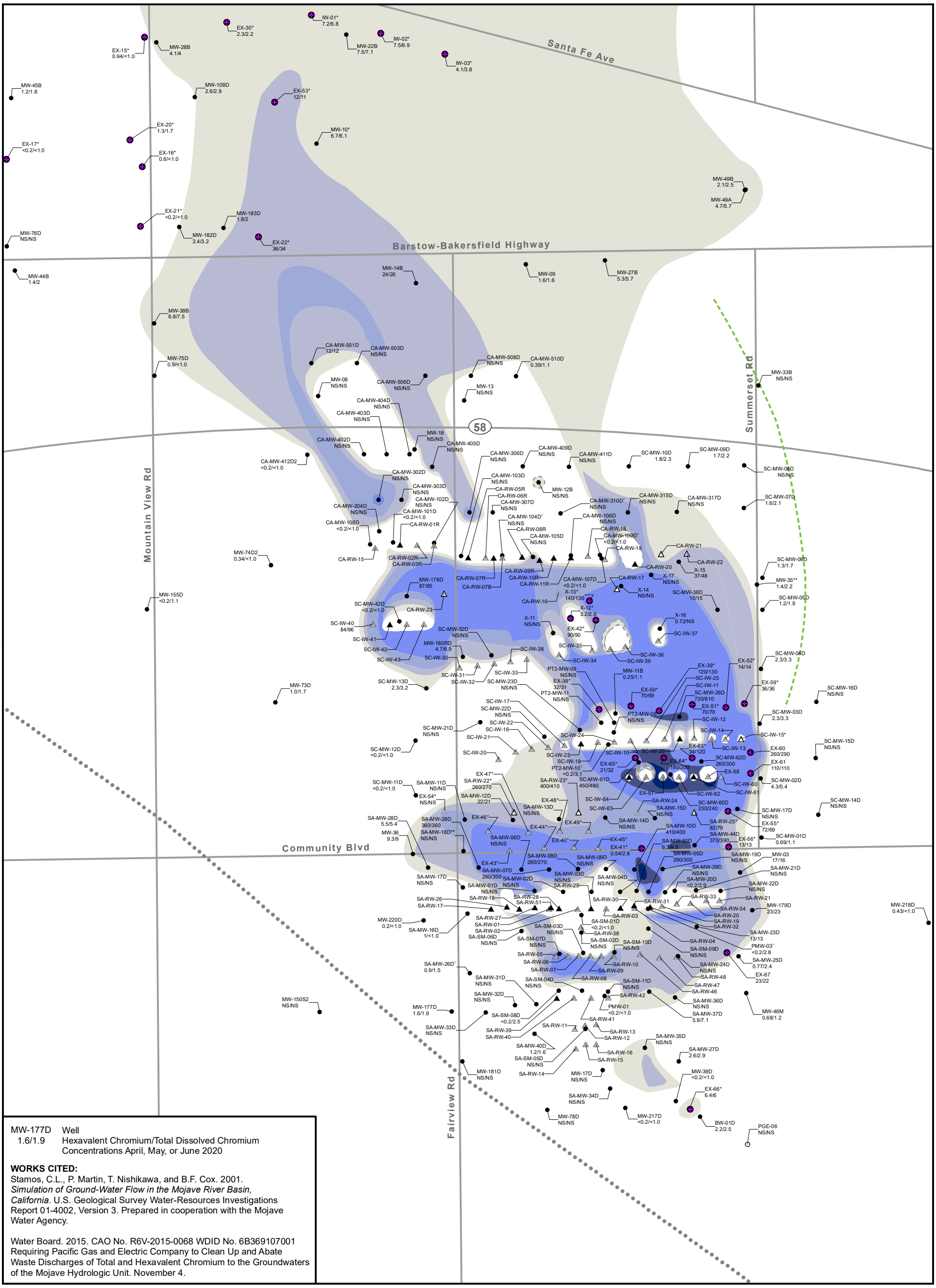
FIGURE 3-2
IRZ AREA TOTAL DISSOLVED CHROMIUM AND HEXAVALENT CHROMIUM CONCENTRATIONS (SHALLOW ZONE OF THE UPPER AQUIFER) SECOND QUARTER 2020

SECOND QUARTER 2020 MONITORING REPORT FOR THE IN SITU REACTIVE ZONE AND NORTHWEST FRESHWATER INJECTION PROJECTS

PACIFIC GAS AND ELECTRIC COMPANY
HINKLEY COMPRESSOR STATION
HINKLEY, CALIFORNIA

N

0 300 600 Feet



MW-177D Well
1.6/1.9 Hexavalent Chromium/Total Dissolved Chromium Concentrations April, May, or June 2020

WORKS CITED:

Stamos, C.L., P. Martin, T. Nishikawa, and B.F. Cox. 2001. *Simulation of Ground-Water Flow in the Mojave River Basin, California*. U.S. Geological Survey Water-Resources Investigations Report 01-4002, Version 3. Prepared in cooperation with the Mojave Water Agency.

Water Board. 2015. CAO No. R6V-2015-0068 WDID No. 6B369107001 Requiring Pacific Gas and Electric Company to Clean Up and Abate Waste Discharges of Total and Hexavalent Chromium to the Groundwaters of the Mojave Hydrologic Unit. November 4.

LEGEND

- Monitoring Well
- Extraction Well
- Other Supply Well
- Active IRZ Extraction Well
- Active IRZ Injection Well
- Inactive IRZ Extraction Well
- Inactive IRZ Injection Well
- Approximate Location of Fault Trace is Inferred and There is No Surface Expression (Stamos et al. 2001)
- Eastern Boundary of the Area of Allowable Plume Expansion per the 2015 CAO (Water Board 2015)
- Chromium Concentrations Less than 3.1 µg/L
- Chromium Concentrations Between 3.1 and 10 µg/L
- Chromium Concentrations Between 10 and 50 µg/L
- Chromium Concentrations Between 50 and 100 µg/L
- Chromium Concentrations Between 100 and 500 µg/L
- Chromium Concentrations Between 500 and 1,000 µg/L
- Chromium Concentrations Equal to or Greater than 1,000 µg/L
- Inferred Concentration Contour

NOTES:
CAO = Cleanup and Abatement Order
IRZ = In Situ Reactive Zone
J = Estimated Result
NS = Not Sampled
Water Board = California Regional Water Quality Control Board, Lahontan Region
µg/L = Micrograms per Liter
< = Below Reporting Limit (as shown)
*Remedial wells screened across both shallow and deep zones of the upper aquifer; Data not used in contouring
**Data not used in contouring
+Total dissolved chromium concentration data not used in contouring

FIGURE 3-3
IRZ AREA TOTAL DISSOLVED CHROMIUM AND HEXAVALENT CHROMIUM CONCENTRATIONS (DEEP ZONE OF THE UPPER AQUIFER) SECOND QUARTER 2020

SECOND QUARTER 2020 MONITORING REPORT FOR THE IN SITU REACTIVE ZONE AND NORTHWEST FRESHWATER INJECTION PROJECTS

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