Preliminary Phase II Environmental Site Assessment

Former Fairway Dry Cleaners and Laundry
1600 Capitola Road
Santa Cruz, California

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17th and Capitola, LP

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Sign-off and Certification Sheets

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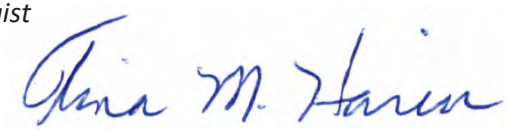

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Abbreviations

Abbreviations	Meaning
APN	Assessor's Parcel Number
bgs	below ground surface
CalEPA	California Environmental Protection Agency
cis-1,2-DCE	cis-1,2-dichloroethene
CCRWQCB	Central Coast Regional Water Quality Control Board
COPCs	Chemicals of potential concern
DOT	Department of Transportation
DTSC	Department of Toxic Substances Control
1,1-DCE	1,1-dichloroethene
DWR	Department of Water Resources
ELAP	Environmental Laboratory Accreditation Program
ESAWP	Environmental Site Assessment Work Plan
ESLs	Environmental Screening Levels
HASP	Health and Safety Plan
MCL	maximum contaminant level
µg/m^3	micrograms per cubic meter
µg/L	micrograms per liter
mg/kg	milligram per kilogram
msl	mean sea level
PCE	tetrachloroethene
PHC	petroleum hydrocarbon compound
PID	Photo-ionization detector
PQLs	Practical Quantitation Limits
PSG	Passive soil gas
Qcl	Colluvium (Holocene)
SCAP	State Cleanup Subaccount Program
SCCEHS	Santa Cruz County Environmental Health Services
SFBRWQCB	San Francisco Bay Regional Water Quality Control Board
TCE	trichloroethene

Abbreviations	Meaning
TDI	Trinity Drilling, Inc.
TPHg	total petroleum hydrocarbon as gasoline
Trans-1,2-DCE	trans-1,2-dichloroethene
USA	Underground Service Alert
USCS	Unified Soil Classification System
UST	Underground Storage Tank
VOC	Volatile Organic Compounds

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1 INTRODUCTION

This Preliminary Phase II Environmental Site Assessment Report (ESAR) has been prepared by Trinity Source Group, Inc. (Trinity) on behalf of the Chang Family Trust (the Client) for the Former Fairway Dry Cleaners and Laundry located at 1600 Capitola Road, in Santa Cruz (the "Site") (Figure 1).

This investigation was performed in general accordance with Trinity's *Preliminary Phase II Environmental Investigation Site Assessment Work Plan* (Work Plan), dated November 30, 2020. The Central Coast Regional Water Quality Control Board (CCRWQCB) approved the ESAWP in a letter dated December 22, 2020. Regulatory correspondence is presented in Appendix A. The Site is listed in the State of California Water Resources Control Board (SWRCB) GeoTracker® environmental database as Fairway Dry Cleaners and Laundry, Case Number T10000015553.

Recent (2020) environmental investigations performed by others in the Site neighborhood indicated the presence of halogenated volatile organic compounds (VOCs) in soil, soil vapor, and groundwater.[a] These investigations, together with the Site's use as a dry cleaning facility, indicate a release of the dry cleaning solvent tetrachloroethene (PCE) to the environment may have occurred.

1.1 Objective

The objective of this investigation was to investigate soil vapor, soil, and groundwater quality to evaluate if a release of PCE occurred from the Site to the environment. The investigation included testing the three media for VOCs.

Based on the findings of the investigation, a preliminary evaluation of environmental risk was evaluated by comparing the results to San Francisco Bay Regional Water Quality Control Board (SFBRWQB) Environmental Screening Levels (ESLs).

[a] Weber-Hayes, 2020.

2 BACKGROUND

2.1 Site Location and Description

The Site is located at 1600 Capitola Road in Santa Cruz, California, and identified by Santa Cruz County Tax Assessor's Parcel Number (APN) 026-741-016 (Figure 2). The rectangular-shaped parcel of land is 137 feet by 370 feet and comprises approximately 1.16 acres. The ground surface at the property slopes gently toward the south-southeast, from an elevation of approximately 83 feet above mean sea level (msl) at the northern boundary of the property (adjacent to Capitola Road), to 79 feet msl at the southern boundary (Figure 2).

The Site is occupied by one single-story building located in the northwest corner of the parcel: the former dry cleaner facility, which now operates as a Wash and Dry (coin operated) laundromat.[b] The building is approximately 42 feet by 48 feet, with an attached 8-foot by 12-foot utility/storage room located at the rear of the building. Utilities from the building run north to Capitola Road (Figure 2).

2.2 Site History

The Site reportedly operated as a dry cleaning facility from approximately 1966 to at least 1984. A Phase II Environmental Site Assessment conducted in 2020 for due diligence purposes indicated the presence of PCE in soil vapor, soil, and groundwater (Weber Hayes, 2020a, b). The former operators of the dry cleaning business are no longer available to provide information on historical chemical use and storage, Site operations, or waste management practices.

2.3 Environmental Setting

2.3.1 Site Vicinity

The Site is located in a predominantly commercial/retail district of Santa Cruz along Capitola Road, within the local Live Oaks residential neighborhood (Figure 2). The Site is located approximately 0.85 mile due west of U.S. Highway 1 and 1.1 miles due east to the Pacific Ocean.

2.3.2 Geology and Hydrogeology

The Site is located within the west facing coastal hillside of Monterey Bay, within the California Coastal Range Geomorphic Province (Coast Range). The Coast Range extends from California's northern border to the Transverse Range in the south and is generally subparallel to the San Andreas Fault. The Coast Range is bounded on the west by the Pacific Ocean and on the east by the Great Valley Geomorphic Province (CGS, 2002). The Coast Range rocks consist

[b] No dry cleaning chemicals are currently used at the Site.

primarily of the Franciscan Complex, a diverse collection of sedimentary and metamorphic rocks accreted during the Late Mesozoic subduction of the Farallon Plate beneath the North American Plate.

According to the U.S. Geological Survey, Soquel Cruz, California 7.5 Minute Topographic Quadrangle Map, the Site lies at an elevation of approximately 80 feet above msl. The topographic slope of the Site and surrounding area is generally to the south-southeast toward Monterey Bay (Figure 1).

The Geologic Map of Santa Cruz County indicates the Site lies upon Pleistocene Coastal Terrace deposits (Qcl). The deposits are described as semi-consolidated, generally well-sorted sand with a few thin, relatively continuous layers of gravel, deposited in a nearshore high-energy environment (Brabb, 1989).

The following general describes the geology at the adjacent 1671 Capitola Road, former Live Oaks Texaco site (Clearwater Group Environmental Services, June 2011).

- The shallow soil was identified as primarily consisting of fine-grained interbedded silts, fine sands, and clays, from the ground surface to depths of between 7 and 13 feet below ground surface (bgs).
- Below, a well-graded sand generally extends to a depth of approximately 20 feet bgs.
- A poorly graded sand is then encountered from 20 feet bgs to at least 45 feet bgs, which is the maximum depth explored in the vicinity of the Site.

Geological conditions are expected to be similar at the Site.

2.4 Previous Environmental Investigations

No previous environmental investigations have been completed at the Site.

3 SCOPE OF WORK

The Scope of Work was conducted in a phased, four-step approach (Step 1 through 4) to evaluate Site conditions and the extent of VOC contamination in Site media. As outlined in the Work Plan, the steps performed in this assessment included:

- Step 1 – Performing a Pre-Field Activities and Utility Survey.
- Step 2 – Performing a Passive Soil Gas (PSG) Survey on-Site and surrounding areas:
    - Installing thirty-nine (39) passive soil gas samplers at exterior locations to evaluate the extent of the PCE vapor plume in the Site vicinity.
    - Analyzing samples for VOCs using U.S. EPA Method 8260C, with numerical conversions from concentrations reported in parts per million by volume (ppmv) to micrograms per cubic meter ($\mu g/m^3$).
- Step 3 – Preliminary Active Soil Vapor, and Sub-Slab Soil Vapor Sampling:
    - Installing and sampling five nested soil vapor probes with screens set at approximately 5 and 15 feet bgs.
    - Installing five sub-slab soil vapor probes (i.e., Vapor Pins®) (SS-1 through SS-5); two sub-slab vapor pins were installed at the on-Site building and three sub-slab vapor pins were installed at the adjacent grocery store located at 1668 Capitola Road.
    - Collecting soil vapor samples from the ten (10) active soil vapor probes and five (5) sub-slab probes using 1-liter Summa® canisters for analyses of VOCs using U.S. EPA Method TO-15 by an off-site, California certified analytical laboratory. One duplicate soil vapor sample and one duplicate sub-slab soil vapor sample were collected for quality control purposes.
- Step 4 – Soil and Groundwater Assessment:
    - Advancing five (5) borings to depths of approximately 20 to 30 feet bgs using the direct-push method.
    - Collecting up to three soil samples per borehole for VOC analyses by U.S. EPA Method 8260B.
    - Collecting one grab-groundwater sample from each borehole for VOC analyses by U.S. EPA Method 8260B.

The sub-sab soil vapor sampling was conducted in general accordance with the following California Environmental Protection Agency (CalEPA), Department of Toxic Substances Control (DTSC) documents:

- *DTSC Advisory - Active Soil Gas Investigations* (July 2011).

The following sections outline the Scope of Work. Field investigation activities associated with Steps 2 through 4 are described in Section 4.

3.1 Step 1: Pre-Field Activities and Utility Survey

Trinity conducted the following pre-field activities prior to conducting the proposed phased field activities.

3.1.1 Health and Safety - HASP Preparation

A Site-specific Health and Safety Plan (HASP) was prepared and utilized in accordance with 29 CFR 1910.120 and Title 8 California Code of Regulations Section 5192, to address potential hazards at the Site during the proposed field activities. The HASP was reviewed, signed, and adhered to by all onsite personnel including field staff, subcontractors, and Site visitors during the performance of the fieldwork.

The HASP included objectives, assessments of potential hazards which may be encountered at the Site, personal protective equipment and monitoring, Site organization, and emergency contacts. The HASP remained onsite during all fieldwork.

3.1.2 USA-Alert and Utility Locating

Trinity contacted Underground Service Alert (USA) at least 72-hours prior to the start of fieldwork to notify local utilities of the planned work. Additionally, a private utility locator performed an independent survey of onsite subsurface utilities and/or obstructions that may be encountered during drilling (Figure 3).

3.1.3 Site Access, Permitting, and Notifications

Trinity obtained the following permits:

- An encroachment permit was acquired from City of Santa Cruz Department of Public Works (Permit # 21-026).
- Soil vapor probe installation permits were acquired from the Santa Cruz County Environmental Health Services (SCCEHS) (Permit #SM21-020 through -024).

Permits are presented in Appendix B.

Trinity made the following notifications prior to conducting field activities:

- Property owners and/or their tenants were notified at least five days in advance of select fieldwork in accordance with the Site access agreement(s).
- Local businesses were notified of work.
- CCRWQCB was notified in advance of the field investigation activities.
- City and County inspectors were notified in advance of select fieldwork in accordance with the permit requirements.

3.1.4 Subsurface Utility Survey

Trinity conducted an underground utility survey and prepared a detailed utility map (Figure 2). Additionally, Trinity contracted with Coast Wide Utility Locators, LLC of Felton, California to conduct subsurface utility locating at the Site. The resulting utility map provided guidance for siting passive soil gas sampling locations, and assisted in the identification of possible preferential pathways for vapor migration.

3.1.5 Neighborhood Drinking Water Well Survey

During the performance of field activities, Trinity staff canvassed the Harper Street residences to identify domestic water supply wells on their properties. Few resident responses were received and no resident formally acknowledged the presence of a water supply well on their property.

Based on the Department of Water Resources (DWR) record review performed by others (WHA, 2020 a, b), water supply wells may be present within a 2,000 feet radius of the Site. The water supply wells, if present, may represent a potential sensitive receptor that should be evaluated.

3.2 Field Activities

The following sections summarize the field investigation activities conducted in January through March 2021. Additional information on field procedures is provided in Appendix C.

3.2.1 Step -2: Passive Soil Gas Survey

Step 2 included performing a PSG survey. The PSG locations are shown on Figure 2. This phase of the investigation was performed to evaluate the general distribution of VOCs in soil vapor in the Site vicinity. All PSG samplers were shipped to Beacon Environmental Services, Inc. (Beacon) (Department of Defense ELAP Accreditation #72690) located in Forest Hill, Maryland for analyses.

3.2.2 Step 3: Active Soil Vapor Survey

Step 3 involved installation of dual-nested soil vapor probes screened at 5 and 15 feet bgs (Figure 2). The probes were co-located with the soil boreholes (Figure 2). The purpose of the soil vapor probes was to evaluate the flux of PCE vapors emanating from soil and groundwater impacts. The active soil vapor samples were sent to Torrent Laboratory, Inc. (Torrent) of Milpitas, California, a State-certified laboratory (ELAP #1991) for analyses of VOCs using EPA Method TO-15.

3.2.3 Step 4: Soil and Groundwater Assessment

Step 4 was performed to evaluate subsurface conditions (i.e., lithology, soil, and groundwater quality) and to investigate the distribution of VOCs in Site vicinity (Figure 2). All soil and groundwater samples were delivered to Torrent for analysis of VOCs using EPA Method 8260B.

4 FIELD INVESTIGATION

The following sections briefly describe field investigation activities associated with Steps 2 through 4 of the investigation. The investigation sample location points for soil gas, sub-slab soil vapor, soil, and groundwater are presented on Figure 2. Field activities were conducted under the supervision of a California registered Professional Geologist (PG) or Professional Engineer (PE).

4.1 Step 2: Passive Soil Gas Survey

Trinity mobilized to the Site on January 20, 2021 to install thirty-nine (39) PSG samplers, and returned to the Site on February 3, 2021 to retrieve the samplers. Upon retrieval, the sample containers were labeled with identifying and sampling information, entered on a chain-of-custody document, packaged, and shipped to Beacon for analytical testing. Each borehole was backfilled with Portland cement and locations in paved area were capped with concrete to match the exiting grade.

The PSG samplers were installed in shallow soil at approximately 1 to 2 feet bgs in accordance with the installation and retrieval procedures provided by Beacon. Nine (9) out of 39 PSG samplers were installed along the main sanitary sewer lateral in Capitola Road.

Trinity submitted two trip blank and one duplicate PSG samplers for quality assurance/quality control (QA/QC) purposes (Table 1).

4.2 Step 3a: Active Sub-Slab Soil Vapor Sampling

On March 1, 2021 Trinity installed five (5) sub-slab vapor probes (i.e., Vapor Pin®) (SS-1 through SS-5) to evaluate potential concentrations of VOCs beneath the slab. Two (2) of the sub-slab vapor probes (SS-1 and SS-2) were installed in the Fairway Wash and Dry laundromat (1600 Capitola Road) and three of the sub-slab vapor probes (SS-3 through SS-5) were installed in Live Oak Supermarket (1668 Capitola Road), as shown in Figure 2. Trinity installed the probes in a manner consistent with DTSC guidance (DTSC, 2011). Installation procedures are presented in Appendix C.

The sub-slab vapor probes were sampled on March 2, 2021. Trinity collected one duplicate sample at SS-5 for QA/QC purposes (Table 2). Isopropyl alcohol (IPA) was used as a leak-check compound during sampling. Purge volume calculations and field data sheets are included in Appendix D. Sub-slab vapor samples were analyzed by Torrent using EPA Method TO-15. Data quality objectives for the sub-slab vapor samples included the minimum reporting limits to meet residential and commercial land use ESLs.

Following sample collection, all five sub-slab vapor probe boreholes were destroyed by removing sampling equipment and backfilling the borehole with neat cement grout.

4.3 Step 3b: Active Soil Vapor Sampling

On March 1 and 2, 2021 Trinity installed five (5) nested soil vapor probes (SVP-1 through SVP-5) that were collocated to the soil borings locations (Figure 2). Probes were installed by Trinity Drilling, Inc. (TDI), a California C-57-licensed driller using a direct-push GeoProbe® drill rig equipped with nominal 2.25-inch diameter core barrel. Nested soil vapor probes were installed with screens placed at 5 and 15 feet bgs.

Soil vapor probes were sampled at least two hours after the probe installation. One duplicate soil vapor sample was collected at probe SVP-1 for quality control purposes. IPA was used as a leak-check compound during sampling. Field data sheets are presented in Appendix D. Purge volume calculations and field data sheets are included in Appendix D.

Soil vapor probes were completed with traffic-rated well vaults. A SCCEHS inspector was present to witness soil vapor probe constructions.

4.4 Step 4: Soil and Grab Groundwater Assessment

Between March 1 and 5, 2021, Trinity (TDI) advanced five (5) soil borings (SB-1 through SB-5) to groundwater using direct-push technology to collect soil and grab-groundwater samples (Figure 2). The depth-to-groundwater was observed between 19.90 and 25.57 feet bgs. To the extent possible, the borehole locations were situated to capture the anticipated groundwater flow direction to the south from the on-Site building and the suspected release point.

4.4.1 Borehole Drilling and Soil Sample Collection

The soil borings were advanced using a direct-push GeoProbe® drill rig equipped with nominal 2.25-inch diameter core barrel lined with acetate liners for retaining soil core. The maximum depth explored was approximately 30 feet bgs. The retrieved soil core was screened for VOCs using a photo-ionizing detector (PID) and select depth intervals of soil core were retained for laboratory analysis based of field screening. Soil core was logged by a Trinity geologist for lithology using the Unified Soil Classification System (USCS). Soil boring logs are presented in Appendix E.

Soil core selected for analysis was collected from the acetate liners and preserved using the Terra Core® method utilizing a single-use plunger which removes a predetermined volume of soil. The sub-sample was then extruded into laboratory-supplied TerraCore® preservation vials following U.S. EPA Method 5035A sampling protocols, properly labeled and then placed in an ice-filled cooler for transport to the laboratory under chain-of-custody documentation.

4.4.2 Grab-Groundwater Sampling

The soil borings were advanced up to three feet into groundwater and a temporary well casing with a 5-foot screen at the bottom was inserted into the borehole to allow for the collection of a grab-groundwater sample. Grab-groundwater samples were collected using a peristaltic pump with new clean tubing.

The groundwater samples were poured directly into laboratory-supplied containers (i.e., 40-ml VOA bottles preserved with hydrochloric acid) and were properly labeled and placed in an ice-filled cooler for transport to Torrent under chain-of-custody documentation for laboratory analyses. Grab-groundwater samples were analyzed for VOCs using U.S. EPA Method 8260B.

4.5 GeoTracker Uploads

Soil vapor, soil, and grab-groundwater laboratory analytical data from this investigation have been uploaded to the California State GeoTracker database. A copy of the laboratory analytical reports and GeoTracker upload confirmations are included in Appendix F.

4.6 Investigation-Derived Waste Handling and Disposal

Soil cuttings, decontamination water, and purged groundwater from the Site assessment were stored on the Site in properly labeled Department of Transportation (DOT) 55-gallon drums pending waste characterization. Site investigation results were used for waste profiling. On April 15 2021, the investigation-derived waste was off-hauled by a licensed contractor, Costera Waste and Environmental, Inc. of San Francisco, California, and properly disposed off-Site at US Ecology Nevada. Waste disposal manifests are presented in Appendix G.

4.7 Deviations from the Work Plan

Deviations from the field activities proposed in the Work Plan are described below:

- Two (2) sub-slab probes were installed in the laundromat building and three (3) sub-slab soil gas probes were installed in Live Oak Supermarket.
- Soil boing SB-4 and soil vapor probe SVP-4 were moved to the northern part of the property based on the passive soil vapor results.
- Grab-groundwater trip blank and duplicate samples were not collected during this investigation.

5 FINDINGS

The findings from this Preliminary Phase II Environmental Site Assessment are discussed below.

5.1 Utility Survey Results and Assessment of Possible Preferential Pathways

As shown on Figure 3, Coast Wide Utility Locators identified the approximate locations of electric, gas, water, sanitary sewer, and telecommunication lines at the Site and along the Site perimeter. The electrical, gas and sanitary sewer lines run along the western side of the laundromat building. The sanitary sewer line appears to be approximately 3 feet bgs at the Site and connects to the main sanitary sewer line beneath Capitola Road at approximately 5.5 feet bgs. Five sanitary sewer lateral cleanouts were located along the western side of the laundromat. The City main sanitary sewer line flows from West to East along Capitola Road. An old concrete-filled drain was identified at the southwest corner of the laundromat. No sump pumps were identified during the survey. An abandoned gas pipe line was detected in the ground on the western side of the building.

5.2 Subsurface Conditions

The description of Site geology discussed below is based on cores obtained from boreholes SB-1 through SB-5, each of which extended to 30 feet bgs:

- Near-surface soil to 0.5-foot bgs consisted of black organic sandy clay.
- From 0.5 to 10 feet bgs, a yellowish brown silt and sandy clay with abundant orange mottling was observed.
- An interval of pale brown very hard silt and clay occurs at 5 feet bgs.
- The interval from 10 to 30 feet bgs is predominantly yellowish brown sand and silty sand with layers of gravel and clayey sand. The sand is predominantly well graded, fine to coarse grained, with a mixture of sub-rounded and sub-angular gravels.

First-encountered groundwater was observed at approximately 20 feet bgs. The horizon at which the water table was encountered appears associated with heavy orange mottling and mica. Boring logs are presented in Appendix E.

5.3 Summary of Laboratory Analytical Results

5.3.1 Passive Soil Gas Samples

Passive soil gas analytical results are presented in Table 1 and on Figure 4. PCE, trichloroethene (TCE), vinyl chloride, and ethylbenzene detections are presented in Beacon's laboratory report provided in Appendix F.

The PSG analytical results were compared to SFBRWQCB ESLs for soil vapor in residential and commercial scenarios, as summarized below:

Site Chemicals of Potential Concern (COPCs)[c]

- PCE was detected in thirty-four (34) samples (including one duplicate sample) at concentrations ranging from 1.97 to 15,600 µg/m^3 (maximum concentration detected at PSG24) (Figure 4). PCE exceeded the Residential ESL of 15 µg/m^3 in twenty-two (22) samples and the Commercial ESL of 67 µg/m^3 in seventeen (17) samples.
- TCE was detected in twenty-nine (29) samples (including one duplicate sample) at concentrations ranging from 1.84 to 924 µg/m^3 (maximum concentration detected at PSG24). TCE exceeded the Residential ESL of 16 µg/m^3 in twenty-one (21) samples and the Commercial ESL of 100 µg/m^3 in eight (8) samples.
- 1,1-Dichloroethene (1,1-DCE) was detected in eleven (11) samples at concentrations ranging from 1.54 to 18.1 µg/m^3 (maximum concentration detected at PSG6). No ESLs were exceeded.
- cis-1,2-Dichloroethene (cis-1,2-DCE) was detected in twenty-two (22) samples (including one duplicate) at concentrations ranging from 1.01 to 735 µg/m^3 (maximum concentration detected at PSG8). cis-1,2-DCE exceeded the Residential ESL of 280 µg/m^3 in three (3) samples. None of the concentrations exceeded the Commercial ESLs of 1,200 µg/m^3.
- trans-1,2-Dichloroethene (trans-1,2-DCE) was detected in fourteen (14) samples at concentrations ranging from 1.30 to 341 µg/m^3 (maximum concentration detected at PSG6). No ESLs were exceeded.
- Vinyl chloride was detected in seven (7) samples at concentrations ranging from 1.24 to 301 µg/m^3 (maximum concentration detected at PSG8). Vinyl chloride exceeded the Residential ESL of 0.32 µg/m^3 in seven (7) samples, and the Commercial ESL of 5.2 µg/m^3 in five (5) samples.[d]

[c] Site COPCs are defined as chemicals likely related to historical dry cleaning activities.
[d] The passive soil gas samplers where vinyl chloride was detected were installed along the main sanitary sewer lateral that runs along Capitola Road.

Other Chemicals

- Total petroleum hydrocarbons (TPH) as gasoline (TPHg) was detected in seventeen (17) samples at concentrations ranging from 1,020 to 22,200 µg/m^3 (maximum concentration detected at PSG6). TPHg exceeded the Residential ESL of 12,000 µg/m^3 in two samples, but did not exceed the Commercial ESL of 83,000 µg/m^3.
- TPH as diesel (TPHd) was detected in nineteen (19) samples (including one duplicate sample) at concentrations ranging from 377 to 4,110 µg/m^3 (maximum concentration detected at PSG3). No ESLs were exceeded.
- Benzene was detected in eighteen (18) samples (including one duplicate sample) at concentrations ranging from 2.67 to 65.7 µg/m^3 (maximum concentration detected at PSG6). Benzene exceeded the Residential ESL of 3.0 µg/m^3 in fifteen (15) samples and the Commercial ESL of 14 µg/m^3 in four (4) samples.
- Ethylbenzene was detected in twenty-four (24) samples (including one duplicate sample) at concentrations ranging from 3.80 to 191 µg/m^3 (maximum concentration detected at PSG3). Ethylbenzene exceeded the Residential ESL of 37 µg/m^3 in nine (9) samples and the Commercial ESL of 160 µg/m^3 in one (1) sample.
- Naphthalene was detected in five (5) samples at concentrations ranging from 1.82 to 5.23 µg/m^3 (maximum concentration detected at PSG5). Naphthalene exceeded the Residential ESL of 2.8 µg/m^3 in four (4) samples. None of the concentrations exceeded the Commercial ESL of 12 µg/m^3.
- Chloroform was detected in six (6) samples at concentrations ranging from 1.61 to 6.62 µg/m^3 (maximum concentration detected at PSG31). Chloroform exceeded the Residential ESL of 4.1 µg/m^3 in two (2) samples. None of the concentrations exceeded the Commercial ESL of 18 µg/m^3.
- 1,4-Dioxane was detected in two (2) samples at concentrations of 14.4 µg/m^3 in PSG15 and 22.8 µg/m^3 in PSG23. 1,4-Dioxane exceeded the Residential ESL of 12 µg/m^3 in both samples. None of the concentrations exceeded the Commercial ESL of 53 µg/m^3.
- 1,1-Dichloroethane, 1,2,4-trimethylbenzene, 1,3,5-trimethylbenzene, 2-methylnaphthalene, isopropyl benzene, *o*-xylenes, *p,m*-xylenes, and toluene were detected above their respective reporting limits in numerous PSG samplers, but at concentrations that did not exceed their respective ESLs.

5.3.2 Sub-Slab Soil Vapor Samples

Sub-slab soil vapor analytical results are presented in Table 2 and on Figure 5. The results were compared to the SFBRWQCB ESLs for soil vapor in residential and commercial scenarios, as summarized below:

Site COPCs

- PCE was detected in six (6) samples (including one duplicate sample) at concentrations ranging from 930 to 2,700,000 µg/m^3 (maximum concentration detected at SS-2) (Figure 5). All PCE detections exceeded the Commercial ESL of 67 µg/m^3.
- Chloroform was detected in one (1) sample, SS-4, at concentration of 33 µg/m^3, exceeding the Commercial ESL of 18 µg/m^3.

Other Chemicals

- Acetone, toluene, tert-butyl alcohol, *o*-xylenes, *m,p*-xylenes were detected in two samples, SS-3 and SS-4, at various concentrations. No ESLs were exceeded.
- Toluene was detected in one (1) sample SS-3 at concentration of 21 µg/m^3. No ESLs were exceeded.

5.3.3 Soil Vapor Probe Samples

Soil vapor probe analytical results for samples collected from five (5) vapor probes (SVP-1 through SVP-5) are presented in Table 3 and on Figures 5 and 6. The results were compared to the SFBRWQCB ESLs for soil vapor in residential and commercial scenarios, as summarized below:

Site COPCs

- PCE was detected in eleven (11) samples (including one duplicate sample) at concentrations ranging from 36 to 4,600,000 µg/m^3 (maximum concentration detected at SVP-1 at 15 feet bgs) (Figure 6). PCE detections exceeded the Residential ESL of 15 µg/m^3 in two (2) samples and the Commercial ESL of 67 µg/m^3 in nine (9) samples.

Other Chemicals

- Benzene was detected in three (3) samples at concentrations ranging from 4.4 to 62 µg/m^3 (maximum concentration detected at SVP-2 at 5 feet bgs). Benzene concentrations exceeded the Residential ESL of 3.2 µg/m^3 in two (2) samples and the Commercial ESL of 14 µg/m^3 one (1) sample.
- Ethylbenzene was detected in three (3) samples at concentrations ranging from 4.3 µg/m^3 to 55 µg/m^3 (maximum concentration detected at SVP-2 at 5 feet bgs). Ethylbenzene exceeded the Residential ESL of 37 µg/m^3 in one (1) sample SVP-2-5. No samples exceeded the Commercial ESL of 160 µg/m^3.
- Chloroform was detected in two (2) samples, SVP-3-5 and SVP-4-5, at concentrations of 47 µg/m^3 and 29 µg/m^3, respectively. Chloroform exceeded the Residential ESL of 4.1 µg/m^3 and the Commercial ESL of 18 µg/m^3 in two (2) samples.
- Naphthalene was detected in one (1) sample SVP-3-15 at a concentration of 3.8 µg/m^3. Naphthalene exceeded the Residential ESL of 2.8 µg/m^3, but was below the Commercial ESL of 12 µg/m^3.

5.4 Soil Sampling Results

Soil analytical results for samples from five borings (SB-1 through SB-5) are presented in Table 4. The results were compared to the SFBRWQCB ESLs for soil in residential and commercial scenarios, as summarized below:

- PCE was detected in nine (9) samples at concentrations ranging from 0.0117 milligrams per kilogram (mg/kg) to 0.297 mg/kg (maximum concentration detected at SB-1 at 18 feet bgs). No ESLs were exceeded.
- No other VOCs were detected at or above laboratory reported practical quantitation limits (PQLs) in any of the soil samples.

5.5 Grab-Groundwater Sampling Results

Grab-groundwater analytical results for five samples (GGW-1 through GGW-5) are presented in Table 5 and on Figure 7, as summarized below:

- PCE was detected in five (5) samples at concentrations ranging from 32 to 150 micrograms per liter (µg/L) (maximum concentration detected at GW-3). PCE exceeded the SFBRWQCB/ State of California Maximum Contaminant Level (MCL) for drinking water of 5.0 µg/L in all five samples.
- cis-1,2-DCE was detected in one (1) sample, GW-3, at concentration of 0.63 µg/L, below the SFBRWQCB MCL of 6.0 µg/L.

5.6 Discussion

The PSG results indicate the survey area is impacted by a release of chlorinated solvents likely related to historical dry cleaning activities. Additionally, a release of petroleum hydrocarbon compounds associated with the gasoline station located upgradient and northwest of the Site appears to have impacted soil vapor in the Site vicinity.

Passive soil gas survey and shallow soil vapor data indicated high concentrations of PCE near and below the laundromat building (Figures 4, 5, and 6). TCE, 1,1,-DCE, cis-1,2-DCE trans-1,2-DCE and/or vinyl chloride were detected in various passive soil gas samples and represent the breakdown of PCE to daughter compounds. PCE, TCE, cis-1,2-DCE, and vinyl chloride concentrations exceeded Residential and Commercial ESLs in some samples.

Reporting limits in samples from vapor probes SVP-1-15, SVP-2-15, SVP-4-15, and SVP-5-15 were raised due to sample dilutions as a result of the samples containing at least one elevated concentration of a VOC relative to other VOCs in the samples. In general, concentrations of VOCs

detected in soil vapor samples at 15 feet bgs are higher than at their co-located shallower 5-foot deep probe samples. Based on the trend of higher PCE soil vapor concentrations from samples collected nearest to groundwater, the source of VOCs in soil vapor downgradient of the Site building may be associated with volatilization of VOCs from groundwater.

PCE and cis-1,2-DCE were the only VOCs detected in soil samples and these compounds were detected at concentrations below their respective Residential and Commercial ESLs. The detected concentrations do not indicate a likely source area at the locations sampled.

PCE was detected in all grab-groundwater samples at concentrations above the MCL. As shown on Figure 7, PCE concentrations appear to be highest (over 100 µg/L) in the assumed downgradient direction with respect to groundwater flow (i.e., to the south-southeast). The PCE concentrations increase downgradient from the former dry cleaner. The highest concentration of PCE of 150 µg/L was detected in GW-5, located on the southwest corner of the property and near the residences on Harper Street. Based on the analytical results, the extent of VOCs in groundwater has not been defined to the west and south from the Site.

As stated, the investigation identified the presence of petroleum hydrocarbons in the subsurface. Their presence is not likely related to historical dry cleaning activities at the Site, and likely result from a release(s) at the nearby gasoline station (1671 Capitola Road) located approximately 500 feet northeast-east of the Site building. The off-Site Live Oak Service station is identified on GeoTracker as number T0608700286– and the case file was closed in 2013.

6 CONCLUSIONS

Based on the results of this preliminary Phase II Environmental Site Assessment, Trinity makes the following conclusions:

- Based on the utility survey, several utilities are present on the Site that may represent potential conduits for transport of PCE and/or associated degradation products. The utilities include:
    - A sanitary sewer lateral on the west side of the Site building that extends to the north to the main line along the center of Capitola Road.
    - A water line in the center of the Site building that extends to the north to the City main water line along the center of Capitola Road.
    - A gas line on the west side of the Site that extends to the north on Capitola Road.
- PCE (and one or more of the five degradation products: TCE, 1,1-DCE, cis-1,2-DCE, trans-1,2-DCE, and vinyl chloride) was detected in all media sampled: soil vapor, soil, and groundwater. The source of the PCE appears to be former dry cleaning activities at the Site. Collectively, the data support that a release of PCE has occurred on the Site at or near the utility room of the on-Site building.
- The distribution of PCE above the Residential ESL for soil vapor is defined to the west and southwest of the Site, but not to the south, southeast, or east. Elevated PCE concentrations above the Commercial ESL are present beneath the Site building, and to the east (at 1668 Capitola Road; SS-3, SS-4, and SS-5) (Figures 4, 5, and 6). PCE concentrations in soil vapor increase with depth.
- The distribution of PCE in soil appears to be limited, and a likely source area has not been specifically identified at the locations sampled based on the soil results.
- PCE was detected in all grab-groundwater samples at concentrations above the MCL. PCE concentrations appear to be highest (over 100 µg/L) in the assumed downgradient direction with respect to groundwater flow (i.e., to the south-southeast) (Figure 7). The lateral and vertical distribution of chlorinated VOCs have not been delineated.
- A release of non-dry cleaning related chemicals (petroleum hydrocarbon compounds) appears to have impacted soil vapor in the Site vicinity. The petroleum hydrocarbons are likely associated with the gasoline station located upgradient and northwest of the Site.

7 RECOMMENDATIONS

Trinity recommends:

- Additional evaluation of soil vapor in off-Site subsurface utility trenches along Capitola Road and 17th Avenue east of the Site to evaluate if the sewer has acted as a potential conduit for the transport of COPCs.
- Additional investigation of soil vapor to the east and southeast of the Site to establish evaluate potential risks of vapor intrusion into nearby property buildings.
- Additional investigation of groundwater to establish the lateral and vertical extent of impacts to groundwater.

8 REFERENCES

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DTSC, 2011: *Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air (Vapor Intrusion Guidance)*. October.

DTSC 2020: *HHRA Note 3*. July.

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Clearwater Group Environmental Services: *Site Conceptual Model*. Former Live Oak Service Station, 1671 Capitola Road, Santa Cruz, California. June 2011.

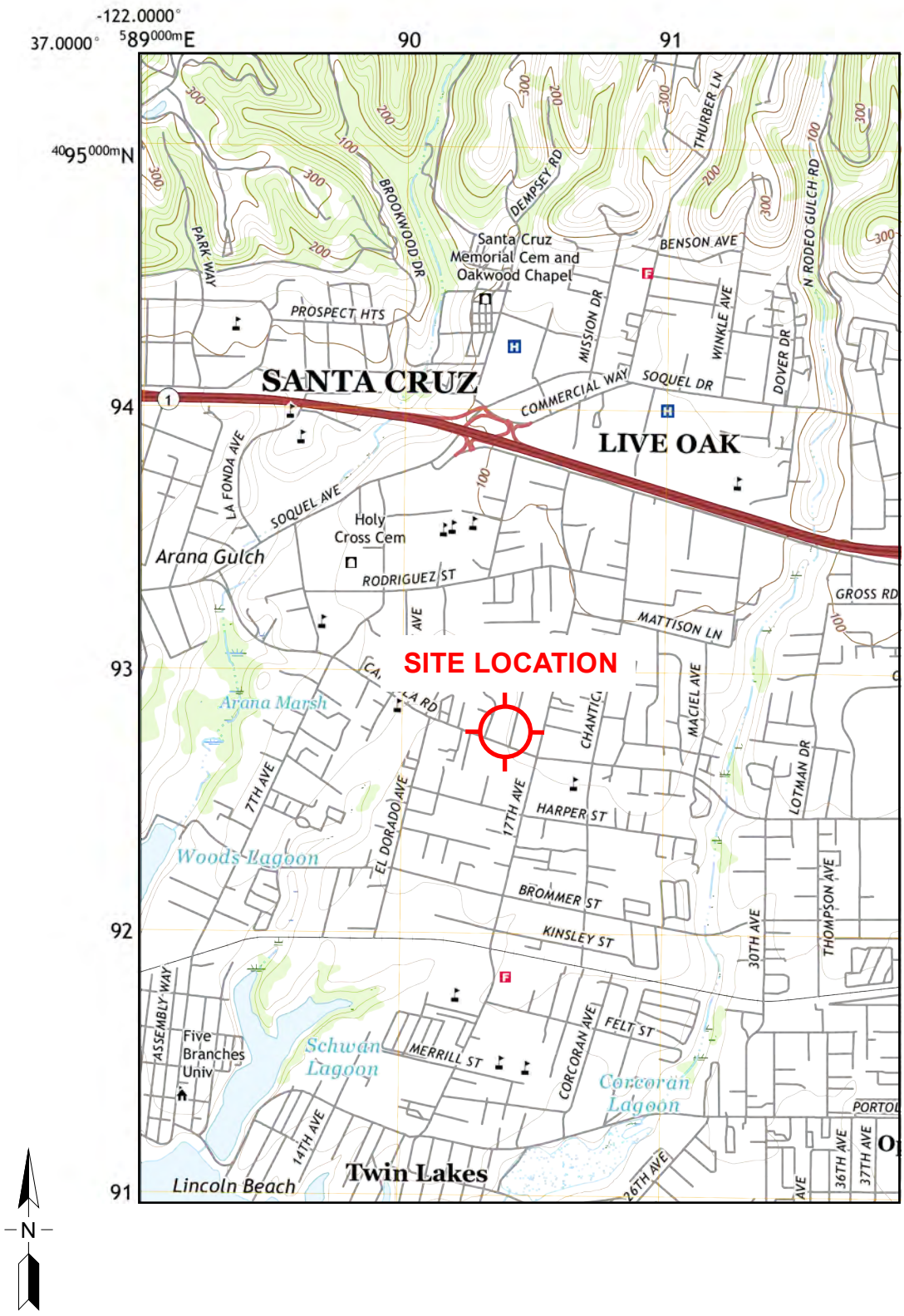
Weber-Hayes and Associates (WHA), 2020a: *Expedited Site Characterization for an Imminent Multi-Use Development, County of Santa Cruz Redevelopment Parcels*, 1412, 1438, 1500 and 1514 Capitola Road, Santa Cruz. February 17.

WHA, 2020b: *Data Submittal Package: Soil Vapor, Groundwater and Soil Sample Results*, County of Santa Cruz Redevelopment Parcels, 1412, 1438, 1500 and 1514 Capitola Road, Santa Cruz. April 16.

Figures

Figures supporting this report are listed below and presented on the following pages.

Figure 1 Site Location Map
Figure 2 Site Map
Figure 3 Underground Utility Map
Figure 4 Passive Soil Vapor PCE Concentration Map
Figure 5 Sub-Slab Vapor and Soil Vapor at 5 Feet PCE Isoconcentration Map
Figure 6 Soil Vapor at 15 Feet PCE Isoconcentration Map
Figure 7 Groundwater PCE Isoconcentration Map



Source: USGS 7.5-Minute Quadrangle, Soquel

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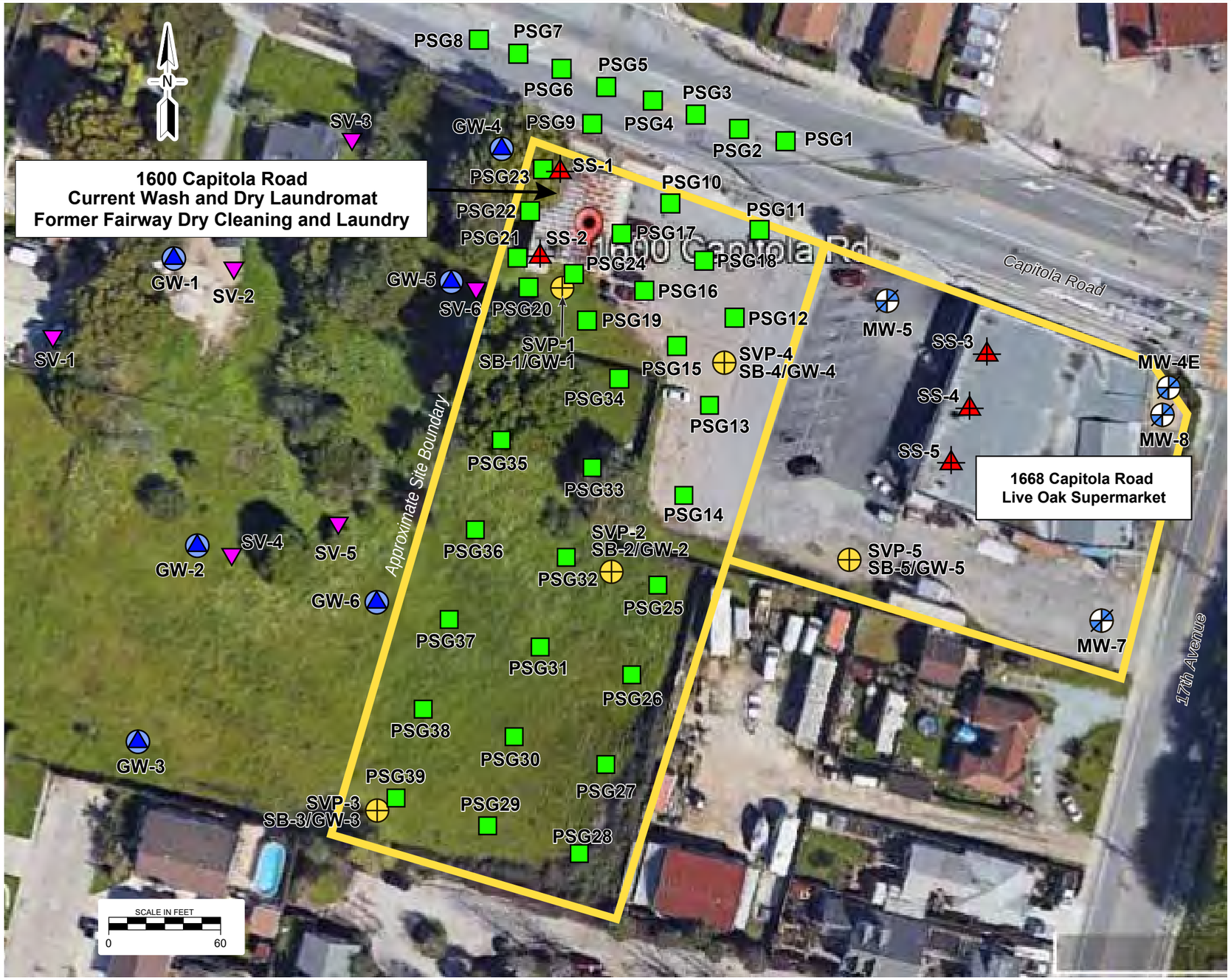
SITE LOCATION MAP

1600 Capitola Road
Santa Cruz, California

PROJECT:
575.002.002

FIGURE:
1



Legend

PSG1 Beacon Passive Soil Vapor Sample Location (Trinity, February 2021)

SVP-1 SB-1/GW-1 Co-located 5'/15' Permanent Soil Vapor Probes and Soil Boring with Grab-Groundwater Sample (Trinity, March 2021)

SS-1 Sub-Slab Vapor Probe (Trinity, March 2021)

SV-1 Soil Vapor Probe at 5 Feet BGS (Weber-Hayes, April 2020)

GW-1 Soil Boring with Grab-Groundwater Sample (Weber-Hayes, April 2020)

MW-5 Destroyed Monitoring Well Location (AES, March 2012)

Approximate Shallow Groundwater Flow Direction
(Based on Wells at 1671 Capitola Road)

V10

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SITE MAP
Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

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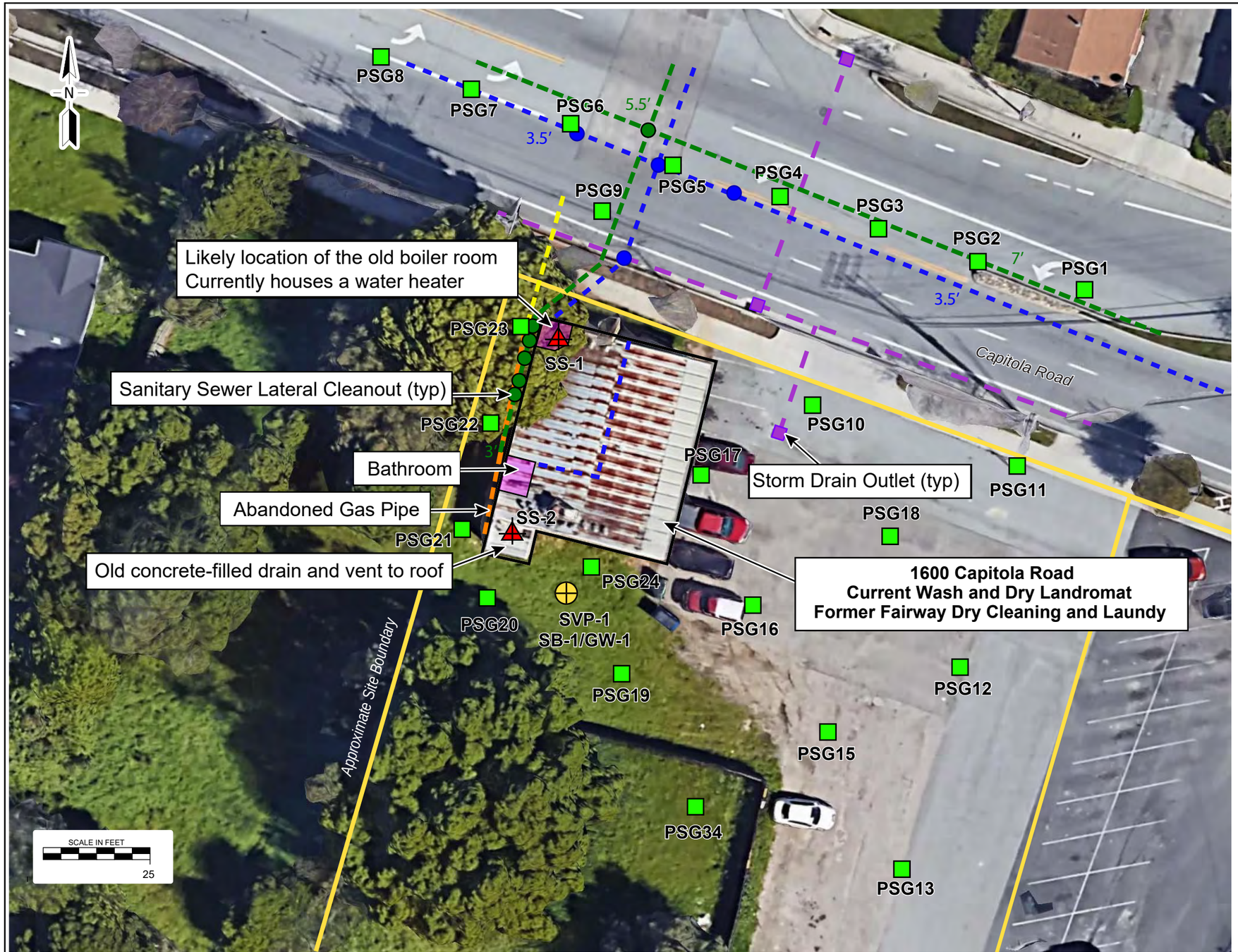
FIGURE: 2



Legend

- **PSG1** — Beacon Passive Soil Vapor Sample Location (Trinity, February 2021)
- **SVP-1 / SB-1/GW-1** — Co-located 5'/15' Permanent Soil Vapor Probes and Soil Boring with Grab-Groundwater Sample (Trinity, March 2021)
- **SS-1** — Sub-Slab Vapor Probe (Trinity, March 2021)
- Sewer Line
- Water Line
- Gas Line
- Storm Drain Line

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UNDERGROUND UTILITY MAP

Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
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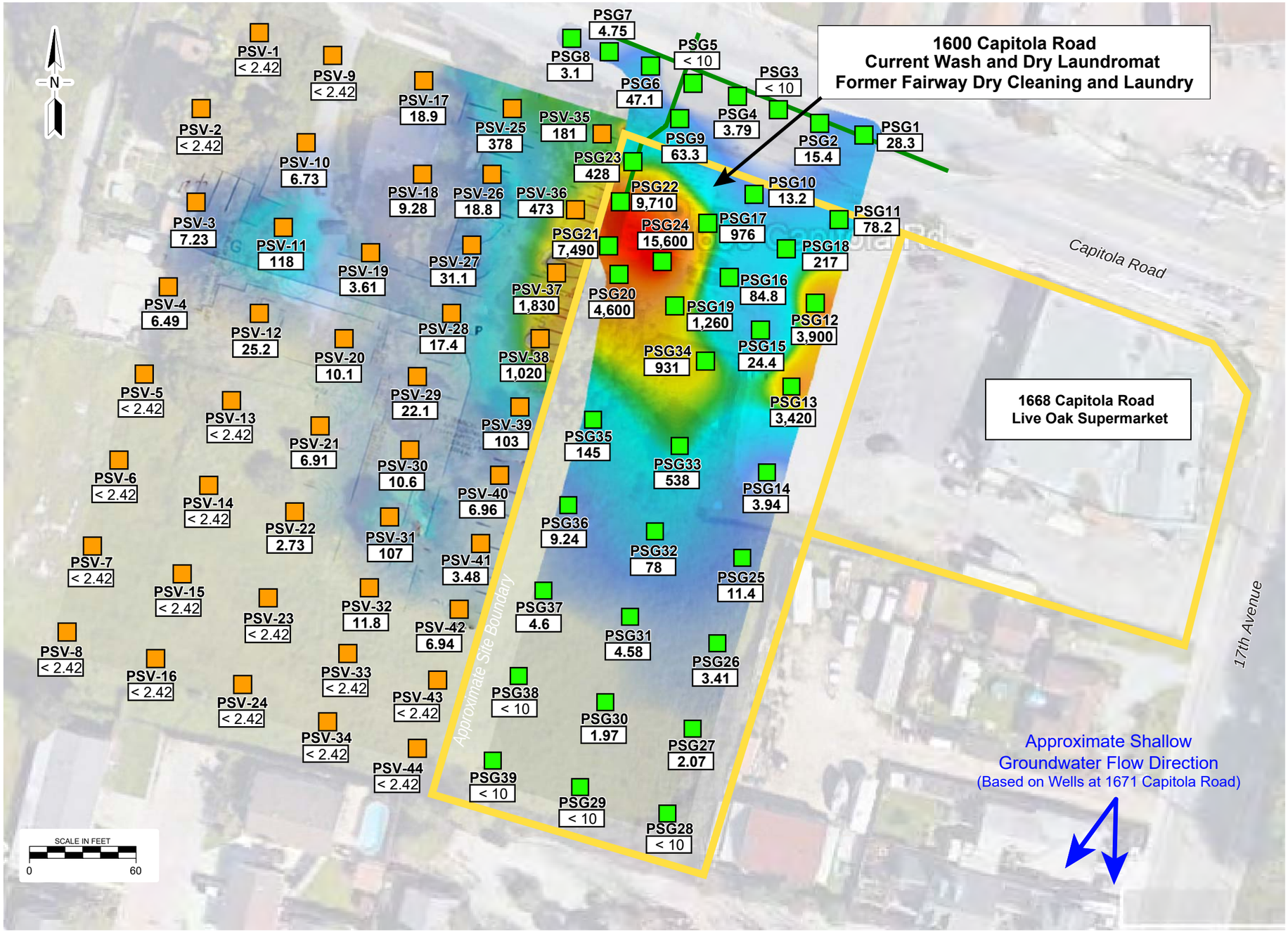
FIGURE: 3



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PASSIVE SOIL VAPOR PCE CONCENTRATION MAP

Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

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FIGURE: 4

Legend

SS-1	Sub-Slab Vapor Probe (Trinity, March 2021)
SVP-1-5	Soil Vapor Probe at 5 Feet BGS (Trinity, March 2021)
SV-1-d5	Soil Vapor Probe at 5 Feet BGS (Weber-Hayes, April 2020)
39	PCE Concentration in µg/m³
	PCE Isocontour in µg/m³
PCE	Tetrachloroethene
µg/m³	Micrograms per Cubic Meter
<	Not Detected at or Above Reporting Limit
>	Greater Than
BGS	Below Ground Surface

Approximate Shallow Groundwater Flow Direction
(Based on Wells at 1671 Capitola Road)

V07

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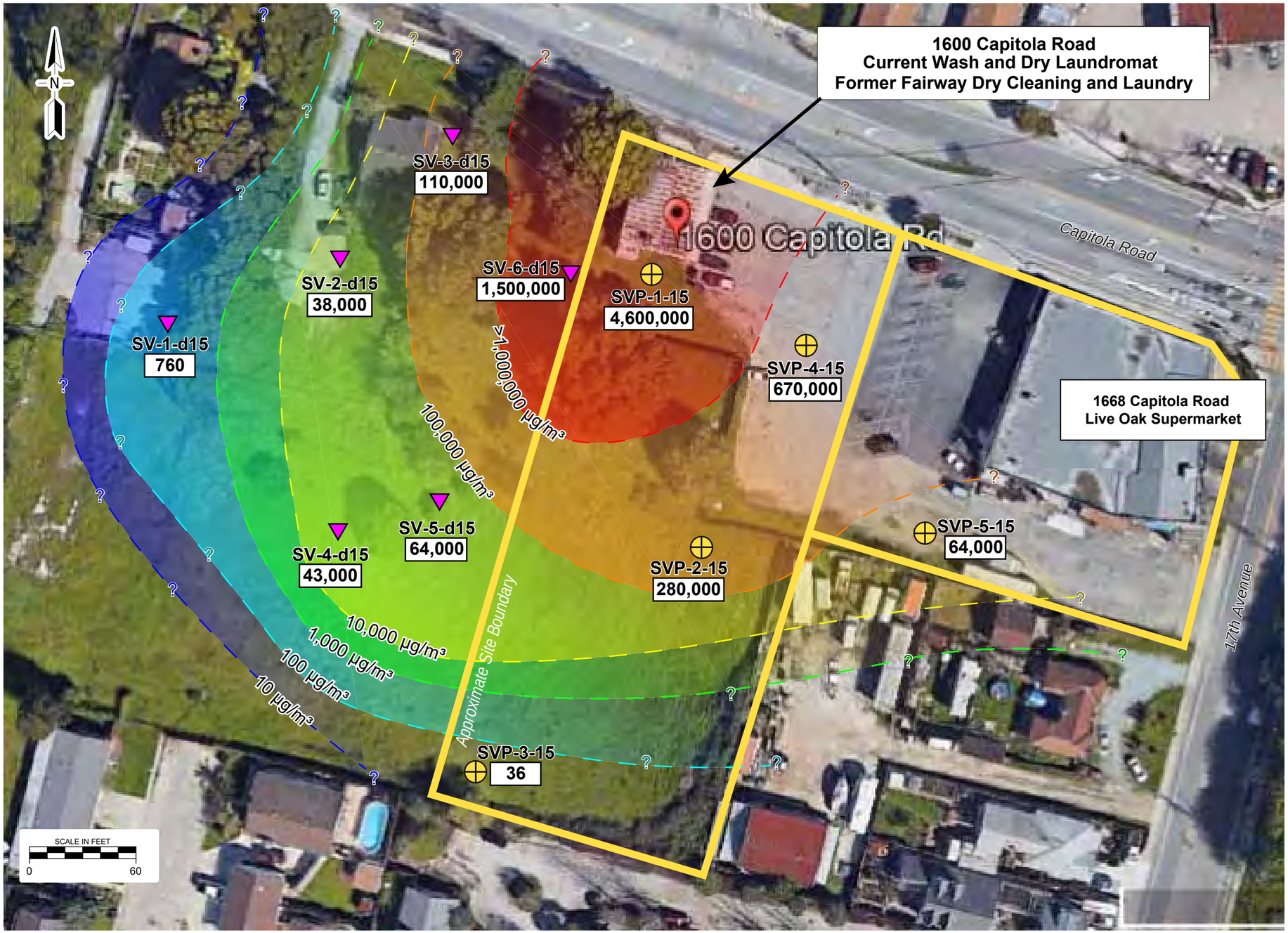
SUB-SLAB VAPOR AND SOIL VAPOR AT 5 FEET BGS PCE ISOCONCENTRATION MAP

Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

PROJECT: 575.002.002

FIGURE: 5



Legend

SVP-1-15 ⊕	Soil Vapor Probe at 15 Feet BGS (Trinity, March 2021)
SV-1-d15 ▼	Soil Vapor Probe at 15 Feet BGS (Weber-Hayes, April 2020)
36	PCE Concentration in µg/m³
	PCE Isocontour in µg/m³
PCE	Tetrachloroethene
µg/m³	Micrograms per Cubic Meter
>	Greater Than
BGS	Below Ground Surface

Approximate Shallow Groundwater Flow Direction
(Based on Wells at 1671 Capitola Road)

V07

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SOIL VAPOR AT 15 FEET BGS PCE ISOCONCENTRATION MAP

Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

PROJECT: 575.002.002

FIGURE: 6

Legend

GW-1 Grab-Groundwater Sample Location (Trinity, March 2021)

GW-1 Grab-Groundwater Sample Location (Weber-Hayes, April 2020)

MW-5 Destroyed Monitoring Well Location (AES, March 2012)

73 PCE Concentration in µg/L

PCE Isocontour in µg/L

PCE Tetrachloroethene

µg/L Micrograms per Liter

< Not Detected at or Above Reporting Limit

Approximate Shallow Groundwater Flow Direction
(Based on Wells at 1671 Capitola Road)

V06

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GROUNDWATER PCE ISOCONCENTRATION MAP

Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

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FIGURE: 7

Tables

Tables supporting this report are listed below and presented on the following pages.

Table 1 Passive Soil Gas Analytical Data All Detected Volatile Organic Compounds

Table 2 Sub-Slab Soil Vapor Analytical Data

Table 3 Soil Vapor Analytical Data

Table 4 Soil Analytical Data

Table 5 Groundwater Analytical Data

TABLE 1
PASSIVE SOIL GAS ANALYTICAL DATA
ALL DETECTED VOLATILE ORGANIC COMPOUNDS
Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

Sample ID	Sample Date	EPA Analytical Method 8260C (µg/m³)																			
		Site Chemicals of Potential Concern								Other Chemicals											
		PCE	TCE	1,1-DCE	cis-1,2-DCE	trans-1,2-DCE	Vinyl Chloride	1,1-DCA	Chloroform	TPH Gasoline	TPH Diesel	1,2,4-TMB	1,3,5-TMB	1,4-Dioxane	2-Methyl-naphthalene	Benzene	Ethyl-benzene	Isopropyl-benzene	Naphthalene	o-Xylene	p & m-Xylene	Toluene
PSG 1	1/20/2021 — 2/3/2021	**28.3**	**39.0**	**3.28**	**434 D**	**35.2**	**1.52**	**1.15**	< 1.42	**6,190**	**1,890**	**10.4**	**4.59**	< 1.21	**6.17**	**6.56**	**90.7 D**	**2.63**	< 1.56	**137 D**	**339 D**	**10.3**
PSG 2	1/20/2021 — 2/3/2021	**15.4**	**17.5**	< 1.51	**38.8**	**3.67**	< 0.62	< 0.59	< 1.42	**8,960**	**1,770**	**12.5**	**5.00**	< 1.22	**6.27**	**10.2**	**94.9 D**	**2.23**	< 1.56	**124 D**	**379 D**	**15.7**
PSG 3	1/20/2021 — 2/3/2021	< 1.22	**17.5**	**1.54**	**29.2**	**14.9**	**11.1**	< 0.59	< 1.42	**9,210**	**4,110**	**33.9**	**14.0**	< 1.22	**6.37**	**14.1**	**191**	**5.75**	**1.82**	**314 D**	**71.8 D**	**9.69**
PSG 4	1/20/2021 — 2/3/2021	**3.79**	**6.35**	< 1.51	**7.38**	**2.16**	**1.24**	< 0.59	< 1.42	**4,920**	**1,990**	**7.59**	**2.50**	< 1.22	**4.24**	**13.2**	**8.57**	< 1.50	< 1.56	**11.5**	**32.7**	**9.64**
PSG 5	1/20/2021 — 2/3/2021	< 1.22	**7.83**	**2.59**	**75.6**	**10.9**	**14.9**	< 0.59	< 1.42	**8,350**	**3,480**	**5.57**	**1.99**	< 1.22	**32.4**	**18.5**	**14.4**	< 1.50	**5.23**	**18.9**	**56.0**	**11.0**
PSG 6	1/20/2021 — 2/3/2021	**47.1**	**331 D**	**18.1**	**482 D**	**341 D**	**112 D**	< 0.59	< 1.42	**22,200**	**4,060**	**8.77**	**3.89**	< 1.22	**16.4**	**65.7**	**32.5**	**1.99**	**3.52**	**40.3**	**110 D**	**64.0**
PSG 7	1/20/2021 — 2/3/2021	**4.75**	**26.0**	**5.76**	**172 D**	**45.2**	**53.0**	< 0.59	< 1.42	**4,120**	**722**	**2.23**	< 1.50	< 1.22	**2.21**	**5.97**	**25.3**	< 1.50	< 1.56	**29.9**	**115 D**	< 3.12
PSG 8	1/20/2021 — 2/3/2021	**3.10**	**31.6**	**16.0**	**735 D**	**164 D**	**301 D**	< 0.59	< 1.43	**16,300**	**3,530**	**5.62**	**2.43**	< 1.22	**21.3**	**30.5**	**36.1**	< 1.50	**3.23**	**48.1**	**150 D**	**25.1**
PSG 9	1/20/2021 — 2/3/2021	**63.3**	**24.2**	< 1.50	**1.93**	< 1.13	< 0.61	< 0.58	< 1.42	< 420	< 359	< 1.49	< 1.49	< 1.21	< 1.63	**5.11**	< 1.46	< 1.49	< 1.55	< 1.41	**1.96**	**4.22**
PSG 10	1/20/2021 — 2/3/2021	**13.2**	**5.33**	< 1.51	< 0.94	< 1.13	< 0.62	< 0.59	< 1.43	**6,170**	**963**	**7.84**	**4.00**	< 1.22	< 1.64	**4.12**	**96.2 D**	**2.28**	< 1.56	**150 D**	**410 D**	**5.43**
PSG 11	1/20/2021 — 2/3/2021	**78.2**	**27.7**	< 1.51	**1.60**	< 1.13	< 0.62	< 0.59	< 1.43	**1,690**	< 362	**3.63**	**1.64**	< 1.22	< 1.64	< 2.35	**22.5**	< 1.50	< 1.56	**39.7**	**106 D**	< 3.12
PSG 12	1/20/2021 — 2/3/2021	**3,900 D**	**220 D**	< 1.51	**1.80**	< 1.13	< 0.62	< 0.59	< 1.43	< 423	**885**	**4.17**	**1.77**	< 1.22	**10.3**	< 2.35	**20.4**	< 1.50	< 1.56	**33.6**	**94.3 D**	< 3.12
PSG 13	1/20/2021 — 2/3/2021	**3,420 D**	**39.4**	< 1.51	< 0.94	< 1.13	< 0.62	< 0.59	< 1.43	< 423	**529**	**5.79**	**2.63**	< 1.22	< 1.64	**4.22**	**24.7**	< 1.50	< 1.56	**48.4**	**111 D**	**3.65**
PSG 14	1/20/2021 — 2/3/2021	**3.94**	< 1.51	< 1.51	**1.01**	< 1.13	< 0.62	< 0.59	< 1.43	**1,310**	< 362	**2.00**	< 1.50	< 1.22	< 1.64	**3.13**	**19.1**	< 1.50	< 1.56	**25.6**	**77.6 D**	< 3.12
PSG 15	1/20/2021 — 2/3/2021	**24.4**	**14.1**	< 1.51	< 0.94	< 1.13	< 0.62	< 0.59	< 1.42	**2,750**	**390**	**4.90**	**2.19**	**14.4**	< 1.64	**2.77**	**37.4**	< 1.50	< 1.56	**63.0 D**	**168 D**	< 3.12
PSG 16	1/20/2021 — 2/3/2021	**84.8**	**12.8**	< 1.51	< 0.94	< 1.13	< 0.62	< 0.59	< 1.42	**1,020**	< 361	**1.82**	< 1.50	< 1.22	< 1.64	< 2.35	**12.6**	< 1.50	< 1.56	**20.6**	**54.0**	< 3.12
PSG 17	1/20/2021 — 2/3/2021	**976 D**	**901 D**	**7.82**	**40.8**	**6.80**	< 0.62	< 0.59	< 1.42	< 423	< 361	**2.83**	< 1.50	< 1.22	< 1.64	< 2.35	**15.7**	< 1.50	< 1.56	**29.0**	**72.4 D**	< 3.12
PSG 18	1/20/2021 — 2/3/2021	**217 D**	**50.4**	< 1.51	**1.48**	**1.30**	< 0.61	< 0.59	< 1.42	**1,390**	< 361	**2.47**	< 1.50	< 1.21	< 1.64	< 2.35	**3.80**	< 1.50	< 1.55	**5.34**	**15.2**	< 3.11
PSG 19	1/20/2021 — 2/3/2021	**1,260 D**	**56.8**	< 1.51	< 0.94	< 1.13	< 0.61	< 0.59	< 1.42	**7,080**	**2,040**	**17.6**	**6.57**	< 1.21	< 1.64	**3.61**	**102 D**	**3.01**	**2.98**	**159 D**	**435 D**	**3.68**
PSG 20	1/20/2021 — 2/3/2021	**4,600 D**	**767 D**	**4.01**	**26.6**	**4.02**	< 0.62	< 0.59	< 1.43	< 423	**380**	**3.15**	< 1.50	< 1.22	< 1.64	**2.67**	**29.9**	< 1.50	< 1.56	**35.1**	**114 D**	< 3.12
PSG 20 Dup	1/20/2021 — 2/3/2021	**4,890 D**	**231 D**	< 1.51	**8.21**	< 1.13	< 0.62	< 0.59	< 1.43	< 423	**377**	**3.04**	< 1.50	< 1.22	< 1.64	**2.81**	**23.0**	< 1.50	< 1.56	**29.5**	**86.9 D**	**3.12**
PSG 21	1/20/2021 — 2/3/2021	**7,490 D**	**486 D**	**1.72**	**12.5**	**1.87**	< 0.62	< 0.59	< 1.42	< 422	**416**	**10.7**	**3.21**	< 1.22	< 1.64	< 2.35	**38.8**	< 1.50	< 1.56	**75.1 D**	**192 D**	< 3.11
PSG 22	1/20/2021 — 2/3/2021	**9,710 D**	**93.1 D**	< 1.51	**2.15**	< 1.13	< 0.62	< 0.59	**1.61**	**4,070**	**1,230**	**43.7**	**15.8**	< 1.22	< 1.64	**4.23**	**67.6 D**	**5.29**	< 1.56	**180 D**	**368 D**	< 3.11
PSG 23	1/20/2021 — 2/3/2021	**428 D**	**47.0**	< 1.51	**1.57**	< 1.13	< 0.62	< 0.59	< 1.42	**5,940**	**1,770**	**74.1 D**	**24.4**	**22.8**	< 1.64	< 2.35	**118 D**	**6.14**	< 1.56	**354 D**	**647 D**	< 3.11
PSG 24	1/20/2021 — 2/3/2021	**15,600 D**	**924 D**	**2.56**	**9.51**	**2.05**	< 0.62	< 0.59	< 1.42	< 423	< 361	**2.28**	< 1.50	< 1.22	< 1.64	< 2.35	**9.06**	< 1.50	< 1.56	**13.1**	**35.7**	< 3.12
PSG 25	1/20/2021 — 2/3/2021	**11.4**	**1.84**	< 1.51	< 0.94	< 1.13	< 0.61	< 0.59	**2.39**	< 421	< 360	< 1.50	< 1.50	< 1.21	< 1.64	< 2.35	< 1.46	< 1.50	< 1.55	< 1.41	< 1.41	< 3.11
PSG 26	1/20/2021 — 2/3/2021	**3.41**	< 1.51	< 1.51	< 0.94	< 1.13	< 0.61	< 0.59	**4.98**	< 421	< 360	< 1.50	< 1.50	< 1.21	< 1.64	< 2.35	< 1.46	< 1.50	< 1.55	< 1.41	< 1.41	< 3.11
PSG 27	1/20/2021 — 2/3/2021	**2.07**	< 1.51	< 1.51	< 0.94	< 1.13	< 0.61	< 0.59	< 1.42	< 421	< 360	< 1.50	< 1.50	< 1.21	< 1.64	< 2.35	< 1.46	< 1.50	< 1.55	< 1.41	< 1.41	< 3.11
PSG 28	1/20/2021 — 2/3/2021	< 1.21	< 1.51	< 1.51	< 0.94	< 1.13	< 0.61	< 0.59	< 1.42	< 421	< 360	< 1.50	< 1.50	< 1.21	< 1.64	< 2.35	< 1.46	< 1.50	< 1.55	< 1.41	< 1.41	< 3.11
PSG 29	1/20/2021 — 2/3/2021	< 1.21	< 1.51	< 1.51	< 0.94	< 1.13	< 0.61	< 0.59	< 1.42	< 421	< 360	< 1.50	< 1.50	< 1.21	< 1.64	< 2.35	< 1.46	< 1.50	< 1.55	< 1.41	< 1.41	< 3.11
PSG 30	1/20/2021 — 2/3/2021	**1.97**	< 1.51	< 1.51	< 0.94	< 1.13	< 0.61	< 0.58	**2.16**	< 421	< 360	< 1.50	< 1.50	< 1.21	< 1.64	< 2.35	< 1.46	< 1.50	< 1.55	< 1.41	< 1.41	< 3.11
PSG 31	1/20/2021 — 2/3/2021	**4.58**	< 1.51	< 1.51	< 0.94	< 1.13	< 0.61	< 0.58	**6.62**	< 421	< 360	< 1.50	< 1.50	< 1.21	< 1.64	< 2.35	< 1.46	< 1.50	< 1.55	< 1.41	< 1.41	< 3.11
PSG 32	1/20/2021 — 2/3/2021	**78.0**	**4.21**	< 1.51	< 0.94	< 1.13	< 0.61	< 0.58	< 1.42	< 421	< 360	< 1.50	< 1.50	< 1.21	< 1.63	< 2.34	< 1.46	< 1.50	< 1.55	< 1.41	< 1.41	< 3.10
PSG 33	1/20/2021 — 2/3/2021	**538 D**	**144 D**	**2.06**	**12.7**	**2.53**	< 0.62	< 0.59	< 1.42	< 422	**407**	< 1.50	< 1.50	< 1.22	< 1.64	< 2.35	< 1.47	< 1.50	< 1.56	< 1.42	< 1.42	< 3.11
PSG 34	1/20/2021 — 2/3/2021	**931 D**	**71.4**	< 1.51	**1.17**	< 1.13	< 0.62	< 0.59	< 1.42	< 423	< 361	< 1.50	< 1.50	< 1.22	< 1.64	**3.88**	< 1.47	< 1.50	< 1.56	< 1.42	< 1.42	< 3.12
PSG 35	1/20/2021 — 2/3/2021	**145 D**	**15.2**	< 1.51	< 0.94	< 1.13	< 0.61	< 0.59	< 1.42	< 422	< 361	< 1.50	< 1.50	< 1.21	< 1.64	< 2.35	< 1.46	< 1.50	< 1.55	< 1.41	< 1.41	< 3.11
PSG 36	1/20/2021 — 2/3/2021	**9.24**	< 1.51	< 1.51	< 0.94	< 1.13	< 0.61	< 0.59	**2.41**	< 422	< 361	< 1.50	< 1.50	< 1.21	< 1.64	< 2.35	< 1.46	< 1.50	< 1.56	< 1.41	< 1.41	< 3.11
PSG 37	1/20/2021 — 2/3/2021	**4.60**	< 1.51	< 1.51	< 0.94	< 1.13	< 0.61	< 0.59	< 1.42	< 422	< 361	< 1.50	< 1.50	< 1.21	< 1.64	< 2.35	< 1.46	< 1.50	< 1.56	< 1.41	< 1.41	< 3.11
PSG 38	1/20/2021 — 2/3/2021	< 1.21	< 1.51	< 1.51	< 0.94	< 1.13	< 0.61	< 0.59	< 1.42	< 422	< 361	< 1.50	< 1.50	< 1.21	< 1.64	< 2.35	< 1.46	< 1.50	< 1.56	< 1.41	< 1.41	< 3.11
PSG 39	1/20/2021 — 2/3/2021	< 1.21	< 1.51	< 1.51	< 0.94	< 1.13	< 0.61	< 0.59	< 1.42	< 422	< 361	< 1.50	< 1.50	< 1.21	< 1.64	< 2.35	< 1.47	< 1.50	< 1.56	< 1.42	< 1.42	< 3.11
SFBRWQCB Residential Soil Vapor ESLs		15	16	2,400	280	2,800	0.32	58	4.1	12,000	8,900	NLE	NLE	12	NLE	3.0	37	NLE	2.8	3,500*	3,500*	10,000
SFBRWQCB Commercial Soil Vapor ESLs		67	100	10,000	1,200	12,000	5.2	260	18	83,000	37,000	NLE	NLE	53	NLE	14	160	NLE	12	15,000*	15,000*	44,000

Notes:

Samples Analyzed Using EPA Method 8260C by Beacon Environmental

ID = Identification
TPH = Total Petroleum Hydrocarbons
PCE = Tetrachloroethene
TCE = Trichloroethene
1,1-DCE = 1,1-Dichloroethene
cis-1,2-DCE = cis-1,2-Dichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene
1,1-DCA = 1,1-Dichloroethane
1,2,4-TMB = 1,2,4-Trimethylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene

EPA = Enviromental Protection Agency
µg/m³ = Micrograms per Cubic Meter
BOLD = Analyte Detected at or Above Practical Quantitation Limit
< = Analyte Not Detected at or Above Practical Quantitation Limit
SFBRWQCB = San Francisco Bay Regional Water Quality Control Board
ESL = Environmental Screening Level (Sub-Slab/Soil Gas Vapor Intrusion: Human Health Risk Levels, Table SG-1, 2019 Rev. 2)
= Analyte Detected Above One or More ESL
NLE = No Limit Established
* = Total Xylenes
D = Dilution required to report within calibration Limits.

TABLE 2
SUB-SLAB SOIL VAPOR ANALYTICAL DATA
Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

Sample ID	Sample Date	EPA Analytical Method ETO15 (µg/m³)								
		Chemicals of Potential Concern		Other Chemicals						
		PCE	Chloroform	Acetone	Toluene	TBA	m,p-Xylene	o-Xylene	IPA	Other VOCs
SS-1	3/1/2021	**14,000**	< 290	< 1,400	< 230	< 180	< 260	< 260	< 1,500	All ND
SS-2	3/1/2021	**2,700,000**	< 23,000	< 110,000	< 18,000	< 15,000	< 21,000	< 21,000	< 120,000	All ND
SS-3	3/2/2021	**1,300**	< 15	**340**	**21**	**69**	**23**	**15**	< 74	All ND
SS-4	3/2/2021	**930**	**33**	**210**	< 11	**64**	**30**	**26**	< 74	All ND
SS-5	3/2/2021	**2,100**	< 24	< 120	< 19	< 15	< 22	< 22	< 120	All ND
DUP (SS-5)	3/2/2021	**2,000**	< 24	< 120	< 19	< 15	< 22	< 22	< 120	All ND
SFBRWQCB Residential ESLs		15	4.1	1,100,000	10,000	NLE	3,500*	3,500*	NLE	
SFBRWQCB Commercial ESLs		67	18	4,500,000	44,000	NLE	15,000*	15,000*	NLE	

Notes:

Samples Analyzed Using EPA Method ETO15 by Torrent Laboratory, Inc.

ID = Identification
EPA = Environmental Protection Agency
µg/m³ = Micrograms per Cubic Meter
VOC = Volatile Organic Compound
BOLD = Analyte Detected at or Above the Practical Quantitation Limit
< = Analyte Not Detected at or Above the Practical Quantitation Limit
ND = Analyte Not Detected at or Above the Practical Quantitation Limit
SFBRWQCB = San Francisco Bay Regional Water Quality Control Board
ESL = SFBRWQCB Environmental Screening Level (Sub-slab/Soil Gas Vapor Intrusion: Human Health Risk Levels, Table SG-1, 2019 Rev. 2)
= Analyte Exceeds One or More ESL
* = ESL for Total Xylenes
NLE = No Limit Established

PCE = Tetrachloroethene
TBA = Tert-butyl Alcohol
IPA = Isopropyl Alcohol (Used as a Leak Check Compound)

TABLE 3
SOIL VAPOR ANALYTICAL DATA
Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

Sample ID	Sample Date	EPA Analytical Method ETO15 (µg/m³)																		
		Chemicals of Potential Concern		Other Chemicals																
		PCE	Chloroform	Acetone	Benzene	Carbon disulfide	Ethyl-benzene	4-Ethyl Toluene	Hexane	2-Hexanone	MEK	MIBK	Naphthalene	TBA	Toluene	1,2,4-TMB	1,3,5-TMB	m,p-Xylene	o-Xylene	IPA	Other VOCs
SVP-1-5	3/2/2021	**82,000**	< 980	< 4,800	< 640	< 620	< 870	< 980	< 700	< 820	< 590	< 820	< 1,000	< 610	< 750	< 980	< 980	< 870	< 870	< 4,900	All ND
SVP-1-15	3/2/2021	**4,600,000 E**	< 23,000	< 110,000	< 15,000	< 15,000	< 21,000	< 24,000	< 17,000	< 20,000	< 14,000	< 20,000	< 25,000	< 15,000	< 18,000	< 24,000	< 24,000	< 21,000	< 21,000	< 120,000	All ND
DUP-2 (SVP-1-15)	3/2/2021	**4,900,000**	< 47,000	< 230,000	< 31,000	< 30,000	< 42,000	< 47,000	< 34,000	< 39,000	< 28,000	< 39,000	< 50,000	< 29,000	< 4,500	< 5,900	< 5,900	< 5,200	< 5,200	< 30,000	All ND
SVP-2-5	3/2/2021	**920**	< 26	**320**	**62**	< 17	**55**	< 27	**280**	< 22	**52**	**100**	< 28	**46**	**240**	< 27	< 27	**140**	**48**	< 130	All ND
SVP-2-15	3/2/2021	**280,000**	< 5,900	< 29,000	< 3,800	< 3,700	< 5,200	< 5,900	< 4,200	< 4,900	< 3,500	< 4,900	< 6,300	< 3,600	< 4,500	< 5,900	< 5,900	< 5,200	< 5,200	< 30,000	All ND
SVP-3-5	3/1/2021	**39**	**47**	**78**	**4.4**	**4.4**	**9.5**	**6.2**	**11**	**8.4**	**13**	**7.9**	< 2.6	**14**	**35**	**6.2**	**3.0**	**27**	**12**	**20**	All ND
SVP-3-15	3/1/2021	**36**	< 2.4	**39**	**13**	**2.3**	**4.3**	**5.1**	**30**	< 2.1	< 1.5	< 2.1	**3.8**	**7.1**	**38**	**6.5**	**3.2**	**21**	**6.8**	< 12	All ND
SVP-4-5	3/1/2021	**1,700**	**29**	**260**	< 16	< 16	< 22	< 25	**19**	< 21	**56**	< 21	< 26	**20**	**73**	< 25	< 25	**54**	< 22	< 120	All ND
SVP-4-15	3/1/2021	**670,000**	< 12,000	< 57,000	< 7,700	< 7,500	< 10,000	< 12,000	< 8,400	< 9,800	< 7,100	< 9,800	< 13,000	< 7,300	< 9,000	< 12,000	< 12,000	< 10,000	< 10,000	< 59,000	All ND
SVP-5-5	3/2/2021	**190**	< 24	< 120	< 16	< 16	< 22	< 25	< 18	< 21	< 15	< 21	< 26	< 15	< 19	< 25	< 25	< 22	< 22	**4,300 E**	All ND
SVP-5-15	3/2/2021	**64,000**	< 980	< 4,800	< 640	< 620	< 870	< 980	< 700	< 820	< 590	< 820	< 1,000	< 610	< 750	< 980	< 980	< 870	< 870	< 4,900	All ND
SFBRWQCB Residential ESLs		15	4.1	1,100,000	3.2	NLE	37	NLE	NLE	NLE	170,000	NLE	2.8	NLE	10,000	NLE	NLE	3,500*	3,500*	NLE	
SFBRWQCB Commercial ESLs		67	18	4,500,000	14	NLE	160	NLE	NLE	NLE	730,000	NLE	12	NLE	44,000	NLE	NLE	15,000*	15,000*	NLE	

Notes:

Samples Analyzed Using EPA Method ETO15 by Torrent Laboratory, Inc.

ID = Identification
EPA = Environmental Protection Agency
µg/m³ = Micrograms per Cubic Meter
VOC = Volatile Organic Compound
BOLD = Analyte Detected at or Above the Practical Quantitation Limit
< = Analyte Not Detected at or Above the Practical Quantitation Limit
ND = Analyte Not Detected at or Above the Practical Quantitation Limit
E = Estimated Concentration (Outside of Calibration)
SFBRWQCB = San Francisco Bay Regional Water Quality Control Board
ESL = SFBRWQCB Environmental Screening Level (Sub-slab/Soil Gas Vapor Intrusion: Human Health Risk Levels, Table SG-1, 2019 Rev. 2)
= Analyte Exceeds One or More ESL
* = ESL for Total Xylenes
NLE = No Limit Established

MEK = Methyl Ethyl Ketone (2-Butanone)
MIBK = Methyl Isobutyl Ketone (4-Methyl-2-pentanone)
PCE = Tetrachloroethene
TBA = Tert-butyl Alcohol
1,2,4-TMB = 1,2,4-Trimethylbenzene
1,3,5-TMB = 1,3,5-Trimethylbenzene
IPA = Isopropyl Alcohol (Used as a Leak Check Compound)

TABLE 4
SOIL ANALYTICAL DATA
Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

Sample ID	Sample Date	EPA Analytical Method											
		SW8260B (mg/kg)											ASTM D2216-90 (%)
		PCE	TCE	cis-1,2-DCE	trans-1,2-DCE	1,1-DCE	Vinyl Chloride	Benzene	Toluene	Ethylbenzene	o-Xylene	m,p-Xylene	Other VOCs	Percent Moisture
SB-1-5	3/5/2021	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	< 0.0091	All ND	NA
SB-1-14	3/5/2021	**0.0249**	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	All ND	**14.6**
SB-1-18	3/5/2021	**0.297**	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	All ND	**23.8**
SB-2-5	3/2/2021	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	< 0.0081	All ND	NA
SB-2-10	3/2/2021	**0.0197**	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	All ND	**19.2**
SB-2-15	3/2/2021	**0.0349**	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	< 0.013	All ND	**19.4**
SB-3-7	3/2/2021	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	All ND	NA
SB-3-12	3/2/2021	< 0.0092	< 0.0092	< 0.0092	< 0.0092	< 0.0092	< 0.0092	< 0.0092	< 0.0092	< 0.0092	< 0.0092	< 0.0092	All ND	NA
SB-3-18	3/2/2021	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	< 0.0097	All ND	NA
SB-4-10	3/5/2021	**0.0865**	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	All ND	**22.2**
SB-4-15	3/5/2021	**0.0117**	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	All ND	**10.2**
SB-4-24	3/5/2021	**0.0299**	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	All ND	**7.47**
SB-5-2	3/5/2021	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	< 0.0087	All ND	NA
SB-5-18	3/5/2021	**0.0209**	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	< 0.011	All ND	**20.6**
SB-5-24	3/5/2021	**0.0268**	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	< 0.012	All ND	**23.8**
SFBRWQCB Residential ESLs		0.59	0.95	19	130	83	0.0083	0.33	1,100	5.9	580*	580*		NLE
SFBRWQCB Commercial ESLs		2.7	6.1	85	600	350	0.15	1.4	5,300	26	2,500*	2,500*		NLE

Notes:
Samples Analyzed Using EPA Method SW8260B and ASTM D2216-90 by Torrent Laboratory, Inc.

ID = Identification
EPA = Environmental Protection Agency
mg/kg = Milligrams per Kilogram
VOC = Volatile Organic Compound
BOLD = Analyte Detected at or Above the Practical Quantitation Limit
< = Analyte Not Detected at or Above the Practical Quantitation Limit
ND = Analyte Not Detected at or Above the Practical Quantitation Limit
NA = Not Analyzed
Percent Moisture = Detected Concentrations Reported in Dry-weight.
SFBRWQCB = San Francisco Bay Regional Water Quality Control Board
ESL = SFBRWQCB Environmental Screening Level (Direct Exposure Human Health Risk Levels, Table S-1, 2019 Rev. 2)
* = ESL for Total Xylenes
NLE = No Limit Established

PCE = Tetrachloroethene
TCE = Trichloroethene
cis-1,2-DCE = cis-1,2-Dichloroethene
trans-1,2-DCE = trans-1,2-Dichloroethene
1,1-DCE = 1,1-Dichloroethene

TABLE 5
GROUNDWATER ANALYTICAL DATA
Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

Sample ID	Sample Date	EPA Analytical Method SW8260B (µg/L)									
		PCE	TCE	cis-1,2-DCE	Benzene	Ethylbenzene	Toluene	Total Xylenes	Acetone	Chloromethane	Di-Isopropyl Ether	Other VOCs
GW-1	3/5/2021	**73**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.5	NA	< 0.50	NA	All ND
GW-2	3/5/2021	**110**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.5	NA	< 0.50	NA	All ND
GW-3	3/2/2021	**150**	< 2.1	**0.63 J**	< 2.1	< 2.1	< 2.1	< 6.3	NA	< 2.1	NA	All ND
GW-4	3/5/2021	**37**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.5	NA	< 0.50	NA	All ND
GW-5	3/5/2021	**32**	< 0.50	< 0.50	< 0.50	< 0.50	< 0.50	< 1.5	NA	< 0.50	NA	All ND
Weber-Hayes Groundwater Samples												
GW-1	4/1/2020	**4.64**	< 1.00	< 1.00	**0.354 J**	<1.00	**0.614 J**	< 3.00	**14 J**	**0.428 J**	< 1.00	All ND
GW-2	4/2/2020	**161**	< 1.00	< 1.00	< 1.00	<1.00	< 1.00	< 3.00	< 50.0	< 1.00	**0.417 J**	All ND
GW-3	4/2/2020	**136**	< 1.00	< 1.00	< 1.00	<1.00	< 1.00	< 3.00	< 50.0	< 1.00	< 1.00	All ND
GW-4	4/2/2020	**9.54**	< 1.00	< 1.00	< 1.00	<1.00	< 1.00	< 3.00	< 50.0	< 1.00	< 1.00	All ND
GW-5	4/2/2020	**16.9**	< 1.00	< 1.00	< 1.00	<1.00	< 1.00	< 3.00	< 50.0	< 1.00	< 1.00	All ND
GW-6	4/2/2020	**192**	**0.403 J**	< 1.00	< 1.00	<1.00	< 1.00	< 3.00	< 50.0	< 1.00	< 1.00	All ND
SFBRWQCB MCLs		5.0	5.0	6.0	1.0	30	40	20*	14,000	190	NLE	

Notes:
Samples Analyzed Using EPA Method SW8260B by Torrent Laboratory, Inc.

ID = Identification
EPA = Environmental Protection Agency
µg/L = Micrograms per Liter
VOC = Volatile Organic Compound
BOLD = Analyte Detected at or Above the Practical Quantitation Limit or Reporting Limit
< = Analyte Not Detected at or Above the Practical Quantitation Limit or Reporting Limit
ND = Analyte Not Detected at or Above the Practical Quantitation Limit or Reporting Limit
J = Estimated Concentration
SFBRWQCB = San Francisco Bay Regional Water Quality Control Board
MCL = SFBRWQCB Maximum Contaminant Level (Direct Exposure Human Health Risk Levels, Table GW-1, 2019 Rev. 2)
= Analyte Exceeds MCL
* = MCL for Total Xylenes
NLE = No Limit Established
NA = Not Analyzed
Weber-Hayes Groundwater Samples from *Supplimental Property Screening Assessment,* April 2020

PCE = Tetrachloroethene
TCE = Trichloroethene
cis-1,2-DCE = cis-1,2-Dichloroethene

Appendix A: Regulatory Correspondence

Central Coast Regional Water Quality Control Board

December 22, 2020

via U.S. Mail

17th & Capitola, L.P.
Huei Hsien Sally Chang
Chuan Sheng Frank Chang
1818 Harper Street
Santa Cruz, CA 95026

Dear Mr. and Ms. Chang:

SITE CLEANUP PROGRAM: FORMER FAIRWAY DRY CLEANING AND LAUNDRY, 1600 CAPITOLA ROAD, SANTA CRUZ, SANTA CRUZ COUNTY – REPONSE TO SUBMITTAL OF INFORMATON AND EXTENSION REQUEST AND CONDITIONAL WORKPLAN APPROVAL

In March 2020, Weber, Hayes & Associates performed a site characterization for a development project at 1412, 1438, 1500, and 1514 Capitola Road, Santa Cruz,[1] which is adjacent to your property located at 1600 Capitola Road, currently referred to as the Fairway Dry Cleaning and Laundry facility (Site). [2] During Weber, Hayes' investigation, volatile organic compounds (VOCs), including the dry-cleaning solvent tetrachloroethylene (PCE), were detected in shallow soil vapor samples on the development property. On August 4, 2020, the Central Coast Regional Water Quality Control Board (Central Coast Water Board) issued a California Water Code section 13267 order (Order)[3] requiring 17th & Capitola, L.P. to submit a workplan and completed questionnaires to evaluate probable releases of PCE from historic dry cleaning operations on your property. On your behalf, Trinity Source Group, Inc. sent a response to the Order on September 28, 2020, which included completed questionnaires and information that 17th & Capitola L.P. had applied for grant funding and requested the Central Coast Water Board to extend the workplan submittal deadline until after grant funding was received.[4] After several communications between you, Trinity, and Central Coast Water Board staff in October and November 2020, Trinity submitted the *Preliminary Phase II Environmental Site Assessment Work Plan* (Phase II Workplan) on December 2, 2020. This letter responds to the information submittal and extension request and conditionally approves the Phase II Workplan and proposed schedule.

[1] All documents related to the Development at Capitola Road are in GeoTracker at: http://geotracker.waterboards.ca.gov/?gid=T10000014098
[2] All documents related to the former Fairway Dry Cleaning and Laundry are in GeoTracker at: http://geotracker.waterboards.ca.gov/?gid=T10000015553
[3] The Central Coast Water Board's Order dated August 4, 2020, and two related attachments, are in GeoTracker at: https://geotracker.waterboards.ca.gov/?surl=c4rzg
[4] Responses to the Order dated September 28, 2020, are in GeoTracker at: https://geotracker.waterboards.ca.gov/?surl=uiy5o

Response to Information Submittal and Extension Request
On September 28, 2020, Trinity's email provided completed questionnaires (*Chemical Use and Storage* and *Site Audit Questionnaire*) and figures showing the locations of the current building where the former dry cleaner operated and related underground utilities. Instead of submitting the required workplan, Trinity's email contained documentation that 17th & Capitola, L.P. had applied to receive potential grant funding under the State Water Resources Control Board's Site Cleanup Subaccount Program grant funding program (SCAP).

Regarding the required workplan, Trinity requested an extension to the Order until after SCAP funds become available for use. Central Coast Water Board staff contacted SCAP as to the status of 17th & Capitola, L.P.'s grant application. Central Coast Water Board staff responded in an October 15, 2020 email indicating Trinity's request was under consideration pending evaluation of potential Site risk and the Site's relative priority ranking among other new state-wide SCAP applicants and existing SCAP-funded cleanup sites.

In subsequent telephone communications, Central Coast Water Board and SCAP staff indicated further investigatory information is needed to help determine SCAP funding priority. In response, Trinity proposed a draft scope of work for a preliminary site assessment for Central Coast Water Board staff's initial review and comment, followed by submittal of the Phase II Workplan, dated November 30, 2020, and submitted December 2, 2020.[5]

Conditional Workplan Approval
The Phase II Workplan details a comprehensive scope of work for data collection and reporting, described as steps 1 through 4. The objective is to begin defining the distribution of PCE and related pollutants in soil, soil vapor, and groundwater. Central Coast Water Board staff reviewed the scope of work, provided response comments, and discussed a phased investigation approach with Trinity during a telephone call on December 10, 2020. As agreed during the call, Trinity will complete steps 1 and 2 and report its findings to the Central Coast Water Board for immediate evaluation. This timelier approach to evaluating preliminary field data was agreed upon to help determine if sampling locations proposed for steps 3 and 4 could be optimized toward a more complete delineation of PCE and other VOCs. Step 2 involves a passive soil gas survey to determine the general extent of PCE across the Site and thus will help focus subsequent soil and groundwater investigatory efforts for steps 3 and 4.

Lastly, as discussed in the above-cited December 10, 2020 telephone communication, the Central Coast Water Board also requires that all existing and relevant data from surrounding investigations showing indications of PCE and related pollutants be included in Trinity's final report. At least two investigation cases provide relevant data: the Capitola Road development project and Former Live Oak Service closed underground storage tank (UST) cleanup site.[6] The purpose of this requirement is to help provide a more comprehensive evaluation of the distribution of PCE and related

[5] The *Phase II Work Plan* is in GeoTracker at: https://geotracker.waterboards.ca.gov/?surl=wd3fq
[6] All documents related to the *Former Live Oak Service* closed UST cleanup site are in GeoTracker at: http://geotracker.waterboards.ca.gov/?gid=T0608700286

pollutants in all media (soil, soil vapor, and groundwater) and to develop a more complete preliminary conceptual site model. The conceptual site model is an important next step for the Central Coast Water Board's evaluation of potential Site risk and for State Water Board to determine SCAP funding priority. The conceptual site model will also help determine related next steps for site investigation and cleanup.

Within this agreed-upon framework, the Central Coast Water Board conditionally concurs with the scope of work included in the Phase II Workplan.

Regarding implementation, Section 5.2 of the Phase II Workplan has a proposed schedule for the following: a) complete pre-field work activities within the four weeks following the date of the Central Coast Water Board's concurrence with the scope of work (i.e., this letter); b) then three weeks to complete the investigation, which will involve the above agreed-upon preliminary data evaluation from step 2 prior to completing steps 3 and 4; and c) seven weeks for submittal of a final investigation report based on timing of receiving laboratory analytical data, and subsequent report preparation. The Central Coast Water Board concurs with the proposed schedule.

LEGAL REQUIREMENTS

The Central Coast Water Board reviewed the site information and questionnaires and deems them in compliance with the Order. In addition, the Central Coast Water Board appreciates your expedited preparation and submittal of the SCAP application and the Phase II Workplan. Because characterization of the VOCs is an iterative approach and the Phase II Workplan is a good first step in this process, Central Coast Water Board staff does not plan on recommending enforcement of the failure to submit the workplan by September 30, 2020, as specified in the Order.

You are required to implement the scope of work included in the Phase II Workplan according to the conditions specified in this letter and the fieldwork and reporting schedules included in the scope of work. Failure to comply with these requirements may subject 17th & Capitola, L.P. to enforcement action by the Central Coast Water Board, including issuance of orders under Water Code sections 13267 and/or 13304 and potential administrative civil liabilities.

If you have any questions, please contact **Dan Niles at (805) 549-3355 or by email at dan.niles@waterboards.ca.gov**, or Sheila Soderberg at (805) 549-3592.

Sincerely,

for Matthew T. Keeling
Executive Officer

cc:

Suzanne Ise, Santa Cruz County, suzanne.ise@santacruzcounty.us
Kimberly Finley, County of Santa Cruz, kimberly.finley@santacruzcounty.us

John Gerbrandt, County of Santa Cruz, John.Gerbrandt@santacruzcounty.us
David Reinsma, Trinity Source Group, dar@tsgcorp.net
Warren Chamberlain, Trinity Source Group, wbc@tsgcorp.net
Ashley Schweickart, MidPen Housing Corp., aschweickart@midpen-housing.org
Dan Niles, Central Coast Water Board, dan.niles@waterboards.ca.gov
Sheila Soderberg, Central Coast Water Board, sheila.soderberg@waterboard.ca.gov
Harvey Packard, Central Coast Water Board, harvey.packard@waterboards.ca.gov
GeoTracker file, Colin Barger, colin.barger@waterboards.ca.gov

BizFlow# M30000, SCP-Reg 3 Site Specific, Fairway Dry Cleaning and Laundry, CR# 2030164

GeoTracker# T10000015553

File path: r:\rb3\shared\scp\sites\santa cruz co\santa cruz\1600 capitola road - fairway dry cleaners\13267 order\response_to_submittals_per_13267_order_12-2020.docx

Appendix B: Permits

SANTA CRUZ COUNTY HEALTH SERVICES AGENCY - ENVIRONMENTAL HEALTH SERVICE - 701 OCEAN ST. RM 312, SANTA CRUZ, CA 95060 (831) 454-2022

APPLICATION FOR SITE-MITIGATION-PROGRAM WELL PERMIT

■ New ☐ Replacement ☐ Supplemental ☐ Destruction ☐ Other _____ WELL NUMBER: SVP-5

026-741-17 Well APN | 026-741-16 Site Mit Case APN (if diff.)

Well Site Address: 1668 Capitola Road, Santa Cruz, CA

Well Site Property Owner: 17th & Capitola, LP | Address (if diff.): 1818 Harper Street, Santa Cruz, CA 95065

Site Mit Case Address (if different): 1600 Capitola Road, Santa Cruz, CA

Consultant: Trinity Source Group, Inc | Address: 119 Encinal St, Santa Cruz, CA 95060

Drilling Contractor: Trinity Drilling Inc | License #: C57-1010926 | Phone: 831-426-5600

Mail Correspondence To: dar@tsgcorp.net (David Reinsma)

WELL INFORMATION (Complete for All Permit Applications)

WELL TYPE (check all that apply)

- ☐ Groundwater Monitoring
- ■ Soil Gas Monitoring
- ☐ Remediation
- ☐ Groundwater Extraction
- ☐ Dual Phase Extraction
- ☐ Vapor Extraction
- ☐ Air Sparge
- ☐ Test Well
- ☐ Other

DISTANCE FROM WELL TO (ft.):

- Septic Systems: N/A
- Sewer: ~100 feet
- Nearest Property Line: ~50 feet

WELL CONSTRUCTION METHOD

- ☐ Hollow Stem
- ☐ Rotary
- ☐ Cable
- ☐ Sonic
- ■ Direct Push
- ☐ Other

WELL CASING SPECIFICATIONS

- Material: Teflon Tubing
- Gauge or Wall Thickness: 1/4" OD
- Internal Diameter (in.): 3/16" ID
- Type of Joint: N/A
- Perforation Interval (ft.): N/A
- Perforation Size (in.): N/A

WELL SPECIFICATIONS

- Borehole Diameter (in.): 2.25
- Depth of Borehole (ft.): 15
- Depth of Well (ft.): 15
- Cap, Lock, Vault Box: ■ Yes ☐ No
- **Seal Material(s)**: Bentonite, grout
- Depth of Seal (ft.): 4 and 15
- Cement Interval (ft.): 0-3
- Hydrated Bentonite Int. (ft.): 5-13
- Dry Granular Bentonite Int. (ft.): 3-4 and 13-14
- Other Seal Material Int. (ft.): N/A
- **Filter Pack Material(s)**: #2/12 Sand
- Sand Interval (ft.): 4-5 and 14-15
- Other Filter Pack Interval (ft.): N/A

WELL SETTING (Complete for all Permit Applications)

WITHIN WATER DISTRICT SERVICE AREA? ■ Yes ☐ No Name: Santa Cruz Water Department

OTHER WELLS ON PROPERTY? ☐ Yes ■ No Number: ____ Types: Domestic ____ Irrigation ____ Monitoring ____ Other ____

CONDITION OF OTHER WELLS ON PROPERTY: In Use ____ To Be Destroyed ____ Other ____

Attach 2 copies of a plot plan (see attached for requirements)

ADDITIONAL WELL DESTRUCTION INFORMATION

Proposed Destruction Method: _____. Attach original well construction log and a description of the proposed destruction method.

WORKER'S COMPENSATION CERTIFICATE

☐ A CURRENTLY EFFECTIVE CERTIFICATION OF WORKERS COMPENSATION INSURANCE FOR THE DRILLER IS ATTACHED OR ON FILE WITH EHS. INSURANCE CARRIER State Compensation Insurance Fund POLICY # ~~9151700-20~~ 9152112-20 JBG

☐ SIGNEES CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED SIGNEES SHALL NOT EMPLOY ANY PERSON IN ANY MANNER SO AS TO BECOME SUBJECT TO THE WORKER'S COMPENSATION LAWS OF CALIFORNIA

Signees agree to the following statements: I hereby agree to comply with all laws and regulations of the County of Santa Cruz and State of California pertaining to wells, and declare under penalty of perjury the information submitted on this application is true and correct. I will notify EHS at least 5 business days prior to commencing work. Within 60 days after completion of work I will furnish EHS with a report of the work performed. I understand this permit expires one year from date of issuance.

Signatures:

WELL SITE PROP. OWNER: Hwei-Hsien Sally Chang 1/11/21 DRILLING CONTRACTOR: [signature] EPIC CHCI 1/11/2021

SM21-020 (EHS Permit #)

FOR DEPARTMENT USE ONLY:

	DATE	EHS SPECIALIST
INITIAL SITE INSPECTION		
APPLICATION APPROVAL	2/3/21	JBG
FIELD WORK INSPECTION		
RECEIPT OF WELL LOG		
FINAL		

SEAL PLACEMENT WITNESSED: ☐ YES ☐ NO ☐ N/A

DATE: ____

DEPTH: ____

SEAL MATERIAL: ____

CASH REGISTER VALIDATION

$487.00 PD. via CC 1/11/21

COMMENTS: ____

EHS Form ...

Legend

SVP-1-5
SVP-1-15 ⊕ Proposed 5 / 15 Permanent Soil Vapor Probe Locations

Santa Cruz County
ENV HEATLH DIVISION

APPROVED BY
JBG

DATE
2/3/21

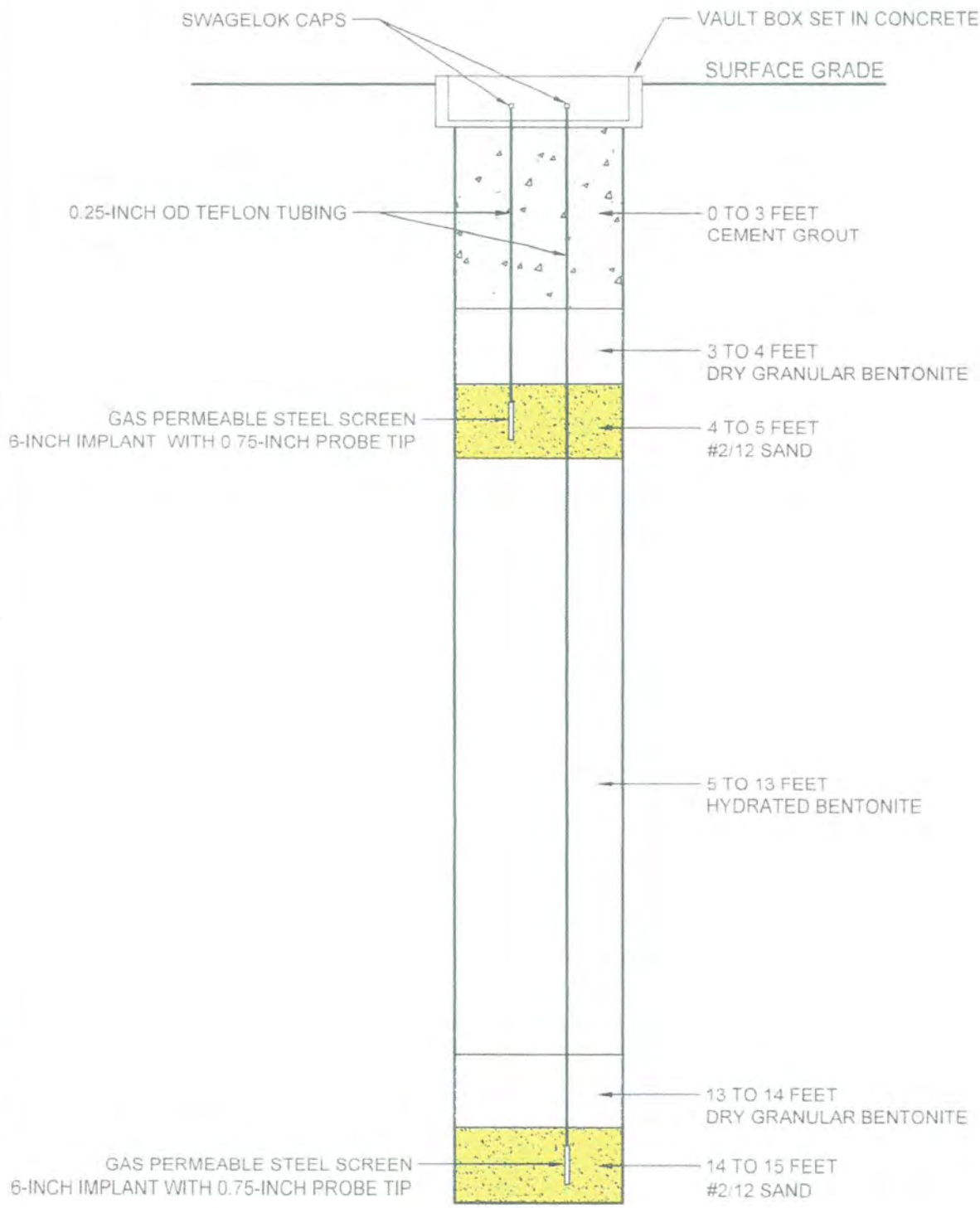
PERMIT #
SM021-020

TRINITY

PROPOSED SOIL VAPOR PROBE LOCATIONS
Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

PROJECT
575.002.005

FIGURE
2



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NOT TO SCALE

PREPARED BY TRINITY

DOUBLE-NESTED SOIL VAPOR PROBE DETAIL

Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

PROJECT
575.002.005

FIGURE
3

SANTA CRUZ COUNTY HEALTH SERVICES AGENCY - ENVIRONMENTAL HEALTH SERVICE - 701 OCEAN ST. RM 312, SANTA CRUZ, CA 95060 (831) 454-2022

APPLICATION FOR SITE-MITIGATION-PROGRAM WELL PERMIT

■ New ☐ Replacement ☐ Supplemental ☐ Destruction ☐ Other _____ WELL NUMBER: SVP-2

026-741-16 _____ Well APN _____ Site Mit Case APN (if diff.)

Well Site Address: 1600 Capitola Road, Santa Cruz, CA

Well Site Property Owner: 17th & Capitola, LP Address (if diff.): 1818 Harper Street, Santa Cruz, CA 95065

Site Mit Case Address (if different):

Consultant: Trinity Source Group, Inc. Address: 119 Encinal St, Santa Cruz, CA 95060

Drilling Contractor: Trinity Drilling Inc. License #: C57-1010926 Phone: 831-426-5800

Mail Correspondence To: dar@tsgcorp.net David Reinsma

WELL INFORMATION (Complete for All Permit Applications)

WELL TYPE (check all that apply)

- ☐ Groundwater Monitoring
- ■ Soil Gas Monitoring
- ☐ Remediation
- ☐ Groundwater Extraction
- ☐ Dual Phase Extraction
- ☐ Vapor Extraction
- ☐ Air Sparge
- ☐ Test Well
- ☐ Other

DISTANCE FROM WELL TO (ft.):

- Septic Systems: N/A
- Sewer: ~100 feet
- Nearest Property Line: ~50 feet

WELL CONSTRUCTION METHOD

- ☐ Hollow Stem
- ☐ Rotary
- ☐ Cable
- ☐ Sonic
- ■ Direct Push
- ☐ Other

WELL CASING SPECIFICATIONS

- Material: Teflon Tubing
- Gauge or Wall Thickness: 1/4" OD
- Internal Diameter (in.): 3/16"ID
- Type of Joint: N/A
- Perforation Interval (ft.): N/A
- Perforation Size (in.): N/A

WELL SPECIFICATIONS

- Borehole Diameter (in.): 2.25
- Depth of Borehole (ft.): 15
- Depth of Well (ft.): 15
- Cap, Lock, Vault Box: ■ Yes ☐ No
- **Seal Material(s)**: Bentonite grout
- Depth of Seal (ft.): 4 and 15
- Cement Interval (ft.): 0-3
- Hydrated Bentonite Int. (ft.): 5-13
- Dry Granular Bentonite Int. (ft.): 3-4 and 13-14
- Other Seal Material Int. (ft.): N/A
- **Filter Pack Material(s)**: #2/12 Sand
- Sand Interval (ft.): 4-5 and 14-15
- Other Filter Pack Interval (ft.): N/A

WELL SETTING (Complete for all Permit Applications)

WITHIN WATER DISTRICT SERVICE AREA? ■ Yes ☐ No Name: Santa Cruz Water Department

OTHER WELLS ON PROPERTY? ☐ Yes ■ No Number _____ Types: Domestic _____ Irrigation _____ Monitoring _____ Other _____

CONDITION OF OTHER WELLS ON PROPERTY: In Use _____ To Be Destroyed _____ Other _____

Attach 2 copies of a plot plan (see attached for requirements)

ADDITIONAL WELL DESTRUCTION INFORMATION

Proposed Destruction Method: _____ Attach original well construction log and a description of the proposed destruction method.

WORKER'S COMPENSATION CERTIFICATE

☐ A CURRENTLY EFFECTIVE CERTIFICATION OF WORKERS COMPENSATION INSURANCE FOR THE DRILLER IS ATTACHED OR ON FILE WITH EHS. INSURANCE CARRIER: State Compensation Insurance Fund POLICY #: ~~9151783-20~~ 9152112-20 JBG

☐ SIGNEES CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED SIGNEES SHALL NOT EMPLOY ANY PERSON IN ANY MANNER SO AS TO BECOME SUBJECT TO THE WORKER'S COMPENSATION LAWS OF CALIFORNIA

Signees agree to the following statements: I hereby agree to comply with all laws and regulations of the County of Santa Cruz and State of California pertaining to wells, and declare under penalty of perjury the information submitted on this application is true and correct. I will notify EHS at least 5 business days prior to commencing work. Within 60 days after completion of work I will furnish EHS with a report of the work performed. I understand this permit expires one year from date of issuance.

Signatures:

WELL SITE PROP. OWNER: Hulit Hsu Sell Prop 1/11/21 DRILLING CONTRACTOR: [signature] Gruchka 1/11/2021

FOR DEPARTMENT USE ONLY:

SM21-021 (EHS Permit #)

CASH REGISTER VALIDATION

	DATE	EHS SPECIALIST
INITIAL SITE INSPECTION		
APPLICATION APPROVAL	2/3/21	JBG
FIELD WORK INSPECTION		
RECEIPT OF WELL LOG		
FINAL		

SEAL PLACEMENT WITNESSED: ☐ YES ☐ NO ☐ N/A

DATE _____

DEPTH _____

SEAL MATERIAL _____

$487.00 pd. via CC 1/11/21

COMMENTS: _____

Legend

SVP-1-5
SVP-1-15 ⊕ Proposed 5 / 15 Permanent Soil Vapor Probe Locations

Santa Cruz County
ENV HEATLH DIVISION

APPROVED BY
JBG

DATE
2/3/21

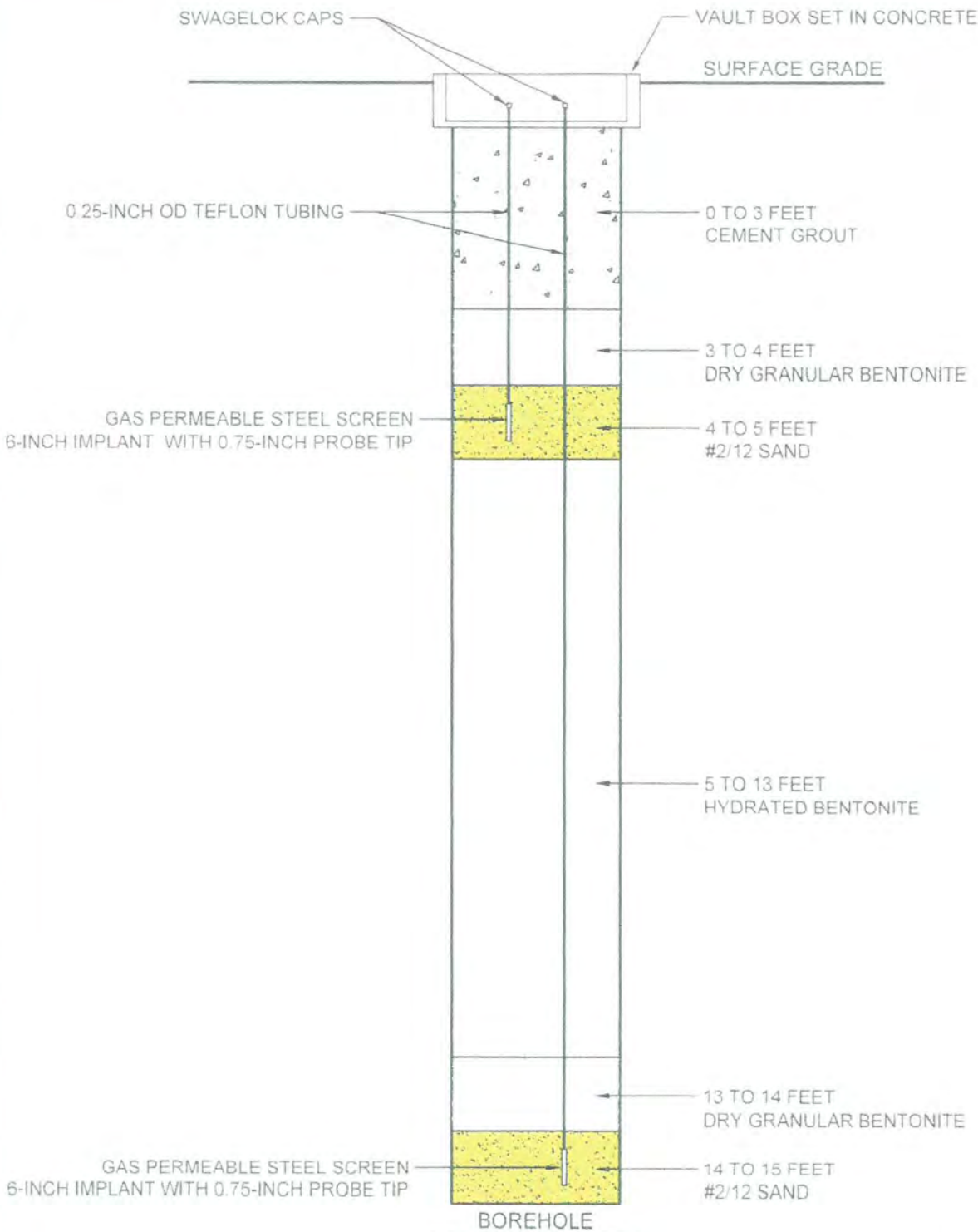
PERMIT #
SM021-021

TRINITY

PROPOSED SOIL VAPOR PROBE LOCATIONS
Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

PROJECT
575.002.005

FIGURE
2



REF. 575_001\ProbeDetail.dwg

NOT TO SCALE

PREPARED BY TRINITY

DOUBLE-NESTED SOIL VAPOR PROBE DETAIL

Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

PROJECT
575.002.005

FIGURE
3

SANTA CRUZ COUNTY HEALTH SERVICES AGENCY - ENVIRONMENTAL HEALTH SERVICE - 701 OCEAN ST, RM 312, SANTA CRUZ, CA 95060 (831) 454-2022

APPLICATION FOR SITE-MITIGATION-PROGRAM WELL PERMIT

■ New ☐ Replacement ☐ Supplemental ☐ Destruction ☐ Other _____ WELL NUMBER: SVP-4

026-741-16
Well APN

Site Mit Case APN (if diff.)

Well Site Address: 1600 Capitola Road, Santa Cruz, CA

Well Site Property Owner: 17th & Capitola, LP — Address (if diff.): 1818 Harper Street, Santa Cruz, CA 95065

Site Mit Case Address (if different):

Consultant: Trinity Source Group, Inc. — Address: 119 Encinal St, Santa Cruz, CA 95060

Drilling Contractor: Trinity Drilling Inc. — License #: C57-1010926 — Phone: 831-426-5600

Mail Correspondence To: dar@tsgcorp.net David Reinsma

WELL INFORMATION (Complete for All Permit Applications)

WELL TYPE (check all that apply)

- ☐ Groundwater Monitoring
- ■ Soil Gas Monitoring
- ☐ Remediation
- ☐ Groundwater Extraction
- ☐ Dual Phase Extraction
- ☐ Vapor Extraction
- ☐ Air Sparge
- ☐ Test Well
- ☐ Other

DISTANCE FROM WELL TO (ft.):

- Septic Systems: N/A
- Sewer: ~100 feet
- Nearest Property Line: ~50 feet

WELL CONSTRUCTION METHOD

- ☐ Hollow Stem
- ☐ Rotary
- ☐ Cable
- ☐ Sonic
- ■ Direct Push
- ☐ Other

WELL CASING SPECIFICATIONS

- Material: Teflon Tubing
- Gauge or Wall Thickness: 1/4" OD
- Internal Diameter (in.): 3/16"ID
- Type of Joint: N/A
- Perforation Interval (ft.): N/A
- Perforation Size (in.): N/A

WELL SPECIFICATIONS

- Borehole Diameter (in.): 2.25
- Depth of Borehole (ft.): 15
- Depth of Well (ft.): 15
- Cap, Lock, Vault Box: ■ Yes ☐ No
- **Seal Material(s)**: Bentonite, grout
- Depth of Seal (ft.): 4 and 15
- Cement Interval (ft.): 0-3
- Hydrated Bentonite Int. (ft.): 5-13
- Dry Granular Bentonite Int. (ft.): 3-4 and 13-14
- Other Seal Material Int. (ft.): N/A
- **Filter Pack Material(s)**: #2/12 Sand
- Sand Interval (ft.): 4-5 and 14-15
- Other Filter Pack Interval (ft.): N/A

WELL SETTING (Complete for all Permit Applications)

WITHIN WATER DISTRICT SERVICE AREA? ■ Yes ☐ No — Name: Santa Cruz Water Department

OTHER WELLS ON PROPERTY? ☐ Yes ■ No — Number ____ Types: Domestic ____ Irrigation ____ Monitoring ____ Other ____

CONDITION OF OTHER WELLS ON PROPERTY: In Use ____ To Be Destroyed ____ Other ____

Attach 2 copies of a plot plan (see attached for requirements)

ADDITIONAL WELL DESTRUCTION INFORMATION

Proposed Destruction Method _____ Attach original well construction log and a description of the proposed destruction method.

WORKER'S COMPENSATION CERTIFICATE

☐ A CURRENTLY EFFECTIVE CERTIFICATION OF WORKERS COMPENSATION INSURANCE FOR THE DRILLER IS ATTACHED OR ON FILE WITH EHS. INSURANCE CARRIER: State Compensation Insurance Fund — POLICY #: ~~9151783-20~~ 9152112-20 JBG

☐ SIGNEES CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED SIGNEES SHALL NOT EMPLOY ANY PERSON IN ANY MANNER SO AS TO BECOME SUBJECT TO THE WORKER'S COMPENSATION LAWS OF CALIFORNIA

Signees agree to the following statements: I hereby agree to comply with all laws and regulations of the County of Santa Cruz and State of California pertaining to wells, and declare under penalty of perjury the information submitted on this application is true and correct. I will notify EHS at least 5 business days prior to commencing work. Within 60 days after completion of work I will furnish EHS with a report of the work performed. I understand this permit expires one year from date of issuance.

Signatures

WELL SITE PROP. OWNER: Hui-Hsin Sally Chang 1/11/21 — DRILLING CONTRACTOR: [signature] 1/11/2021

SM21-022 (EHS Permit #)

FOR DEPARTMENT USE ONLY:

	DATE	EHS SPECIALIST
INITIAL SITE INSPECTION		
APPLICATION APPROVAL	2/3/21	JBG
FIELD WORK INSPECTION		
RECEIPT OF WELL LOG		
FINAL		

SEAL PLACEMENT WITNESSED: ☐ YES ☐ NO ☐ N/A

DATE

DEPTH

SEAL MATERIAL

CASH REGISTER VALIDATION

$487.00 pd. via cc 1/11/21

COMMENTS:

Legend

SVP-1-5
SVP-1-15 ⊕ Proposed 5/15 Permanent Soil Vapor Probe Locations

Santa Cruz County
ENV HEATLH DIVISION

APPROVED BY
~~2/3~~ JBG

DATE
2/3/21

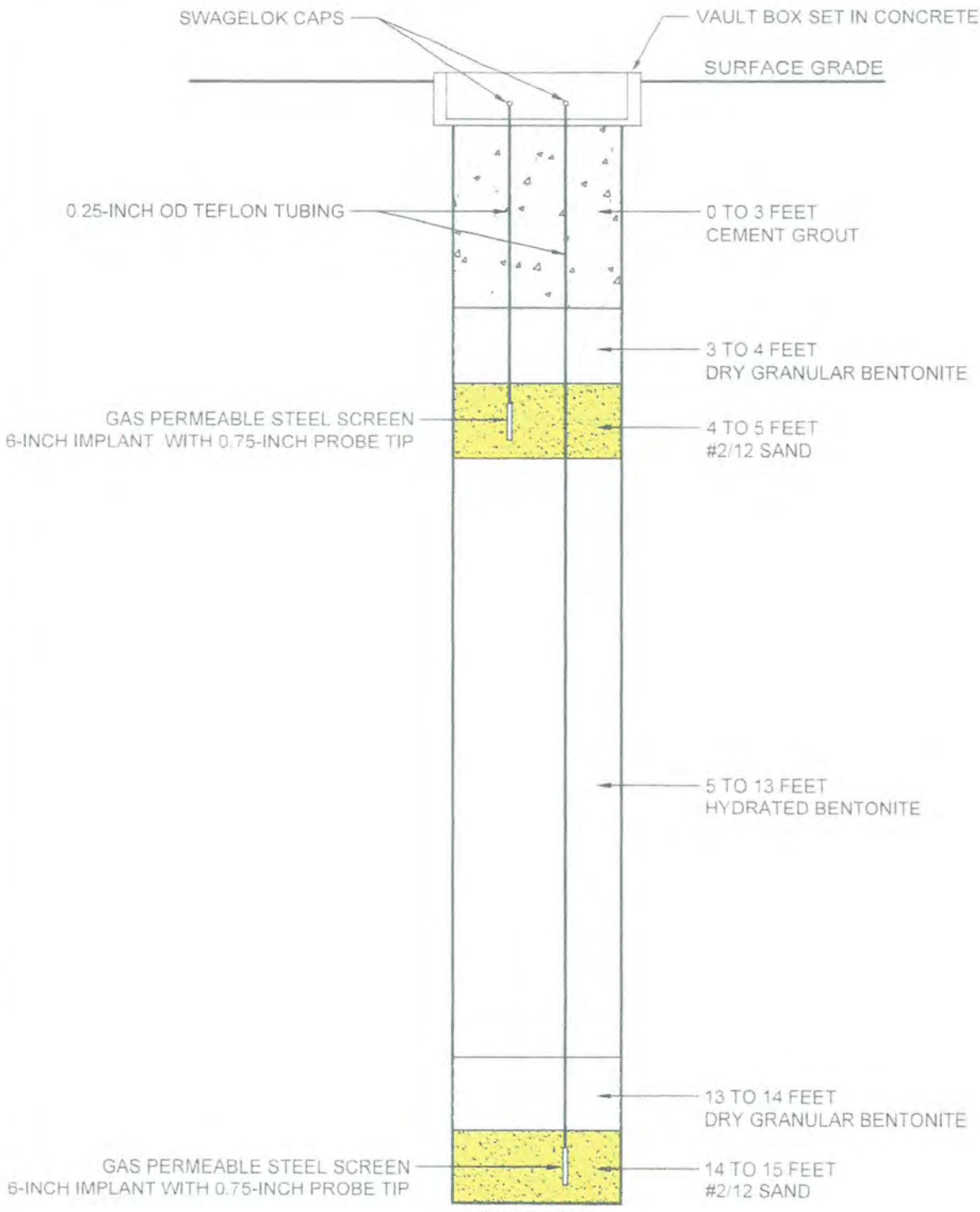
PERMIT #
SM021-022

TRINITY

PROPOSED SOIL VAPOR PROBE LOCATIONS
Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

PROJECT
575.002.005

FIGURE
2



REF. 575_001\ProbeDetail.dwg

NOT TO SCALE

PREPARED BY TRINITY

DOUBLE-NESTED SOIL VAPOR PROBE DETAIL

Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

PROJECT:
575.002.005

FIGURE:
3

SANTA CRUZ COUNTY HEALTH SERVICES AGENCY - ENVIRONMENTAL HEALTH SERVICE - 701 OCEAN ST. RM 312, SANTA CRUZ, CA 95060 (831) 454-2022

APPLICATION FOR SITE-MITIGATION-PROGRAM WELL PERMIT

■ New ☐ Replacement ☐ Supplemental ☐ Destruction ☐ Other _____ WELL NUMBER: SVP-3

026-741-16
Well APN

Site Mit Case APN (if diff.)

Well Site Address: 1600 Capitola Road, Santa Cruz, CA

Well Site Property Owner: 17th & Capitola, LP — Address (if diff.): 1818 Harper Street, Santa Cruz, CA 95065

Site Mit Case Address (if different):

Consultant: Trinity Source Group, Inc. — Address: 119 Encinal St, Santa Cruz, CA 95060

Drilling Contractor: Trinity Drilling Inc. — License #: C57-1010926 — Phone: 831-426-5600

Mail Correspondence To: dar@tsgcorp.net David Reinsma

WELL INFORMATION (Complete for All Permit Applications)

WELL TYPE (check all that apply)

- ☐ Groundwater Monitoring
- ■ Soil Gas Monitoring
- ☐ Remediation
- ☐ Groundwater Extraction
- ☐ Dual Phase Extraction
- ☐ Vapor Extraction
- ☐ Air Sparge
- ☐ Test Well
- ☐ Other

DISTANCE FROM WELL TO (ft.):

- Septic Systems: N/A
- Sewer: ~100 feet
- Nearest Property Line: ~50 feet

WELL CONSTRUCTION METHOD

- ☐ Hollow Stem
- ☐ Rotary
- ☐ Cable
- ☐ Sonic
- ■ Direct Push
- ☐ Other

WELL CASING SPECIFICATIONS

- Material: Teflon Tubing
- Gauge or Wall Thickness: 1/4" OD
- Internal Diameter (in.): 3.16"ID
- Type of Joint: N/A
- Perforation Interval (ft.): N/A
- Perforation Size (in.): N/A

WELL SPECIFICATIONS

- Borehole Diameter (in.): 2.25
- Depth of Borehole (ft.): 15
- Depth of Well (ft.): 15
- Cap, Lock, Vault Box: ■ Yes ☐ No
- **Seal Material(s)**: Bentonite grout
- Depth of Seal (ft.): 4 and 15
- Cement Interval (ft.): 0-3
- Hydrated Bentonite Int. (ft.): 5-13
- Dry Granular Bentonite Int. (ft.): 3-4 and 13-14
- Other Seal Material Int. (ft.): N/A
- **Filter Pack Material(s)**: #2/12 Sand
- Sand Interval (ft.): 4-5 and 14-15
- Other Filter Pack Interval (ft.): N/A

WELL SETTING (Complete for all Permit Applications)

WITHIN WATER DISTRICT SERVICE AREA? ■ Yes ☐ No Name: Santa Cruz Water Department

OTHER WELLS ON PROPERTY? ☐ Yes ■ No Number _____ Types: Domestic _____ Irrigation _____ Monitoring _____ Other _____

CONDITION OF OTHER WELLS ON PROPERTY: In Use _____ To Be Destroyed _____ Other _____

Attach 2 copies of a plot plan (see attached for requirements)

ADDITIONAL WELL DESTRUCTION INFORMATION

Proposed Destruction Method: _____ Attach original well construction log and a description of the proposed destruction method.

WORKER'S COMPENSATION CERTIFICATE

☒ A CURRENTLY EFFECTIVE CERTIFICATION OF WORKERS COMPENSATION INSURANCE FOR THE DRILLER IS ATTACHED OR ON FILE WITH EHS. INSURANCE CARRIER: State Compensation Insurance Fund POLICY #: ~~9151733-20~~ 9152112-20 JBG

☐ SIGNEES CERTIFY THAT IN THE PERFORMANCE OF THE WORK FOR WHICH THIS PERMIT IS ISSUED SIGNEES SHALL NOT EMPLOY ANY PERSON IN ANY MANNER SO AS TO BECOME SUBJECT TO THE WORKER'S COMPENSATION LAWS OF CALIFORNIA

Signees agree to the following statements: I hereby agree to comply with all laws and regulations of the County of Santa Cruz and State of California pertaining to wells, and declare under penalty of perjury the information submitted on this application is true and correct. I will notify EHS at least 5 business days prior to commencing work. Within 60 days after completion of work I will furnish EHS with a report of the work performed. I understand this permit expires one year from date of issuance.

Signatures:
WELL SITE PROP. OWNER: Hui-Hsin Sally Chang 1/11/21 DRILLING CONTRACTOR: [signature] ERIC CNOI 1/11/2021

SM21-023
(EHS Permit #)

FOR DEPARTMENT USE ONLY:

	DATE	EHS SPECIALIST
INITIAL SITE INSPECTION		
APPLICATION APPROVAL	2/3/21	JBG
FIELD WORK INSPECTION		
RECEIPT OF WELL LOG		
FINAL		

SEAL PLACEMENT WITNESSED: ☐ YES ☐ NO ☐ N/A
DATE
DEPTH
SEAL MATERIAL

CASH REGISTER VALIDATION

$487.00 pd.
Via CC
1/11/21

COMMENTS

Legend

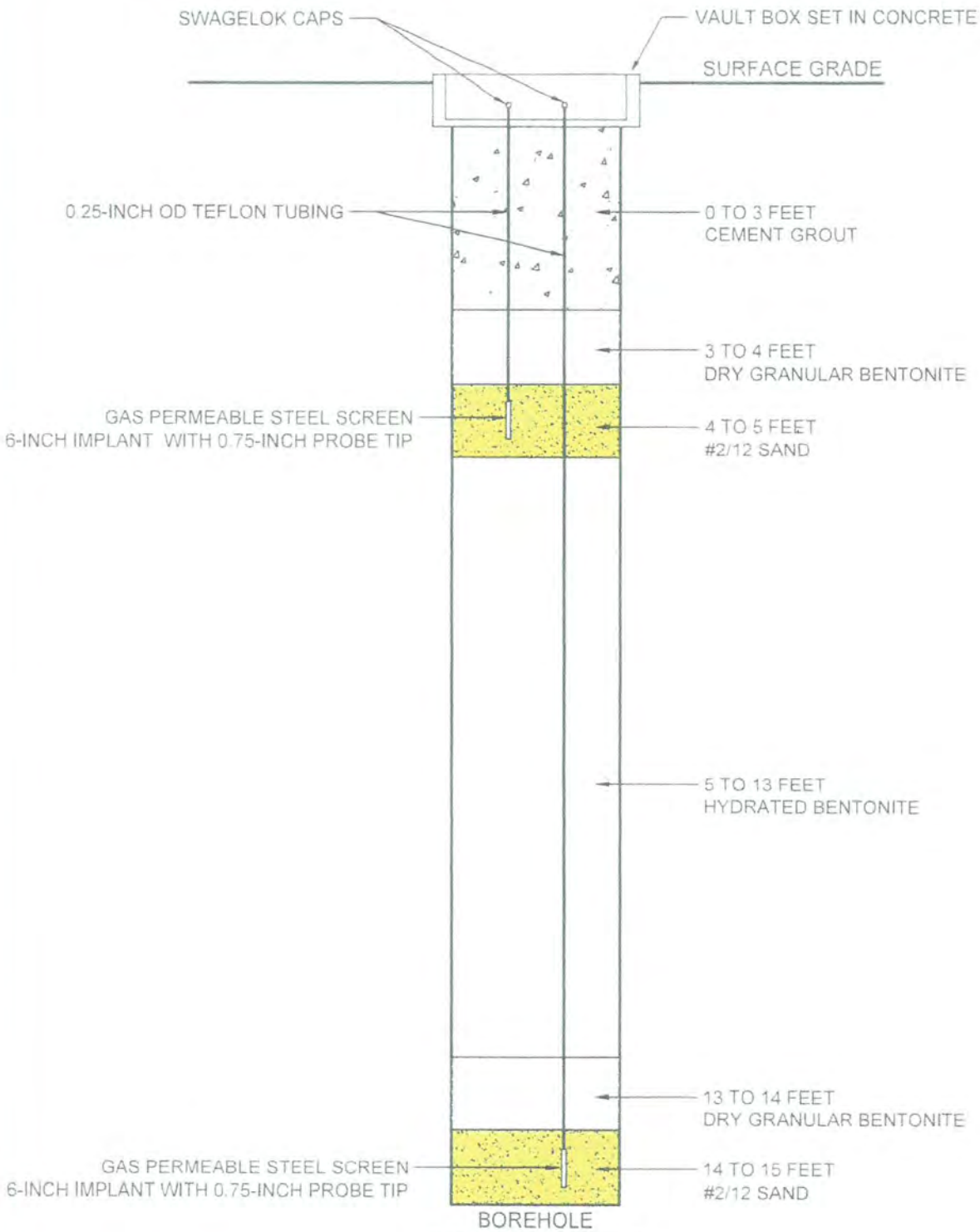
SVP-1-5
SVP-1-15 ⊕ Proposed 5/15 Permanent Soil Vapor Probe Locations

Santa Cruz County
ENV HEATLH DIVISION
APPROVED BY
JBG
DATE
2/3/21
PERMIT #
SM021-023

TRINITY

PROPOSED SOIL VAPOR PROBE LOCATIONS
Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

PROJECT
575.002.005
FIGURE
2



REF. 575_001\ProbeDetail.dwg

NOT TO SCALE

PREPARED BY TRINITY

DOUBLE-NESTED SOIL VAPOR PROBE DETAIL

Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

PROJECT: 575.002.005

FIGURE: 3

SANTA CRUZ COUNTY HEALTH SERVICES AGENCY - ENVIRONMENTAL HEALTH SERVICE - 701 OCEAN ST, RM 312, SANTA CRUZ, CA 95060 (831) 454-2022

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026-741-16
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Signees agree to the following statements: I hereby agree to comply with all laws and regulations of the County of Santa Cruz and State of California pertaining to wells, and declare under penalty of perjury the information submitted on this application is true and correct. I will notify EHS at least 5 business days prior to commencing work. Within 60 days after completion of work I will furnish EHS with a report of the work performed. I understand this permit expires one year from date of issuance.

Signatures:

WELL SITE PROP. OWNER: Hulin Hsiao Sally Chang 1/11/21 — DRILLING CONTRACTOR: [signature] EDIC CMU 1/11/2021

FOR DEPARTMENT USE ONLY:

SM21-024 (EHS Permit #)

CASH REGISTER VALIDATION

	DATE	EHS SPECIALIST
INITIAL SITE INSPECTION		
APPLICATION APPROVAL	2/3/21	JBG
FIELD WORK INSPECTION		
RECEIPT OF WELL LOG		
FINAL		

SEAL PLACEMENT WITNESSED: ☐ YES ☐ NO ☐ N/A

DATE

DEPTH

SEAL MATERIAL

$487.00 pd. via CC 1/11/21

COMMENTS

Legend

SVP-1-5
SVP-1-15 ⊕ Proposed 5/15 Permanent Soil Vapor Probe Locations

Santa Cruz County
ENV HEATLH DIVISION

APPROVED BY
JBG

DATE
2/3/21

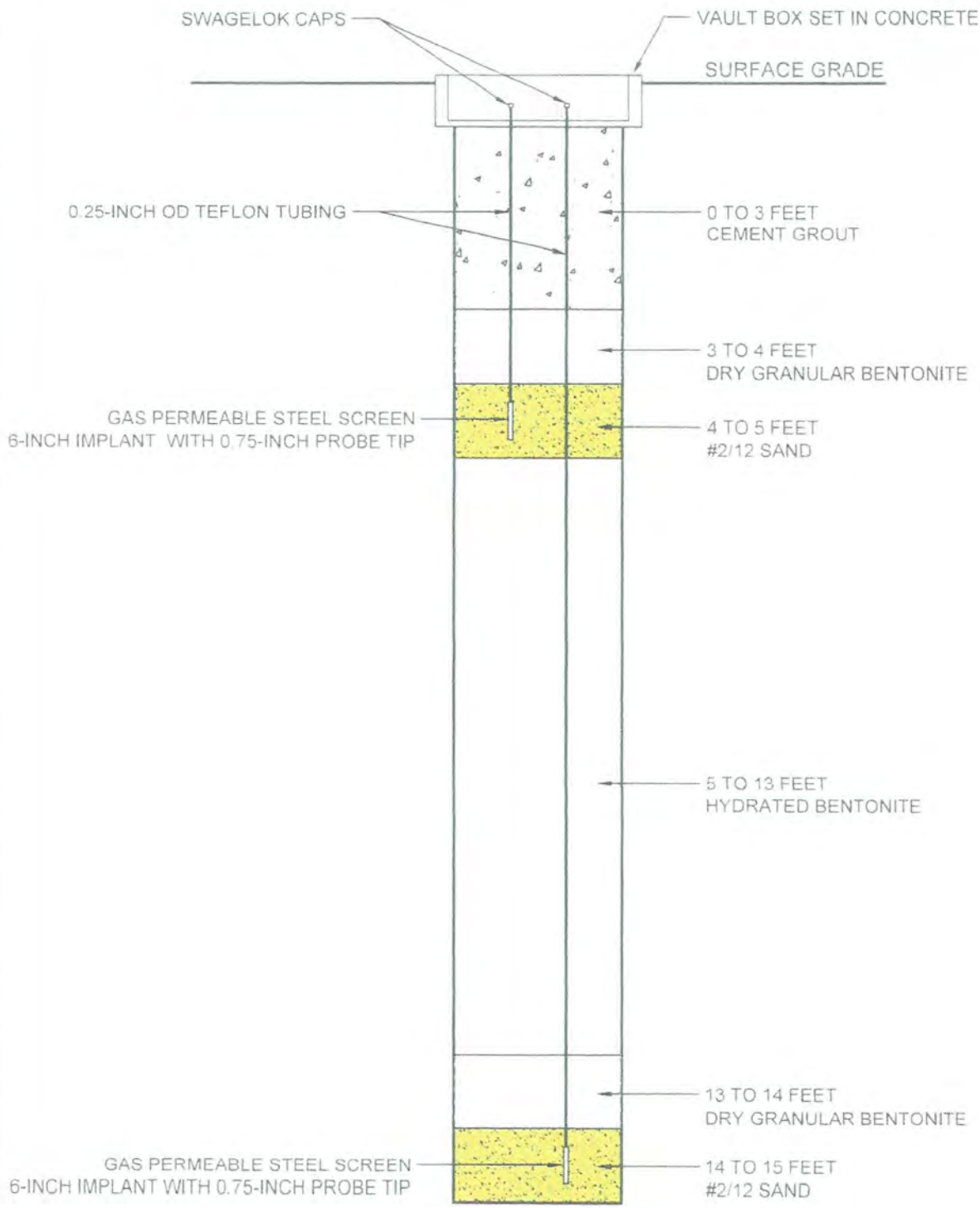
PERMIT #
SM021-024

TRINITY

PROPOSED SOIL VAPOR PROBE LOCATIONS
Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

PROJECT
575.002.005

FIGURE
2



REF. 575_001\ProbeDetail.dwg

NOT TO SCALE

PREPARED BY TRINITY

DOUBLE-NESTED SOIL VAPOR PROBE DETAIL

Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

PROJECT
575.002.005

FIGURE:
3

NO. 21-026

County of Santa Cruz

DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 95060-4070
(831) 454-2160 FAX (831) 454-2385 TDD (831) 454-2123

MATTHEW J. MACHADO
DIRECTOR OF PUBLIC WORKS

ENCROACHMENT PERMIT

TO:

Permittee Name	Trinity Source Group Inc.	Date Issued	1/15/2021
Mailing Address	119 Encinal St Santa Cruz, CA 95060	Project Description	Install soil probes in right of way
Phone	(831) 426-5600	Address	1600 Capitola Rd
Building Permit No.		Fee	$874.00
APN	026-741-16	Receipt #	
Contractor	Trinity Source Group Inc.	Phone	(831) 426-5600

Pursuant to Santa Cruz County Code Chapter 9.70 Street and Roads and subject to existing ordinances, and to all the terms, conditions, and restrictions written below or printed as general or special provisions on any part of this form and/or attached hereto, PERMISSION IS HEREBY GRANTED TO:

Encroachment permit to install 9 passive vapor soil probles in the county road right-of-way per the Job Copy plans, Santa Cruz County Design Criteria and Caltrans Specifications. Traffic control shall be implemented per the attached Caltrans Standards. Lane closures are 8:00 am to 4:00pm Monday - Friday. Permittee is responsible for any damage to road during construction. THIS PERMIT IS FOR WORK IN THE COUNTY RIGHT-OF-WAY ONLY. Please notify Inspector 1 week prior to starting the project @ (831)454-2054.

(Attach two sets of plans or sketches if applicable)

PLEASE READ THIS PERMIT CAREFULLY. Keep it at the work site. To arrange for an inspection, phone 454-2160 at least 48 hours prior to construction. Your attention is directed to the General Provisions attached herewith. This permit shall be void unless the work herein contemplated shall have been completed by: 1/15/2022

Accepting this permit or starting work hereunder shall constitute acceptance and agreement to all the conditions and requirements of this permit.

By: Signature of Permittee
Anna Mochulskaya
Permittee or Authorized Agent

By: MATTHEW J. MACHADO
Director of Public Works
Kristine Conley

THIS PERMIT BECOMES VALID WHEN BOTH PARTIES HAVE SIGNED

WORK COMPLETED: Date:_____ By:_____

NO. 21-026

County of Santa Cruz

DEPARTMENT OF PUBLIC WORKS

701 OCEAN STREET, ROOM 410, SANTA CRUZ, CA 95060-4070
(831) 454-2160 FAX (831) 454-2385 TDD (831) 454-2123

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Accepting this permit or starting work hereunder shall constitute acceptance and agreement to all the conditions and requirements of this permit.

Signature of Permittee

By: _____

Permittee or Authorized Agent

MATTHEW J. MACHADO
Director of Public Works

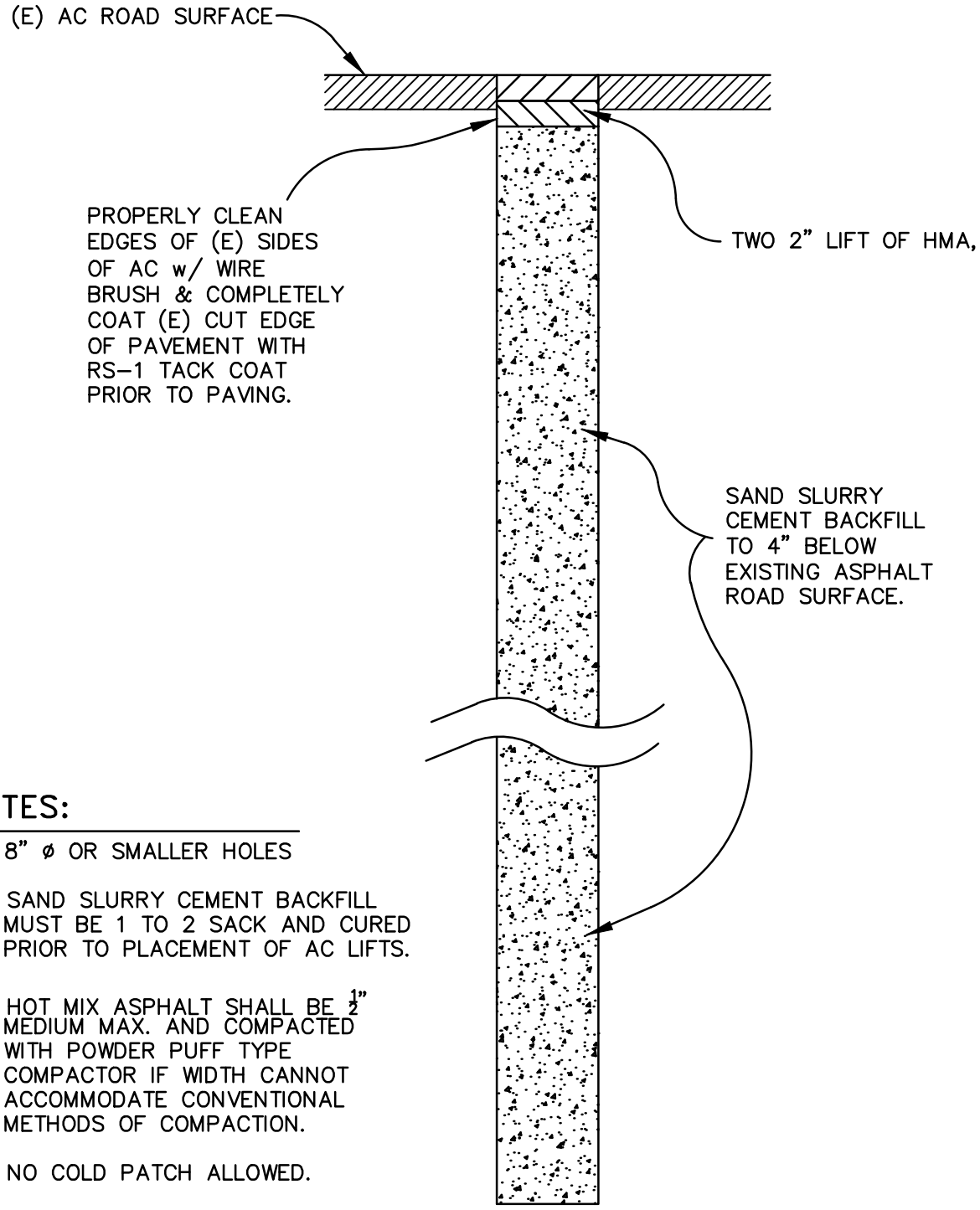
By: Kristine Conley

THIS PERMIT BECOMES VALID WHEN BOTH PARTIES HAVE SIGNED

WORK COMPLETED: Date:_____ By:_____

GENERAL PROVISIONS

1. Definition: This permit is issued pursuant to Chapter 9.70 of the Santa Cruz County Streets and Roads Code. The term "encroachment" is used in this permit as defined in said chapter 9.70 of the said Code, except as otherwise provided for public agencies and franchise holders. This permit is revocable on five days' notice.
2. Acceptance of Provisions: It is understood and agreed by the permittee that the doing of any work under this permit shall constitute an acceptance of the provisions.
3. No precedent established: This permit is granted with the understanding that this action is not to be considered as establishing any precedent on the question of the expediency permitting certain kinds of encroachment to be reckoned within right of way of County highways.
4. Notice prior to starting work: Before starting work, the permittee shall notify the Director of Public Works or other designated employee. Such notice shall be given at least 48 hours in advance of the date work is to begin. Unless otherwise specified, all work shall be performed on weekdays and during normal working hours of the grantor's inspector.
5. Keep permit on work: The permit shall be kept at the site of the work and must be shown to any representative of the grantor or any law enforcement officer on demand.
6. Permits from other agencies: The party or parties to whom this permit is issued shall, whenever the same is required by law, secure the written order of consent of any work hereunder from the Public Utilities Commission of the State of California or any other public board having jurisdiction and this permit shall be suspended in operation until such order of consent is obtained.
7. Protection of traffic: Adequate provisions shall be made for the protection of the traveling public. Barricades shall be placed with amber lights at night; also, flagmen employed. All of this may be required by the grantor for the particular work in progress. Warning signs, lights, and devices shall be placed in conformance with the requirements of the State of California, Department of Public Works.
8. Minimum interference with traffic: All work shall be planned and carried out so that there will be the least possible inconvenience to the traveling public except for the specific work permitted. One lane shall remain open to the traveling public at all times. Road closures are not allowed, except with special permission from the Director of Public Works.
9. Storage of material: No material shall be stored within two feet of the edge of the pavement or traveled way or within the shoulder line where the shoulders are wider than five feet. No supplies or equipment shall be stored on the highway until permittee is ready to start work.
10. Cleanup right of way: Upon completion of the work, all brush, timber, scraps, and material shall be entirely removed and the right of way left in as presentable condition as before work started.
11. All construction shall conform with the current edition of the California Division of Highways standard plans and specification, and the design criteria of the County of Santa Cruz. In case of conflict, the conditions of this permit will take precedence over standard specifications.
12. Trench Safety has not been checked and is NOT IMPLIED with this permit. For current Codes and Regulations contact: CAL/Osha (408) 452-7288 and for utility locations contact: USA Underground Service Alert 1-800-227-2600.
13. Future moving of installation: It is understood by the permittee that whenever construction, reconstruction, or maintenance work on the highway may require, the installation provided herein shall, upon request of the grantor, be removed or revised at the sole expense of the permittee within five days of such notice.
14. Liability for damages: The permittee is responsible and liable for personal injury or property damage which may arise out of the work herein permitted or which may arise out of failure on permittee's part to perform their obligation under this permit in respect to maintenance. If any claim for such injury or damage is made against the County of Santa Cruz or any department, officer, or employee thereof, permittee shall defend, indemnify, and hold them and each of them harmless from such claim.
15. Care of drainage: If the work herein contemplated shall interfere with established drainage, ample provision shall be made by the permittee to provide for it as may be directed by the grantor.
16. Maintenance: The permittee agrees by the acceptance of this permit to exercise reasonable care to maintain properly any encroachments placed by it in the highway and to exercise reasonable care in inspecting for and immediately repairing and making good any injury to any portion of the highway which occurs as a result of maintenance of the encroachment in the highway or as a result of the work done under this permit, including any and all injury to the highway which would not have occurred had such work not been done or such encroachment not placed therein.
17. Test results: Upon demand, the permittee shall provide the Director of Public Works with the results of tests showing that the compaction requirements have been complied with. Compliance shall be certified by a materials testing laboratory with local experience and said laboratory shall be acceptable to the Director of Public Works.
18. Pavement replacement: Any paved portion of County highway which is removed or damaged shall be replaced with a minimum replacement of 0.75 foot of Class II aggregate base and 0.25 foot of Type B asphalt concrete. Where the existing structural section is greater than the replacement requirement, the structural section removed shall be replaced in kind. Prior to repaving the existing pavement shall be cut on a straight line to give a vertical face to pave against.
19. Damages to roads: Permittee agrees to repair in a manner satisfactory to the County of Santa Cruz any damages to the roads in the project area result from this work.
20. Trimming or removing trees: Trimming of trees will be permitted only in the manner authorized by permit. Trimming of trees required for overhead utility clearance may be performed without a permit. Attention is directed to the Tree Policy approved by the Board of Supervisors.
21. If the provisions of this permit are not complied with, the County reserves the right to do any and all work necessary to bring the road into a safe condition. The costs of this work will be charged to the permittee. The County will give a reasonable notice of its intentions to make such repairs.



NOTES:

1. 8" ø OR SMALLER HOLES
2. SAND SLURRY CEMENT BACKFILL MUST BE 1 TO 2 SACK AND CURED PRIOR TO PLACEMENT OF AC LIFTS.
3. HOT MIX ASPHALT SHALL BE $\frac{1}{2}$" MEDIUM MAX. AND COMPACTED WITH POWDER PUFF TYPE COMPACTOR IF WIDTH CANNOT ACCOMMODATE CONVENTIONAL METHODS OF COMPACTION.
3. NO COLD PATCH ALLOWED.
4. MAY USE "PLUG–R" TYPE PLUS OR APPROVED EQUAL ON HOLES BELOW 2" ø.

GEOTECHNICAL & ENVIRONMENTAL BORINGS THROUGH ASPHALT ROAD SURFACE (SMALL)

REV 5/19

FIG. EP–3

1600 CAPITOLA RD
TRAFFIC CONTROL PLANS
SANTA CRUZ, CALIFORNIA

GENERAL NOTES:

1. ALL TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE LATEST EDITION OF THE CALIFORNIA MANUAL OF UNIFORM TRAFFIC CONTROL DEVICES (CA MUTCD), THE CALTRANS STANDARD PLANS AND SPECIFICATIONS, AND THE CALIFORNIA TEMPORARY TRAFFIC CONTROL HANDBOOK (CATTCH).
2. THE LOCAL FIRE DEPARTMENT, SHERIFF/POLICE DEPARTMENT, CALIFORNIA HIGHWAY PATROL, LOCAL SCHOOL DISTRICT, TRANSIT SERVICE PROVIDERS AND UNITED STATES POSTAL SERVICE SHALL BE NOTIFIED 72 HOURS IN ADVANCE OF CONSTRUCTION WORK.
3. ALL WORKERS SHALL BE EQUIPPED WITH A REFLECTIVE VEST AND HARD HAT PER THE LATEST ANSI/ISEA 107 STANDARDS. ALL FLAGGERS SHALL ALSO BE EQUIPPED WITH A R1-1/W20-8 "STOP/SLOW" PADDLE AND SHALL BE TRAINED IN THE PROPER FUNDAMENTALS OF FLAGGING TRAFFIC.
4. NO PARKING SIGNS SHALL BE PLACED IN ACCORDANCE TO LOCAL AGENCY REQUIREMENTS. OTHERWISE, NO PARKING SIGNS SHALL BE PLACED 72 HOURS PRIOR TO SET UP. SIGNS SHALL BE POSTED EVERY 20 LINEAR FEET OF OCCUPIED SPACE WITH AT LEAST ONE SIGN AT EACH END OF OCCUPIED SPACE.
5. ANY CONFLICTING SIGNS WILL BE COVERED FOR THE LENGTH OF THE JOB.
6. CONTRACTOR SHALL MAINTAIN EMERGENCY VEHICLE AND DRIVEWAY ACCESS AT ALL TIMES.
7. B.A.T.S TRAFFIC SOLUTIONS, INC. ACKNOWLEDGES NO RESPONSIBILITY IN THE CASE OF ANY ACCIDENT, INJURY, OR DEATH OCCURRING DURING THE USE OF THESE PLANS. PLANS ARE NOT TO BE DUPLICATED FOR USE BY ANY PERSONS NOT INCLUDED IN THIS CONTRACT WITHOUT WRITTEN CONSENT.
8. CITY ENGINEER OR HIS/HER REPRESENTATIVE HAS THE AUTHORITY TO INITIATE FIELD CHANGES TO ASSURE PUBLIC SAFETY.
9. IF PEDESTRIAN ACCESS IS RESTRICTED DURING WORK HOURS, AT LEAST ONE WORKER SHALL BE ASSIGNED WITH THE RESPONSIBILITY TO SAFELY ESCORT DISABLED, ELDERLY, AND/OR ANY OTHER PEDESTRIAN IN NEED OF ASSISTANCE. THE ASSIGNED WORKER(S) MAY ALSO PARTICIPATE IN OTHER CONSTRUCTION ACTIVITIES BUT SHALL ALWAYS BE AWARE OF HIS/HER RESPONSIBILITY TO PROVIDE THIS ASSISTANCE. PEDESTRIANS SHALL NOT BE DIRECTED NOR EXPECTED TO CROSS A ROADWAY AT ANY LOCATION OTHER THAN AT A SIGNALIZED INTERSECTION OR ALL-WAY STOP. ACCOMMODATIONS SHOULD BE MADE ON THE SAME SIDE OF THE ROADWAY AS THE WORK.
10. ALL ADVANCED WARNING SIGNS SHALL BE EQUIPPED WITH A HIGH-LEVEL WARNING DEVICE (FLAG TREE).
11. TYPE A OR TYPE B FLASHING WARNING LIGHTS SHALL BE USED, AS SHOWN ON THE PLAN, WHEN WORK IS AT NIGHT OR ENCROACHES THE HOURS OF DARKNESS. TYPE B FLASHING WARNING LIGHTS SHALL BE USED, AS SHOWN ON THE PLAN, WHEN WORK IS 24/7 SETUP.
12. LIGHT TOWERS SHALL BE USED AT FLAGGER STATIONS AND WORK AREAS WHEN WORK IS AT NIGHT OR ENCROACHES THE HOURS OF DARKNESS. HIGHWAY CONSTRUCTION WORK LIGHTING SHALL BE PER CALIFORNIA CODE OF REGULATIONS CONSTRUCTION SAFETY ORDER 1523 (TILE 8, DIVISION 1, CHAPTER 4, SUBCHAPTER 4, ARTICLE 3, SECTION 1523).
13. WHEN APPLICABLE, PLACE A MINIMUM OF FOUR CONES AT 50FT INTERVALS IN ADVANCE OF FLAGGER STATION.
14. WHEN APPLICABLE, PLACE SHOULDER TAPER IN ADVANCE OF PCMS BOARD. SEE TABLE 1 ON CALTRANS STD T9 FOR SHOULDER TAPER LENGTH.
15. NOTHING ALLOWED IN BUFFER OR TRANSITION AREAS UNLESS OTHERWISE SHOWN ON THE PLAN.
16. CONTRACTOR SHALL PLATE EXCAVATED AREA DURING NON-WORKING HOURS.
17. PLAN IS ACCURATE FOR TRAFFIC CONTROL WORK ONLY. EXCAVATION LOCATION IS APPROXIMATE AND FOR REFERENCE ONLY.
18. CONES SHOWN ON PLAN ARE FOR ILLUSTRATION PURPOSES ONLY. EXACT NUMBER OF CONES REQUIRED SHALL BE BASED ON THE POSTED SPEED, TANGENT LENGTHS, TAPER LENGTHS, CONFLICT SECTIONS, AND ACTUAL FIELD CONDITIONS, ETC.

No.	DATE	DESCRIPTION	DWN	CHKD	SUPV
0	01/05/21	ISSUED FOR PERMIT	VRB	VRB	VRB

REVISIONS

1600 CAPITOLA RD
TRAFFIC CONTROL PLANS

SANTA CRUZ, CALIFORNIA

TCP REQUEST BY:
TRINITY SOURCE GROUP
ANNA MACHULSKAYA
AM@TSGCORP.NET

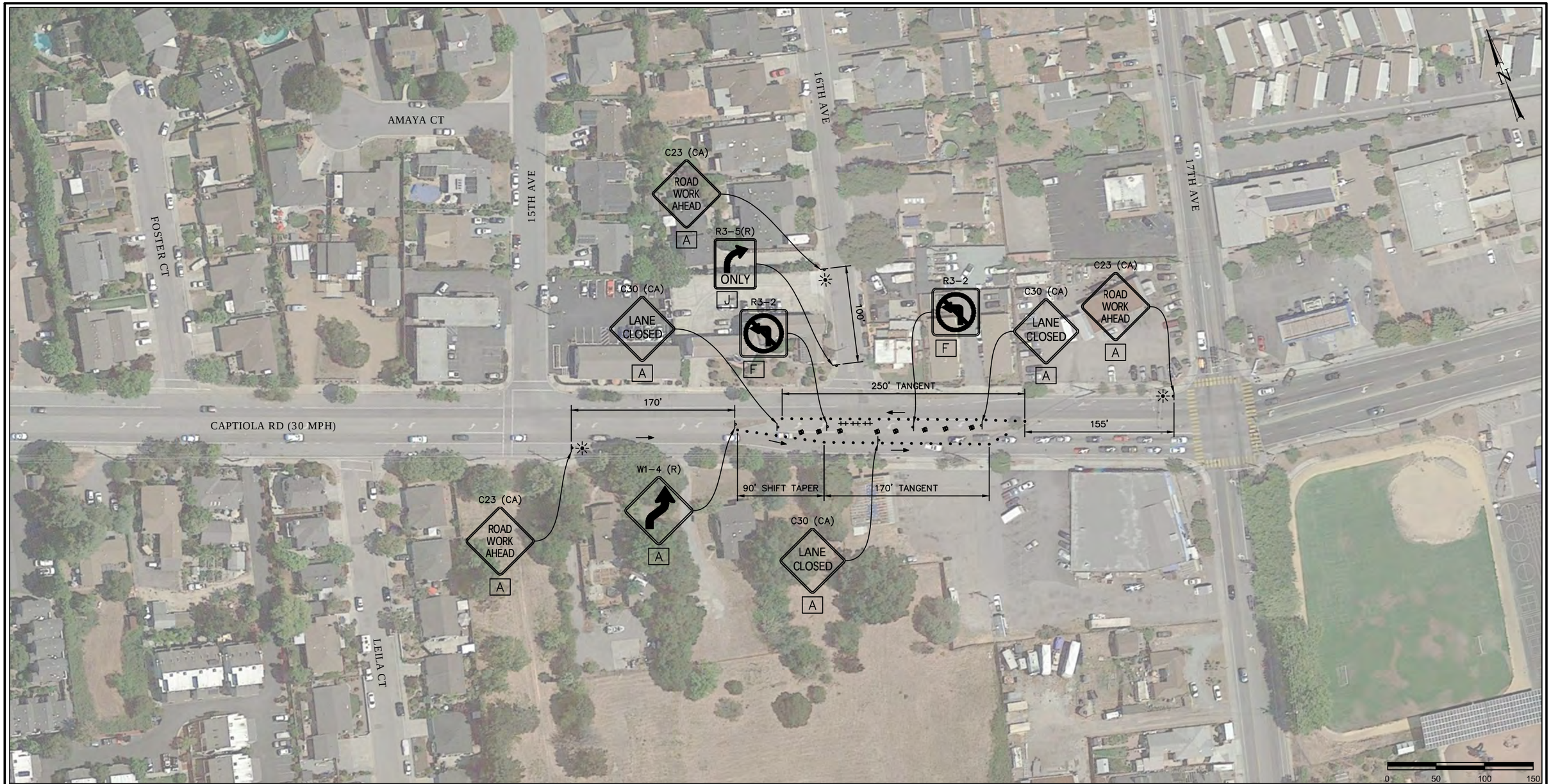
B.A.T.S. TRAFFIC SOLUTIONS
CSLB# 917034
OFFICE: 510-657-2543
FAX: 510-657-2544

44800 INDUSTRIAL DR, FREMONT, CA 94538
WWW.BATSTRAFFICSOLUTIONS.COM

DWN: VRB
CHKD: VRB
SUPV: VRB
DATE: 01/05/21

AFTER HOURS EMERGENCY
510-299-5666

TCP QUESTIONS?
EMAIL: TCPORDERS@GOBATS.NET



SYMBOLS (THIS SHEET ONLY):

- → = TRAFFIC LANE CONFIGURATION
- ⊸ = TEMPORARY TRAFFIC CONTROL SIGN
- • = CHANNELIZING DEVICE (SPACING PER TABLE 1 ON CALTRANS STD T9)
- ✳ = FLASHING WARNING LIGHT (SEE GENERAL NOTE 11 ON SHEET 1)
- ◙ = POTHOLE
- ‡ = TYPE III BARRICADE

SIGN PANELS (THIS SHEET ONLY):

- A 48"x48"
- F 36"x36"
- J 30"x36"

No.	DATE	DESCRIPTION	DWN	CHKD	SUPV
0	01/05/21	ISSUED FOR PERMIT	VRB	VRB	VRB

REVISIONS

1600 CAPITOLA RD
TRAFFIC CONTROL PLANS

SANTA CRUZ, CALIFORNIA

TCP REQUEST BY:

TRINITY SOURCE GROUP
ANNA MACHULSKAYA
AM@TSGCORP.NET

B.A.T.S. TRAFFIC SOLUTIONS
CSLB# 917034
OFFICE: 510-657-2543
FAX: 510-657-2544
44800 INDUSTRIAL DR, FREMONT, CA 94538
WWW.BATSTRAFFICSOLUTIONS.COM

DWN: VRB
CHKD: VRB
SUPV: VRB
DATE: 01/05/21

AFTER HOURS EMERGENCY
510-299-5666

TCP QUESTIONS?
EMAIL: TCPORDERS@GOBATS.NET

SYMBOLS (THIS SHEET ONLY):

- → = TRAFFIC LANE CONFIGURATION
- ⊸ = TEMPORARY TRAFFIC CONTROL SIGN
- • = CHANNELIZING DEVICE (SPACING PER TABLE 1 ON CALTRANS STD T9)
- ✳ = FLASHING WARNING LIGHT (SEE GENERAL NOTE 11 ON SHEET 1)
- ◙ = POTHOLE

SIGN PANELS (THIS SHEET ONLY):

- A 48"x48"
- N 24"x30"

No.	DATE	DESCRIPTION	DWN	CHKD	SUPV
0	01/05/21	ISSUED FOR PERMIT	VRB	VRB	VRB

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EMAIL: TCPORDERS@GOBATS.NET

PASSIVE SOIL GAS TESTING:

STANDARD FOR SITE CHARACTERIZATION

Beacon Environmental Services, Inc.
2203A Commerce Road
Suite 1
Forest Hill, MD 21050 USA

Beacon is the recognized leader in passive soil gas and air sampling

DoD ELAP, NELAP, and ISO/IEC 17025 Accredited Laboratory
NEFAP Accredited Field Sampling Organization
Accreditation No. 72690

PASSIVE SOIL GAS TESTING:

STANDARD FOR SITE CHARACTERIZATION

Background and Introduction

Passive soil gas surveys utilize adsorbent samplers that are emplaced subsurface to adsorb volatile and semivolatile organic compounds (VOCs and SVOCs) in soil gas without forcing the flow rate of gas, that can yield a more representative sample than active soil gas methods. Samplers are typically placed in a grid pattern to simultaneously sample trace levels of compounds in soil gas that originate from contamination in soil or groundwater. By sampling all locations at the same time, the temporal variations in soil-gas concentrations that are known to occur daily and even hourly are normalized. In addition, the spatial variability of contamination is better defined with a passive soil gas survey because the lower sampling and analytical costs of the method allow for more locations to be sampled than normally would be with a fixed budget. Passive soil gas (PSG) methods have been demonstrated to be more sensitive and reproducible than active soil gas methods and are able to target a broad range of organic compounds from vinyl chloride to polynuclear aromatic hydrocarbons (PAHs) and other SVOCs.

The analytical results for a passive soil gas method are presented in units of mass (e.g., nanograms of each individual compound) for comparison between sample locations to identify source areas, identify the potential for vapor intrusion, to delineate the lateral extent of contamination, including migration pathways, and to monitor remediation programs. When requested, the mass measured (ng) can be converted to a concentration by dividing the mass (ng) by the sampler uptake rate (ml/min) and the sampling period (min), which is then multiplied by a value of 1,000 to convert ng/ml to ug/m^3. The Beacon PSG Sampler has verified uptake rates when sampling in air for a suite of chlorinated and BTEX compounds. For soil gas sampling, the concentrations reported represent the concentration of the identified compounds under steady state (natural) conditions by passive sampling, as opposed to active sampling with a pump or evacuated canister that may create a momentary vacuum in the soil during the time of sampling. If the soils at the site have low porosity, the formation itself could limit transport of soil gas to the samplers resulting in the reported concentration being biased low. However, the Beacon sampler has a low and controlled uptake rate to limit this bias from occurring.

Passive soil gas (PSG) results are based on a higher level of QA/QC than can be achieved with other field screening methods. Measurements are based on a five-point initial calibration with the lowest point on the calibration curve at or below the practical quantitation limit of each compound. Internal standards and surrogates are included with each analysis – per EPA Method 8260C – to provide proof of performance that the system was operating properly for each sample and to provide consistent reference points for each analysis, which enables an accurate comparison of measured quantities. Trip blanks are analyzed with each batch of samples and because two sets of hydrophobic adsorbent cartridges are provided in each Sampler, duplicate or confirmatory analyses can be performed for any of the sample locations. A representative list of compounds that can be targeted with passive soil gas surveys is provided in **Table 1**.

Table 1
Passive Soil-Gas Survey
Representative List of Target Compounds

TPH C_4-C_9	Chlorobenzene
TPH C_{10}-C_{15}	Ethylbenzene
Vinyl Chloride	p & m-Xylene
1,1-Dichloroethene	Bromoform
Methylene Chloride	1,1,2,2-Tetrachloroethane
1,1,2-Trichlorotrifluoroethane (Freon 113)	o-Xylene
trans-1,2-Dichloroethene	1,2,3-Trichloropropane
Methyl-t-butyl ether (MTBE)	Isopropylbenzene
1,1-Dichloroethane	1,3,5-Trimethylbenzene
cis-1,2-Dichloroethene	1,2,4-Trimethylbenzene
Chloroform	1,3-Dichlorobenzene
2,2-Dichloropropane	1,4-Dichlorobenzene
1,2-Dichloroethane	1,2-Dichlorobenzene
1,1,1-Trichloroethane	n-Butylbenzene
1,1-Dichloropropene	1,2,4-Trichlorobenzene
Carbon Tetrachloride	Naphthalene
Benzene	Hexachlorobutadiene
1,2-Dichloropropane	Trichlorobenzenes
Trichloroethene	2-Methylnaphthalene
1,4-Dioxane	Tetrachlorobenzenes
1,1,2-Trichloroethane	Acenaphthylene
Toluene	Acenaphthene
1,3-Dichloropropane	Pentachlorobenzene
1,2-Dibromoethane (EDB)	Hexachlorobenzene
Tetrachloroethene	Phenanthrene
1,1,1,2-Tetrachloroethane	Anthracene

Note: Additional compounds may be targeted to meet project specific requirements. The reporting quantitation level (RQL) for each compound is 25 nanograms (ng) and the RQL for TPH is 5,000 ng; however, the demonstrated limit of quantitation (LOQ) for each compound is typically 10 ng.

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The following document is broken into two separate parts:

1. General Overview of Passive Soil Gas Investigation for Site Characterization
2. Step-by-Step Passive Soil Gas Sampler Installation and Retrieval

For the complete site characterization, Beacon Environmental recommends a passive soil gas survey be performed followed by a limited and focused soil and/or groundwater sampling program to measure the concentrations of identified compounds. The primary purpose of this document is to describe the methods and procedures used to perform a passive soil gas investigation.

Part 1: General Overview of Passive Soil Gas Investigation for Site Characterization

1.0 Survey Design

The survey design varies depending on the amount of historical and other site information that is available prior to initiating the passive soil gas (PSG) survey. Typically an unbiased grid is established across the site with additional biased sample locations to target specific features. The spacing between sample locations is dependent upon the expected depth of the chemicals of concern (CoC), the soil types, and the size of the area to be investigated. Generally, a grid with 25-foot spacing between sample locations is used to identify source areas, but the actual spacing will be dependent additionally on the size of the area of investigation and the project budget. Wider grids and transects are used to track groundwater contamination. Global positioning system (GPS) equipment can be used to collect the sample location coordinate data.

Beacon Environmental provides a BESURE Sample Collection Kit™ with detailed instructions to allow samples to be collected by an environmental field technician. Following collection in the field, the samplers are returned to Beacon Environmental's laboratory for analysis using thermal desorption-gas chromatography/mass spectrometry (TD-GC/MS) instrumentation following EPA Method 8260C. A comprehensive survey report is provided by Beacon Environmental that includes results in tabular form as well as on color isopleth maps showing the distribution of compounds identified in the investigation (see **Figure 1** below).

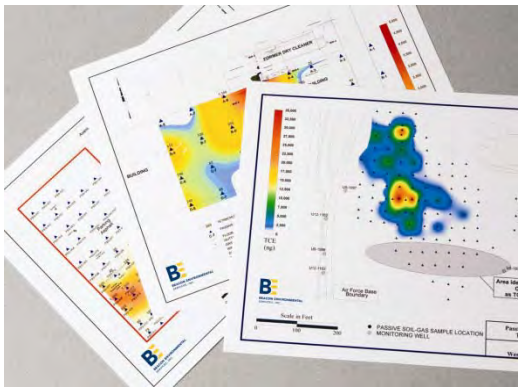

Figure 1 – Example Color Isopleth Maps

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2.0 Soil-Gas Sampling Procedures

To perform the soil-gas investigation, Beacon Environmental provides a BESURE Sample Collection Kit™ with all the materials necessary to collect the requested number of soil-gas samples. To collect soil-gas samples, an approximately one-inch diameter hole is advanced to the appropriate depth to meet the objectives of the survey (e.g., one to three feet). The PSG Sampler (which contains two sets of ***hydrophobic adsorbent*** cartridges) is installed in the hole and covered with an aluminum foil plug and soil to seal the sampler in the ground. The adsorbent cartridges used by Beacon Environmental are hydrophobic, which allows the samplers to be effective even in water-saturated conditions. Extensive empirical evidence, which is supported by a government study, has proven that hydrophobic adsorbents work perfectly well in high moisture conditions and should not be encased by a hydrophobic membrane.

For locations covered by asphalt or concrete surfacing, an approximately 1 ½-inch diameter hole is drilled through the surfacing to the underlying soils. A ½" to 1" diameter drill bit can then be used to advance the hole to a three foot depth to increase the sensitivity of the method. The upper 12 inches of the hole is sleeved with a sanitized metal pipe provided in the Kit. After the Sampler is installed inside the metal pipe, the hole is patched with an aluminum foil plug and a thin concrete patch to effectively protect the sampler.

The samplers are exposed to subsurface gas for approximately three to 14 days, with the exact length of time appropriate to meet the objectives of the survey. The sampler is shipped to the site with a length of wire wrapped around the vial and twisted around the shoulder of the vial to expedite retrieval from the ground. Following the exposure period, the Samplers are retrieved and shipped to Beacon Environmental's laboratory for analysis. It is not necessary to use ice or preservatives during shipment; however, the samplers are sealed and shipped under established chain-of-custody procedures. Trip blanks, which remain with the other samples during preparation, shipment, and storage, are included at a typical rate of five percent of the total number of field samples. **Figure 2** shows a PSG Sampler as it looks when received in the BESURE Kit™.

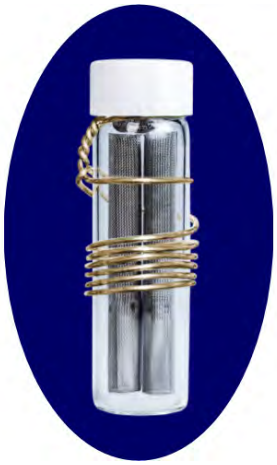

Figure 2 – Beacon PSG Sampler

A two-person team can install approximately 50 to 100 samplers per day depending on the number of sample locations that are covered with asphalt, concrete, or gravel surfacing. For retrieval of the Samplers, one person can retrieve approximately 50 samplers per day and patch the holes through the surfacing. **Figure 3** shows installation through asphalt and grass surfaces, respectively.

Figure 3 — Installation of Samplers with Beacon Environmental's BESURE Kit™

The amount of days required to complete the installation and retrieval procedures is dependent upon the number of personnel deployed for the execution of the fieldwork, weather conditions, and health and safety considerations.

3.0 Analytical Procedures

A chain-of-custody accompanies the field samples at all times from the time the samples are collected until final analysis. BESURE Kits™ are shipped with tug-tight custody seals to ensure that samplers are not tampered with during transport (see **Figure 4**). Once samples are received at the laboratory, the sample custodian receives the samples and logs the samples into the laboratory's Sample Receipt Log.

Figure 4 – BESURE Sample Collection Kit™

Beacon Environmental's laboratory is maintained in a safe and secure manner at all times. The facility is locked when not occupied and is monitored for fire and unauthorized access. Beacon Environmental personnel escort all visitors at all times while inside the facility. Neither soil nor water analyses are performed at Beacon Environmental, so no solvents are stored or used that

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can create background contamination problems as experienced by wet labs. This ensures that a clean laboratory environment is maintained for trace analyses.

Soil gas samples are analyzed by Beacon Environmental using thermal desorption-gas chromatography/mass spectrometry (TD-GC/MS) instrumentation, following EPA Method 8260C procedures. Samples are routinely analyzed for a list of approximately 40 compounds, which can additionally include total petroleum hydrocarbons (TPH). Results are based on an ***initial five-point calibration***. In addition, a BFB tune is performed daily and a method blank is run following the daily calibration verifications. ***Internal standards and surrogates*** are included with each sample analysis. The laboratory's reported quantitation level (RQL) for each of the targeted compounds is 10 or 25 nanograms (ng); however, the limit of quantitation (LOQ) is 10 ng and the limit of detection (LOD) is 5 ng. MDL studies are performed, as well. As an option, tentatively identified compounds (TICs) can be reported for each sample, with the results based on the closest internal standard to the TIC.

Beacon Environmental is known for providing the highest level of accuracy and quality assurance and quality control (QA/QC) procedures for the analysis of soil gas samples in the industry. The table below summarizes these analytical procedures.

Description	**Included**
Analysis by thermal desorption-gas chromatography/mass spectrometry (TD-GC/MS) following EPA Method 8260C - Accredited	√
Analytical results based on 5-point initial calibration	√
MDLs are based on a seven replicate study with contiguous analyses	√
Limit of Detection (LOD) and Limit of Quantitation (LOQ) studies performed quarterly	√
Internal standards and surrogates included with each run	√
BFB tunes (5 to 50 nanograms through GC, per method)	√
Continuing calibration checks and method blanks	√

Analyses of the samples are performed at Beacon Environmental's laboratory using state-of-the-art instruments that are listed below. The Markes thermal desorption instruments outperform other older thermal desorption equipment, which cannot target as broad a range of compounds with as much sensitivity or accuracy.

- Agilent 7890 Gas Chromatograph / 5975 Mass Spectrometer,
- Markes UltrA autosampler and Unity thermal desorber,
- Markes TD100 and TD100xr, and
- Markes Mass Flow Controller Module.

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4.0 Reporting

Following analysis and a thorough data review, a comprehensive survey report is provided that contains:

project objectives,
the investigation plan,
the QA/QC program and findings,
laboratory data,
color isopleth maps showing the distribution of detected compounds,
field procedures,
laboratory procedures,
Field Deployment Reports, and
Chain-of-Custody documentation.

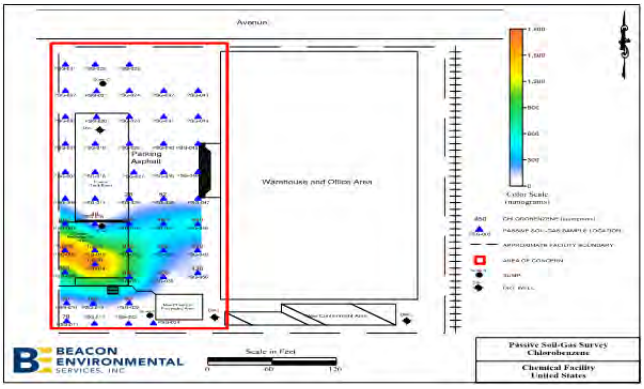

Figure 5 – Example Color Isopleth Map

Beacon Environmental requests a CAD drawing of the site is provided with coordinate data for each location to facilitate creation of color isopleth maps. BEACON can provide the color isopleth maps as layers for use with CAD software or provide data files of the contours for use with GIS software. Beacon Environmental provides post survey support to assist in interpreting the data, when requested.

Biography of Author

Harry O'Neill is the President of Beacon Environmental Services and has managed soil gas and vapor intrusion investigations for more than 25 years, working on federal, state, and commercial projects throughout the United States, as well as internationally across six continents. Under his direction since 1999, Beacon Environmental has achieved DoD ELAP, NELAP, and ISO/IEC 17025 accreditation for the analysis of soil gas and air samples to target trace concentrations of organics using sorbent samplers. In addition, Mr. O'Neill oversaw the implementation of the quality program that enabled Beacon to become the first National Environmental Field Activities Program (NEFAP) accredited field sampling and measurement organization (FSMO) in the United States, and the company's accreditation is for the collection of soil gas and air samples. Mr. O'Neill has been on the forefront of the acceptance of passive sampling technologies at the national and international level and has managed the implementation of thousands of soil gas and air sampling surveys. He is a member of AWMA, ITRC, and ASTM, and is the lead author of ASTM Standard D7758: *Standard Practice for Passive Soil Gas Sampling in the Vadose Zone* and has published and presented findings throughout the United States, as well as internationally across four continents as an invited speaker. Mr. O'Neill can be contacted at Harry.ONeill@Beacon-usa.com or by phone at 1-410-838-8780.

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Part 2: PSG Sampler Step-by-Step Installation and Retrieval Procedures

PSG Sampler Installation

1. At each survey point, clear vegetation as necessary and, using a hammer drill and drill bit (or comparable equipment), create a 1"- to 1½"-diameter hole approximately 12 inches deep, but can be as shallow as 6 inches. When appropriate, use a ½" to 1" diameter drill bit to extend the hole to a three foot depth. Note: In areas of very organic topsoil or landscaped areas (*i.e.*, mulched areas, gardens, etc.) it is important to get beneath the organic soil layer to the underlying soil below. For locations covered with asphalt or concrete, an approximately 1½"-diameter hole is drilled through the surfacing to the underlying soils and the hole is sleeved with a 12" long pre-cleaned, aluminum pipe provided in the BeSure Sample Collection Kit. The pipe is then pushed or tapped ½" to 1" into the base of the hole using a hammer and tapping dowel also provided in the Kit.

2. After the hole is created, remove a Beacon PSG Sampler (a rugged, borosilicate glass vial containing two sets of ***hydrophobic adsorbent cartridges***) and unwind the retrieval wire wrapped around it. Holding the capped end of the vial in one hand, pull the wire tight (to straighten it) with the other hand. Remove the solid cap on the Sampler Vial and replace it with a Sampling Cap (a one-hole cap with a screen meshing insert). Store the solid cap in the Cap Storage Container.

3. Lower the Sampler with the screened-capped-end pointing down into the hole. If the hole was created to a greater depth it is only necessary to suspend the sampler in the upper portion of the hole because compounds in soil gas that enter the hole will migrate up to the sampler. With the retrieval wire extending from the hole, plug the top of the hole with aluminum foil and use a hammer to collapse the soils above the foil plug. Coil the wire and lay it flat on the ground surface. For those locations through concrete or asphalt, lower the Sampler into the aluminum pipe and bend the end of the wire over the top of the pipe so that the coil of wire hangs over the top and outside the pipe. Next, plug the top of the hole with a wad of aluminum foil and a thin concrete patch (approximately ¼" thick) to effectively seal the Sampler in the ground. **Figure 6** depicts sampler installation options.

4. Close the Kit, and on the Chain of Custody record: (a) sample-point number; (b) date and time of emplacement; and (c) other relevant information (*e.g.*, soil type, vegetation, proximity to potential source areas). Be sure to mark the sample location and take detailed notes (*i.e.*, compass bearings and distances from fixed reference points or GPS coordinates).

5. Move to next location.

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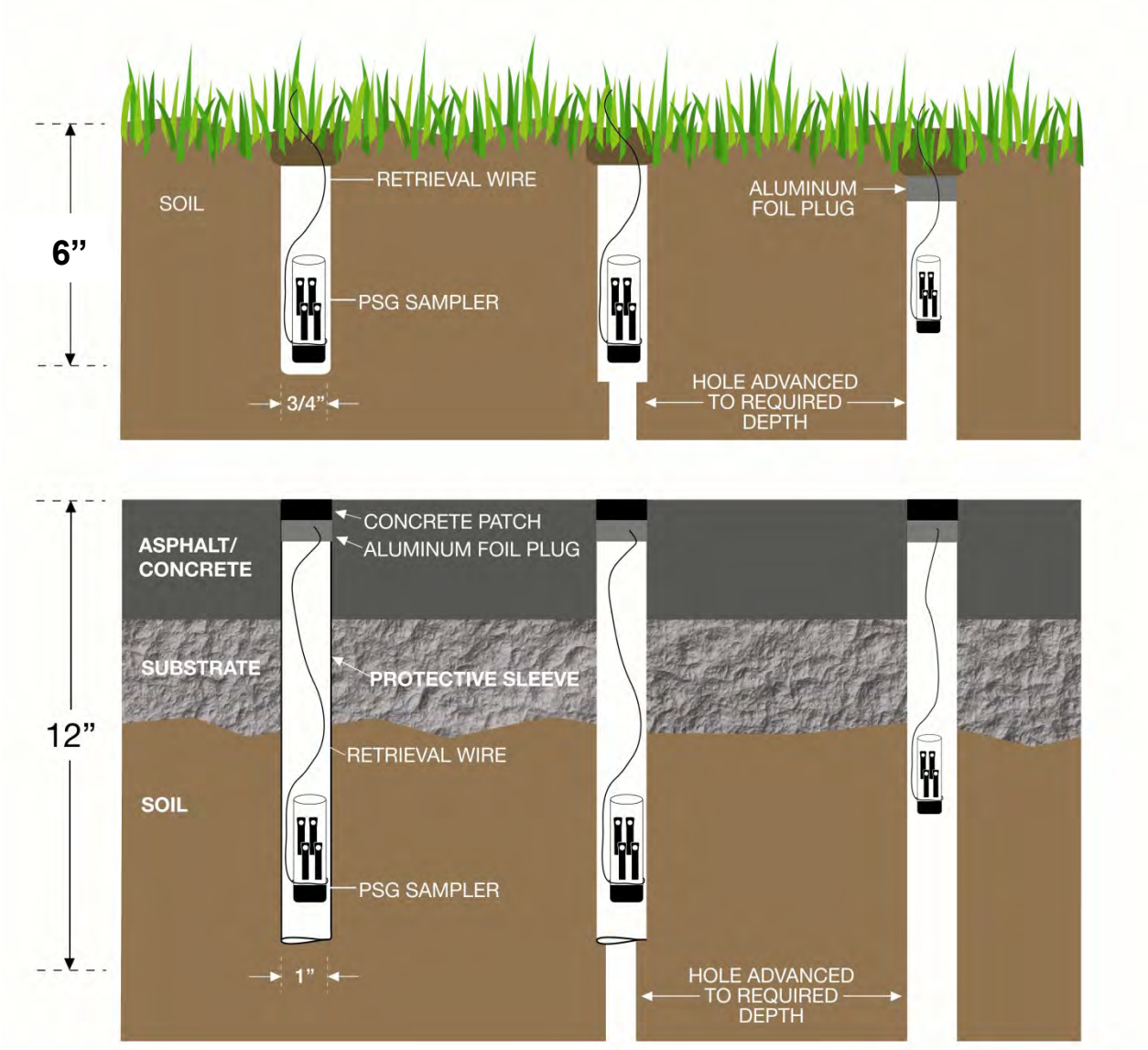

Figure 6 – Sampler Installation Options

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PSG Sampler Retrieval

1. At each sample location open the BeSure Sample Collection Kit and place it and the wire cutters within easy reach. Remove a square of gauze cloth and place it and a clean towel on the open Kit. Remove a solid cap from the Cap Storage Container and place it on the Kit, also.

2. Expose the Sampler by pulling on the wire when in soils or using a small chisel and hammer to chip the thin concrete patch away when in asphalt/concrete. Retrieve the Sampler from its hole by pulling on the retrieval wire. Holding the Sampler upright, clean the sides of the vial with the clean towel (especially close to the Sampling Cap). Remove the Sampling Cap, cut the wire from the vial with the wire cutters, and clean the vial threads completely with the gauze cloth.

3. Firmly screw the solid cap on the Sampler Vial and with a ballpoint pen record the sample number, corresponding to the sample location, on the cap's label.

4. On the Field Deployment Report, record: (a) date and time of retrieval (to nearest minute); and (b) any other relevant information.

5. Return the sampling cap to the Sampling Cap container. Place the sealed and labeled Sampler Vial in a 3" x 4" re-sealable Sampler Bag. Then place the individually bagged and labeled sampler into the larger bag labeled "Return Shipment Bag." Each sampler is to be individually bagged and placed in a Return Shipment Bag, with at least one trip blank per Return Shipment Bag included with the PSG Samplers.

6. On the Chain of Custody, record: (a) date and time of retrieval; and (b) any other relevant information. After all samples have been retrieved, verify that the caps on each Sampler are sealed tightly and that the seals on the Sampler Bags are closed. Verify that all Samplers are stored in the Return Shipment Bag, which contains an adsorbent pack. Seal the Return Shipment Bag and place it in the upper tray of the Kit, and place the provided tools and materials in the lower compartment of the Kit.

7. Complete the chain-of-custody for shipment of Samplers. Seal the BESURE Sample Collection Kit with the provided tug tight custody seal, provided in the Kit, which has a unique identification number that is documented on the chain-of-custody. Place the Kit and paperwork in a cardboard box and ship via overnight delivery to Beacon Environmental Services for analysis of the samples.

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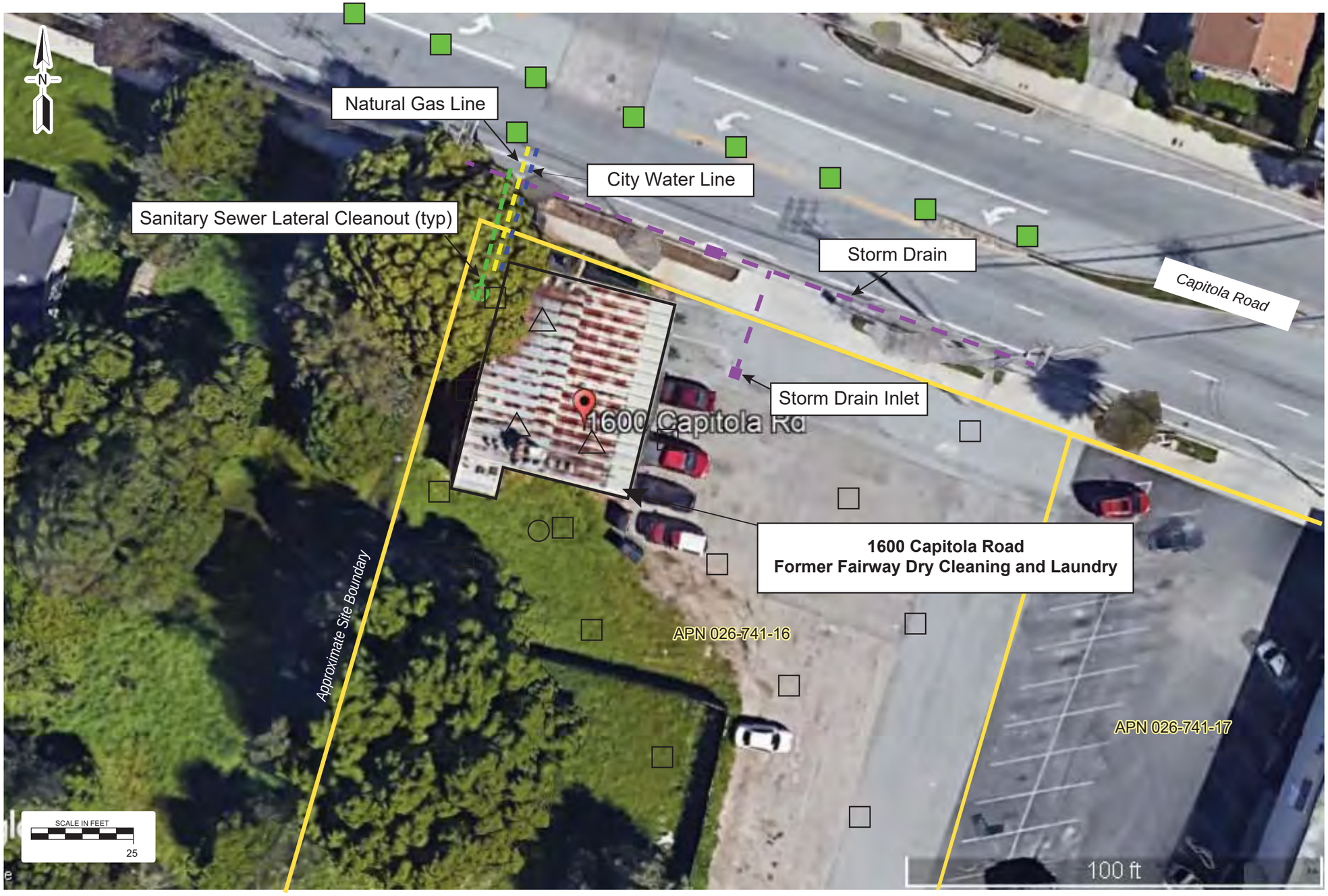

Legend

Proposed Passive Soil Vapor Sampling Location

PREPARED BY

TRINITY source group, inc.
Environmental Consultants
119 Encinal Street
Santa Cruz, California 95060
v: 831.426.5600
f: 831.426.5602

PROPOSED PHASE II SITE ASSESSMENT WORK SCOPE DETAIL MAP WITH UNDERGROUND UTILITIES

Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

PROJECT: 575.001.001

FIGURE: 3

Appendix C: Field Procedures

Appendix C: Field Procedures

Pre-Field Activities

All borings advanced during this investigation are be permitted and installed in accordance with state and local guidelines.

Prior to drilling, standard boring clearance procedures are followed to minimize the potential for encountering structures in the subsurface. Standard borehole clearance procedures include: (1) marking boring locations at the site and visually identifying, where possible, existing utilities; (2) notifying Underground Service Alert (USA) before any digging occurs at the Site; (3) reviewing boring locations with former Site operators, and/or obtaining and reviewing of any available site, as-built plans/drawings; (4) performing field review of USA Underground markings; (5) contract and conduct an underground utility survey, utilizing a reputable private underground utility locator to identify any utilities that are not cleared and/or marked by USA and if in question all borings are carefully hand cleared using hand auger equipment and hand tools to approximately 5 feet below ground surface (bgs) the entire diameter of the drilling equipment to be used.

Sampling Overview

Soil, groundwater, and 'active' soil gas samples collected during the site investigation are transported to Torrent Laboratory, Inc. (ELAP #1991) a California-licensed laboratory for analytical testing. Passive soil gas (PSG) samples collected during the site investigation are transported to Beacon Environmental Services, Inc. (Department of Defense ELAP Accreditation #72690, Certificates L18-338 and L18-339) for analytical testing. Selected soil samples are submitted to a geotechnical laboratory to conduct tests on the physical parameters of soil. The tables below summarize sample containers, preservation methods, holding times (Table C-1), and quality control/quality assurance (QA/QC) parameters for each quantity of proposed sample media (Table C-2).

Table C-1: Summary of Sample Containers, Preservation, and Holding Times

Analyte	Method	Container	Preservation	Maximum Holding Time
Soil Samples				
VOCs	8260B	Terra Core® Samplers	Cool to 4 ± 2° C	14 days

Analyte	Method	Container	Preservation	Maximum Holding Time
Groundwater Samples				
VOCs	8260B	4 x 40 mL Glass Vials, Teflon™ Cap	HCL, Cool to 4 ± 2° C	14 days
Passive Soil Gas Samples				
VOCs	8260C	Glass Vials with Sorbent Cartridges	None	30 days
Soil Vapor Samples				
VOCs	TO-15	1-L SUMMA® Canisters	None	30 days
Sub-Slab Soil Gas Samples				
VOCs	TO-15	1-L SUMMA® Canisters	None	30 days

Table C-2: Quality Assurance/Quality Control

Sample Category	Number of Locations	Total No. of Samples Analyzed	Media Type	QA/QC Samples		
				Duplicates[1]	Trip Blanks[2]	Equip. Blanks[3]
Confirmation Soil Borings	5	15	Soil	0	0	---
Grab-Groundwater	5	5	Water	0	0	---
Passive Soil Gas	39	39	Sorbent Cartridge	1	2	---
Active Sub-Slab Soil Gas[4]	5	5	Gas	1	0	---
Active Soil Gas	5	10	Gas	1	0	---

Notes:

1. Field duplicate numbers determined by number of primary samples selected for analysis, on basis of 1 duplicate per 10 samples. Field duplicates are only collected for grab-groundwater, soil gas and sub-slab gas samples. Soil duplicates are not required to meet the data quality objectives of the proposed scope of work.
2. Trip blank numbers are determined by the number of days that samples are collected and shipped for analysis of VOCs, on basis of 1 trip blank per day. Trip blanks are not required to meet the data quality objectives of the proposed scope of work.
3. Equipment blank numbers are determined by number of days that reusable downhole sampling equipment is expected to be used. This includes submersible sampling pumps, hand trowels, depth to water meters, and split-barrel samplers. There is no reusable downhole equipment used for any sample media during this site assessment. Equipment blanks are not required to meet the data quality objectives of the proposed scope of work.
4. All sub-slab gas probes are installed as implants to below the building slab thickness of approximately 6 inches.

Passive Soil Gas Sampling

PSG samplers are deployed and collected during the site investigation and shipped to Beacon Environmental Services, Inc (Beacon) for analytical testing. The PSG samplers consist of a borosilicate vial containing two hydrophobic adsorbent cartridges, which is suspended within an aluminum tube at an approximate depth of 1 to 2 feet below ground surface (bgs). The vials have a mesh cap which allows soil gas to diffuse into the vial. The cartridges adsorb volatile organic compounds present in the soil gas. The laboratory detection limit for each compound is determined by the length of time the sampler remains in the ground. Longer sampling times produce lower laboratory detection limits. For this investigation, a sampling time of 14 days is sufficient to achieve the required laboratory detection limit for comparing the results to the applicable environmental screening levels.

Trinity follows the field procedures prescribed by Beacon Environmental Service's document, Passive Soil Gas Testing: Standard for Site Characterization, which is included at as Appendix C-1.

Sub-Slab Soil Gas Installation and Sampling

Trinity follows the Cox-Colvin & Associates, Inc., Vapor Pin™ Standard Operating Procedures for installation of sub-slab soil gas probes, which are included in Appendix C-2.

Soil gas samples from the sub-slab soil gas probes are collected in 1-liter SUMMA® canisters following the procedure outlined below. In accordance with the July 2015 Advisory *Active Soil Gas Investigations*, the sub-slab soil gas probes are allowed to equilibrate for at least 2 hours after installation prior to sampling, and three times the total volume of air within the sampling train and probe is purged from each sampling point prior to collecting a sample.

Sampling Set-up

Prior to sampling, the sampling technician dons a new pair of clean nitrile gloves.

Purge and sample SUMMA® canisters are connected in tandem to a sampling train that connects to the sub-slab gas probe with 1 to 2 feet of ¼-inch diameter Teflon™ tubing. The sub-slab soil gas sampling train is equipped with a 100- to 200 milliliter per minute (ml/min) flow regulator and a laboratory-supplied particulate filter.

A diagram of the sub-slab soil gas sampling equipment schematic is included as Figure C-1.

Shut-In Testing

A shut-in test is conducted with the sampling train fully assembled and connected to the sampling probe/sampling location. The sampling train valve is closed, (to the sampling location) and the dedicated purge canister is used to evacuate air from the sampling train to a measured vacuum of about 30 "Hg.[1] A laboratory-supplied calibrated vacuum gauge,

[1] While the initial applied vacuum will decrease with each subsequent sample, as long as the same canister is

sensitive to measure 0.5'' Hg, is used to observe the vacuum within the sampling train for 10 minutes. If there is any observable loss of vacuum, the fittings and tubing are adjusted and the shut-in test process continues until the vacuum in the sample train does not noticeably dissipate within the 10-minute timeframe. After a successful shut-in test, the sampling train remains in its current configuration and is not altered.

Purging

Purging is conducted after the shut-in test shows that there are no leaks in the sampling train. The purge canister valve and the valve on the downhole side of the particulate filter are opened and the time is recorded. The purge canister valve is closed after three volumes of air are purged from the sample apparatus and the probe. The purge volume is calculated based on the internal volume of the tubing and probe. The amount of air purged is measured based on the time that the flow-control orifice is opened, with a flow rate of 200 ml/min, and based on a discernable vacuum drop on the purge canister pressure gauge. The time at which purging is terminated is recorded. The flow rate is kept at greater than 10 ml/min, and the sample vacuum is maintained at less than 10" Hg if possible; otherwise low-flow conditions are noted and sampling at that probe is terminated.

Vapor Sampling

Following the purging, the sample SUMMA® canister valve is opened to begin the sample collection. The time at which the sample collection begins and the initial vacuum in the sample canister is recorded.

Secondary leak testing is initiated at this point during the soil gas sampling by placing isopropyl alcohol wipes near each joint and connection in the sampling assembly, as well as at the top of the soil gas probe. Soil gas samples are analyzed for isopropyl alcohol by the laboratory to indicate whether any leaks occurred during sampling. Once the isopropyl alcohol wipes have been placed, the sampling technician carefully removes their gloves and dons new clean nitrile gloves in order to prevent cross-contamination which may result in a false positive detection of isopropyl alcohol in the sample.

The flow is maintained at 200-ml/min, and the sample canister is kept open until the canister pressure gauge indicates approximately -5" Hg remains inside the sample canister. The sample canister valve is closed and the time and final sample canister vacuum are recorded. The fitting on the sample canister is replaced with a laboratory-supplied brass cap.

The sample canisters are labeled and chain-of-custody maintained by recording the sample name, sample date, sample time, final vacuum, canister and flow controller serial numbers, initials of sample collector, and the compounds to be analyzed by a California state-certified laboratory. The sample canisters are stored in a container that blocks sunlight to the stainless steel canister and does not subject the air-tight canister to excessive changes in

used to purge air from the probes the principle and effectiveness of the shut-in test remains the same.

pressure and temperature. The sample canisters are delivered to the analytical laboratory via ground transportation under chain-of-custody protocol.

Soil Vapor Probe Installation and Sampling

The installation, sampling, and analysis of soil vapor probes follow guidelines contained in the California Department of Toxic Substances Control (DTSC) guidance.

The soil vapor probes are installed using a Geoprobe® or similar direct-push drill rig equipped with 2.25-inch diameter steel rods and operated by a C-57 licensed drilling contractor under Trinity supervision. The soil vapor probes are installed to collect samples at the 5 and 15-foot depth intervals. Each probe is constructed with using one 6-inch long Vapor Pin™ filter with a ½ inch outside diameter, a standard threaded barb fitting, an appropriate length of ¼ inch outside diameter Teflon tubing, and a Swagelok threaded plug at the surface.

After the boring reaches the desired depth of 5 or 15 feet bgs, the soil vapor probes are constructed by adding approximately 3-inches of #2/12 (or similar) sand to the bottom of the borehole. The tip tube plug assembly is then placed into the borehole through a PVC rod, such that the Vapor Pin™ filter tip and rod rests on top of the sand. The tip is covered with #2/12 sand until the top of the filter is covered with approximately 3-inches of sand pack (1 foot of sand total at each vapor sample interval). The down-hole support rod is then lifted and approximately 1 foot of dry granular bentonite is placed above the sand pack, followed by hydrated granular bentonite grout to near the ground surface. Then, powdered bentonite is hydrated at the surface and mixed in a container with tap water; this hydrated bentonite seal is then installed above the transition seal to surface grade.

A diagram of the soil vapor sampling probe is included as Figure C-2.

Soil Vapor Probe Sampling

Soil vapor sampling is performed by the following procedure using 1-Liter summa canisters for sample collection.

Sampling Set-up

Prior to sampling, the sampling technician dons a new pair of clean nitrile gloves.

Purge and sample SUMMA® canisters are connected in tandem to a sampling train that connects to the sub-slab gas probe with 1 to 2 feet of ¼-inch diameter Teflon™ tubing. The sub-slab soil gas sampling train is equipped with a 100- to 200 milliliter per minute (ml/min) flow regulator and a laboratory-supplied particulate filter.

A diagram of the soil gas sampling equipment schematic is included as Figure C-1.

Shut-In Testing

A shut-in test is conducted with the sampling train fully assembled and connected to the sampling probe/sampling location. The sampling train valve is closed, (to the sampling

location) and the dedicated purge canister is used to evacuate air from the sampling train. A laboratory-supplied calibrated vacuum gauge, sensitive to measure 0.5'' Hg, is used to observe the vacuum within the sampling train for 10 minutes. If there is any observable loss of vacuum, the fittings and tubing are adjusted and the shut-in test process continues until the vacuum in the sample train does not noticeably dissipate within the 10-minute timeframe. After a successful shut-in test, the sampling train remains in its current configuration and is not altered.

Purging

Purging is conducted after the shut-in test shows that there are no leaks in the sampling train. The purge canister valve and the valve on the downhole side of the particulate filter are opened and the time is recorded. The purge canister valve is closed after three volumes of air are purged from the sample apparatus and the probe. The purge volume is calculated based on the internal volume of the tubing and probe. The amount of air purged is measured based on the time that the flow-control orifice is opened, with a flow rate of 200 ml/min, and based on a discernable vacuum drop on the purge canister pressure gauge. The time at which purging is terminated is recorded. The flow rate is kept at greater than 10 ml/min, and the sample vacuum is maintained at less than 10" Hg if possible; otherwise low-flow conditions are noted and sampling at that probe is terminated.

Soil Vapor Sampling

Following the purging, the sample SUMMA® canister valve is opened to begin the sample collection. The time at which the sample collection begins and the initial vacuum in the sample canister is recorded.

Secondary leak testing is initiated at this point during the soil gas sampling by placing isopropyl alcohol wipes near each joint and connection in the sampling assembly, as well as at the top of the soil gas probe. Soil gas samples are analyzed for isopropyl alcohol by the laboratory to indicate whether any leaks occurred during sampling. Once the isopropyl alcohol wipes have been placed, the sampling technician carefully removes their gloves and dons new clean nitrile gloves in order to prevent cross-contamination which may result in a false positive detection of isopropyl alcohol in the sample.

The flow is maintained at 200-ml/min, and the sample canister is kept open until the canister pressure gauge indicates approximately -5" Hg remains inside the sample canister. The sample canister valve is closed and the time and final sample canister vacuum are recorded. The fitting on the sample canister is replaced with a laboratory-supplied brass cap.

The sample canisters are labeled and chain-of-custody maintained by recording the sample name, sample date, sample time, final vacuum, canister and flow controller serial numbers, initials of sample collector, and the compounds to be analyzed by a California state-certified laboratory. The sample canisters are stored in a container that blocks sunlight to the stainless steel canister and does not subject the air-tight canister to excessive changes in

pressure and temperature. The sample canisters are delivered to the analytical laboratory via ground transportation under chain-of-custody protocol.

Soil Boring - Soil and Groundwater Sampling

Boreholes are advanced using Geoprobe® or similar direct-push drilling equipment. A pre-cleaned sampler with a clear acetate liner and drive rods (typically 2 ¼-inch diameter) are advanced for the purpose of collecting samples and evaluating subsurface conditions, the soil is typically continuously sampled as drilling tooling is advanced to depth. The sampler is advanced in intervals of 3 to 5 feet, then the rods and sampler are retracted and the acetate liner is removed from the sampler head for evaluation and sample collection by the onsite Trinity geologist. The sampler head is then cleaned, filled with a new acetate liner, inserted into the borehole, and advanced over the next sampling interval where the sample retrieval process is repeated.

After retrieval, each filled acetate liner is split open for examination and potential sampling of soils. The onsite Trinity geologist logs the soils including a physical description of observed soil characteristics (i.e. moisture content, consistency, obvious odor, color, photoionization detector [PID] readings, etc.), drilling difficulty, and soil type as a function of depth, in accordance with the Unified Soil Classification System (USCS).

Soil Sampling

Soils samples collected at 2-foot intervals are screened in the field for volatile organic compounds (VOCs) using a PID. The PID screening is conducted by placing approximately 30 grams from an undisturbed soil sample into a clean plastic zip-lock bag. The bag is sealed and left undisturbed for approximately 20 minutes to allow VOCs to off-gas into the headspace within the bag. The headspace within the bag is sampled with the PID probe tip, and the total VOC content within the headspace is measured in parts per million as isobutylene (ppm; volume/volume). The PID readings represent relative levels of organic vapors for the site conditions at the time of drilling. The PID readings are noted on the field logs.

In general, soil samples are preserved where changes in soil type or elevated PID readings are observed. Selected soil intervals are sampled directly from the acetate liner with a single-use plunger which removes a predetermined volume of soil. This sub-sample is extruded into laboratory-supplied Terra Core™ preservation vials following U.S. EPA Test Method 5035A sampling protocols (Appendix C-3), properly labeled, and then placed in an ice-filled cooler for transport to the laboratory under chain-of-custody documentation. The Terra Core™ vials are prepared with preservatives consisting of either sodium bisulfate solution or methanol. These samples are analyzed for volatile organic compounds.

Soil samples for dry weight analysis are taken from the soil core and placed into 4-ounce glass jars or plastic bags as directed by the analytical laboratory, labeled, and transported to the laboratory under chain-of-custody documentation. Soil samples for other analyses than VOCs and dry weight are collected by cutting the acetate liners into 1-foot or 0.5-foot

sections and capping each end with Teflon™ sheets and plastic caps. The samples are labeled, preserved (if applicable), and transported to the laboratory under chain-of-custody documentation.

Grab-Groundwater Sampling

Once the total depth is achieved for the soil boring locations intended for grab-groundwater sample collection, a ¾-inch diameter polyvinyl chloride (PVC) pipe with approximately 5 feet of 0.010-inch factory-slotted screen is lowered into the open borehole. When static groundwater is reached, a groundwater sample is collected from within the temporary well casing using a peristaltic pump or check valve with new tubing at depths greater than 25 feet bgs. The samples are pumped directly into laboratory-supplied containers appropriate for the desired analyses. The samples are labelled and placed in an ice-filled cooler for transport to the laboratory under chain-of-custody documentation.

Borehole Abandonment

Following completion of the direct-push drilling, soil, and/or grab-groundwater sampling, each borehole is backfilled with neat cement grout, on an as needed basis boreholes are abandoned by backfilling from the bottom up using tremie pipe or drill rods, and finished at the surface to match surrounding grade.

Investigation-Derived Waste

Investigation-derived waste (IDW) materials (soil and groundwater) are placed into properly labeled DOT 55-gallon drums or appropriate soil bins and sampled to determine the waste profile. A separate contractor transports the wastes to an approved disposal facility.

PASSIVE SOIL GAS TESTING:

STANDARD FOR SITE CHARACTERIZATION

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Suite 1
Forest Hill, MD 21050 USA

Beacon is the recognized leader in passive soil gas and air sampling

DoD ELAP, NELAP, and ISO/IEC 17025 Accredited Laboratory
NEFAP Accredited Field Sampling Organization
Accreditation No. 72690

PASSIVE SOIL GAS TESTING:

STANDARD FOR SITE CHARACTERIZATION

Background and Introduction

Passive soil gas surveys utilize adsorbent samplers that are emplaced subsurface to adsorb volatile and semivolatile organic compounds (VOCs and SVOCs) in soil gas without forcing the flow rate of gas, that can yield a more representative sample than active soil gas methods. Samplers are typically placed in a grid pattern to simultaneously sample trace levels of compounds in soil gas that originate from contamination in soil or groundwater. By sampling all locations at the same time, the temporal variations in soil-gas concentrations that are known to occur daily and even hourly are normalized. In addition, the spatial variability of contamination is better defined with a passive soil gas survey because the lower sampling and analytical costs of the method allow for more locations to be sampled than normally would be with a fixed budget. Passive soil gas (PSG) methods have been demonstrated to be more sensitive and reproducible than active soil gas methods and are able to target a broad range of organic compounds from vinyl chloride to polynuclear aromatic hydrocarbons (PAHs) and other SVOCs.

The analytical results for a passive soil gas method are presented in units of mass (e.g., nanograms of each individual compound) for comparison between sample locations to identify source areas, identify the potential for vapor intrusion, to delineate the lateral extent of contamination, including migration pathways, and to monitor remediation programs. When requested, the mass measured (ng) can be converted to a concentration by dividing the mass (ng) by the sampler uptake rate (ml/min) and the sampling period (min), which is then multiplied by a value of 1,000 to convert ng/ml to ug/m^3. The Beacon PSG Sampler has verified uptake rates when sampling in air for a suite of chlorinated and BTEX compounds. For soil gas sampling, the concentrations reported represent the concentration of the identified compounds under steady state (natural) conditions by passive sampling, as opposed to active sampling with a pump or evacuated canister that may create a momentary vacuum in the soil during the time of sampling. If the soils at the site have low porosity, the formation itself could limit transport of soil gas to the samplers resulting in the reported concentration being biased low. However, the Beacon sampler has a low and controlled uptake rate to limit this bias from occurring.

Passive soil gas (PSG) results are based on a higher level of QA/QC than can be achieved with other field screening methods. Measurements are based on a five-point initial calibration with the lowest point on the calibration curve at or below the practical quantitation limit of each compound. Internal standards and surrogates are included with each analysis – per EPA Method 8260C – to provide proof of performance that the system was operating properly for each sample and to provide consistent reference points for each analysis, which enables an accurate comparison of measured quantities. Trip blanks are analyzed with each batch of samples and because two sets of hydrophobic adsorbent cartridges are provided in each Sampler, duplicate or confirmatory analyses can be performed for any of the sample locations. A representative list of compounds that can be targeted with passive soil gas surveys is provided in **Table 1**.

Table 1
Passive Soil-Gas Survey
Representative List of Target Compounds

TPH C_4-C_9	Chlorobenzene
TPH C_{10}-C_{15}	Ethylbenzene
Vinyl Chloride	p & m-Xylene
1,1-Dichloroethene	Bromoform
Methylene Chloride	1,1,2,2-Tetrachloroethane
1,1,2-Trichlorotrifluoroethane (Freon 113)	o-Xylene
trans-1,2-Dichloroethene	1,2,3-Trichloropropane
Methyl-t-butyl ether (MTBE)	Isopropylbenzene
1,1-Dichloroethane	1,3,5-Trimethylbenzene
cis-1,2-Dichloroethene	1,2,4-Trimethylbenzene
Chloroform	1,3-Dichlorobenzene
2,2-Dichloropropane	1,4-Dichlorobenzene
1,2-Dichloroethane	1,2-Dichlorobenzene
1,1,1-Trichloroethane	n-Butylbenzene
1,1-Dichloropropene	1,2,4-Trichlorobenzene
Carbon Tetrachloride	Naphthalene
Benzene	Hexachlorobutadiene
1,2-Dichloropropane	Trichlorobenzenes
Trichloroethene	2-Methylnaphthalene
1,4-Dioxane	Tetrachlorobenzenes
1,1,2-Trichloroethane	Acenaphthylene
Toluene	Acenaphthene
1,3-Dichloropropane	Pentachlorobenzene
1,2-Dibromoethane (EDB)	Hexachlorobenzene
Tetrachloroethene	Phenanthrene
1,1,1,2-Tetrachloroethane	Anthracene

Note: Additional compounds may be targeted to meet project specific requirements. The reporting quantitation level (RQL) for each compound is 25 nanograms (ng) and the RQL for TPH is 5,000 ng; however, the demonstrated limit of quantitation (LOQ) for each compound is typically 10 ng.

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The following document is broken into two separate parts:

1. General Overview of Passive Soil Gas Investigation for Site Characterization
2. Step-by-Step Passive Soil Gas Sampler Installation and Retrieval

For the complete site characterization, Beacon Environmental recommends a passive soil gas survey be performed followed by a limited and focused soil and/or groundwater sampling program to measure the concentrations of identified compounds. The primary purpose of this document is to describe the methods and procedures used to perform a passive soil gas investigation.

Part 1: General Overview of Passive Soil Gas Investigation for Site Characterization

1.0 Survey Design

The survey design varies depending on the amount of historical and other site information that is available prior to initiating the passive soil gas (PSG) survey. Typically an unbiased grid is established across the site with additional biased sample locations to target specific features. The spacing between sample locations is dependent upon the expected depth of the chemicals of concern (CoC), the soil types, and the size of the area to be investigated. Generally, a grid with 25-foot spacing between sample locations is used to identify source areas, but the actual spacing will be dependent additionally on the size of the area of investigation and the project budget. Wider grids and transects are used to track groundwater contamination. Global positioning system (GPS) equipment can be used to collect the sample location coordinate data.

Beacon Environmental provides a BESURE Sample Collection Kit™ with detailed instructions to allow samples to be collected by an environmental field technician. Following collection in the field, the samplers are returned to Beacon Environmental's laboratory for analysis using thermal desorption-gas chromatography/mass spectrometry (TD-GC/MS) instrumentation following EPA Method 8260C. A comprehensive survey report is provided by Beacon Environmental that includes results in tabular form as well as on color isopleth maps showing the distribution of compounds identified in the investigation (see **Figure 1** below).

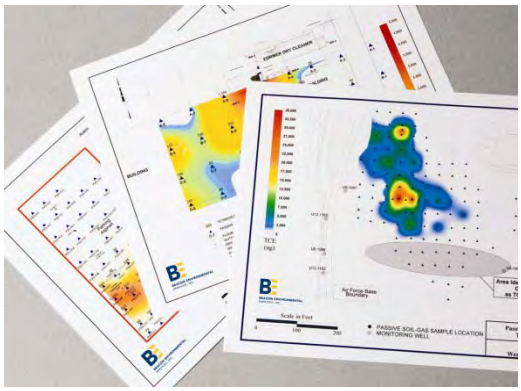

Figure 1 – Example Color Isopleth Maps

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2.0 Soil-Gas Sampling Procedures

To perform the soil-gas investigation, Beacon Environmental provides a BESURE Sample Collection Kit™ with all the materials necessary to collect the requested number of soil-gas samples. To collect soil-gas samples, an approximately one-inch diameter hole is advanced to the appropriate depth to meet the objectives of the survey (e.g., one to three feet). The PSG Sampler (which contains two sets of ***hydrophobic adsorbent*** cartridges) is installed in the hole and covered with an aluminum foil plug and soil to seal the sampler in the ground. The adsorbent cartridges used by Beacon Environmental are hydrophobic, which allows the samplers to be effective even in water-saturated conditions. Extensive empirical evidence, which is supported by a government study, has proven that hydrophobic adsorbents work perfectly well in high moisture conditions and should not be encased by a hydrophobic membrane.

For locations covered by asphalt or concrete surfacing, an approximately 1 ½-inch diameter hole is drilled through the surfacing to the underlying soils. A ½" to 1" diameter drill bit can then be used to advance the hole to a three foot depth to increase the sensitivity of the method. The upper 12 inches of the hole is sleeved with a sanitized metal pipe provided in the Kit. After the Sampler is installed inside the metal pipe, the hole is patched with an aluminum foil plug and a thin concrete patch to effectively protect the sampler.

The samplers are exposed to subsurface gas for approximately three to 14 days, with the exact length of time appropriate to meet the objectives of the survey. The sampler is shipped to the site with a length of wire wrapped around the vial and twisted around the shoulder of the vial to expedite retrieval from the ground. Following the exposure period, the Samplers are retrieved and shipped to Beacon Environmental's laboratory for analysis. It is not necessary to use ice or preservatives during shipment; however, the samplers are sealed and shipped under established chain-of-custody procedures. Trip blanks, which remain with the other samples during preparation, shipment, and storage, are included at a typical rate of five percent of the total number of field samples. **Figure 2** shows a PSG Sampler as it looks when received in the BESURE Kit™.

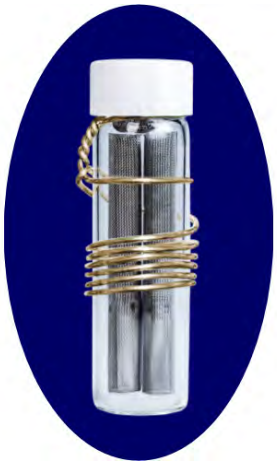

Figure 2 – Beacon PSG Sampler

A two-person team can install approximately 50 to 100 samplers per day depending on the number of sample locations that are covered with asphalt, concrete, or gravel surfacing. For retrieval of the Samplers, one person can retrieve approximately 50 samplers per day and patch the holes through the surfacing. **Figure 3** shows installation through asphalt and grass surfaces, respectively.

Figure 3 — Installation of Samplers with Beacon Environmental's BESURE Kit™

The amount of days required to complete the installation and retrieval procedures is dependent upon the number of personnel deployed for the execution of the fieldwork, weather conditions, and health and safety considerations.

3.0 Analytical Procedures

A chain-of-custody accompanies the field samples at all times from the time the samples are collected until final analysis. BESURE Kits™ are shipped with tug-tight custody seals to ensure that samplers are not tampered with during transport (see **Figure 4**). Once samples are received at the laboratory, the sample custodian receives the samples and logs the samples into the laboratory's Sample Receipt Log.

Figure 4 – BESURE Sample Collection Kit™

Beacon Environmental's laboratory is maintained in a safe and secure manner at all times. The facility is locked when not occupied and is monitored for fire and unauthorized access. Beacon Environmental personnel escort all visitors at all times while inside the facility. Neither soil nor water analyses are performed at Beacon Environmental, so no solvents are stored or used that

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can create background contamination problems as experienced by wet labs. This ensures that a clean laboratory environment is maintained for trace analyses.

Soil gas samples are analyzed by Beacon Environmental using thermal desorption-gas chromatography/mass spectrometry (TD-GC/MS) instrumentation, following EPA Method 8260C procedures. Samples are routinely analyzed for a list of approximately 40 compounds, which can additionally include total petroleum hydrocarbons (TPH). Results are based on an ***initial five-point calibration***. In addition, a BFB tune is performed daily and a method blank is run following the daily calibration verifications. ***Internal standards and surrogates*** are included with each sample analysis. The laboratory's reported quantitation level (RQL) for each of the targeted compounds is 10 or 25 nanograms (ng); however, the limit of quantitation (LOQ) is 10 ng and the limit of detection (LOD) is 5 ng. MDL studies are performed, as well. As an option, tentatively identified compounds (TICs) can be reported for each sample, with the results based on the closest internal standard to the TIC.

Beacon Environmental is known for providing the highest level of accuracy and quality assurance and quality control (QA/QC) procedures for the analysis of soil gas samples in the industry. The table below summarizes these analytical procedures.

Description	**Included**
Analysis by thermal desorption-gas chromatography/mass spectrometry (TD-GC/MS) following EPA Method 8260C - Accredited	√
Analytical results based on 5-point initial calibration	√
MDLs are based on a seven replicate study with contiguous analyses	√
Limit of Detection (LOD) and Limit of Quantitation (LOQ) studies performed quarterly	√
Internal standards and surrogates included with each run	√
BFB tunes (5 to 50 nanograms through GC, per method)	√
Continuing calibration checks and method blanks	√

Analyses of the samples are performed at Beacon Environmental's laboratory using state-of-the-art instruments that are listed below. The Markes thermal desorption instruments outperform other older thermal desorption equipment, which cannot target as broad a range of compounds with as much sensitivity or accuracy.

- Agilent 7890 Gas Chromatograph / 5975 Mass Spectrometer,
- Markes UltrA autosampler and Unity thermal desorber,
- Markes TD100 and TD100xr, and
- Markes Mass Flow Controller Module.

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4.0 Reporting

Following analysis and a thorough data review, a comprehensive survey report is provided that contains:

project objectives,
the investigation plan,
the QA/QC program and findings,
laboratory data,
color isopleth maps showing the distribution of detected compounds,
field procedures,
laboratory procedures,
Field Deployment Reports, and
Chain-of-Custody documentation.

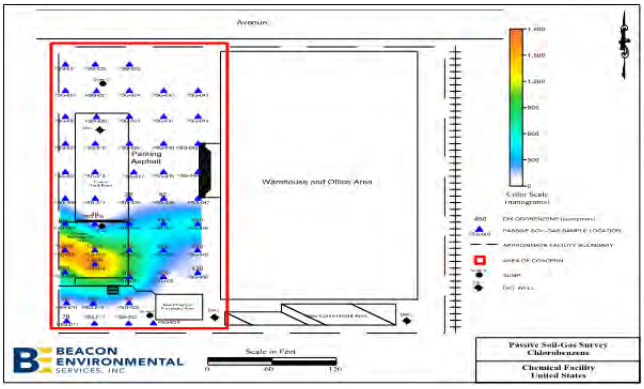

Figure 5 – Example Color Isopleth Map

Beacon Environmental requests a CAD drawing of the site is provided with coordinate data for each location to facilitate creation of color isopleth maps. BEACON can provide the color isopleth maps as layers for use with CAD software or provide data files of the contours for use with GIS software. Beacon Environmental provides post survey support to assist in interpreting the data, when requested.

Biography of Author

Harry O'Neill is the President of Beacon Environmental Services and has managed soil gas and vapor intrusion investigations for more than 25 years, working on federal, state, and commercial projects throughout the United States, as well as internationally across six continents. Under his direction since 1999, Beacon Environmental has achieved DoD ELAP, NELAP, and ISO/IEC 17025 accreditation for the analysis of soil gas and air samples to target trace concentrations of organics using sorbent samplers. In addition, Mr. O'Neill oversaw the implementation of the quality program that enabled Beacon to become the first National Environmental Field Activities Program (NEFAP) accredited field sampling and measurement organization (FSMO) in the United States, and the company's accreditation is for the collection of soil gas and air samples. Mr. O'Neill has been on the forefront of the acceptance of passive sampling technologies at the national and international level and has managed the implementation of thousands of soil gas and air sampling surveys. He is a member of AWMA, ITRC, and ASTM, and is the lead author of ASTM Standard D7758: *Standard Practice for Passive Soil Gas Sampling in the Vadose Zone* and has published and presented findings throughout the United States, as well as internationally across four continents as an invited speaker. Mr. O'Neill can be contacted at Harry.ONeill@Beacon-usa.com or by phone at 1-410-838-8780.

"***BEACON*** — A PROVEN LEADER IN SOIL-GAS AND AIR ANALYSES"
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Part 2: PSG Sampler Step-by-Step Installation and Retrieval Procedures

PSG Sampler Installation

1. At each survey point, clear vegetation as necessary and, using a hammer drill and drill bit (or comparable equipment), create a 1"- to 1½"-diameter hole approximately 12 inches deep, but can be as shallow as 6 inches. When appropriate, use a ½" to 1" diameter drill bit to extend the hole to a three foot depth. Note: In areas of very organic topsoil or landscaped areas (*i.e.*, mulched areas, gardens, etc.) it is important to get beneath the organic soil layer to the underlying soil below. For locations covered with asphalt or concrete, an approximately 1½"-diameter hole is drilled through the surfacing to the underlying soils and the hole is sleeved with a 12" long pre-cleaned, aluminum pipe provided in the BeSure Sample Collection Kit. The pipe is then pushed or tapped ½" to 1" into the base of the hole using a hammer and tapping dowel also provided in the Kit.

2. After the hole is created, remove a Beacon PSG Sampler (a rugged, borosilicate glass vial containing two sets of ***hydrophobic adsorbent cartridges***) and unwind the retrieval wire wrapped around it. Holding the capped end of the vial in one hand, pull the wire tight (to straighten it) with the other hand. Remove the solid cap on the Sampler Vial and replace it with a Sampling Cap (a one-hole cap with a screen meshing insert). Store the solid cap in the Cap Storage Container.

3. Lower the Sampler with the screened-capped-end pointing down into the hole. If the hole was created to a greater depth it is only necessary to suspend the sampler in the upper portion of the hole because compounds in soil gas that enter the hole will migrate up to the sampler. With the retrieval wire extending from the hole, plug the top of the hole with aluminum foil and use a hammer to collapse the soils above the foil plug. Coil the wire and lay it flat on the ground surface. For those locations through concrete or asphalt, lower the Sampler into the aluminum pipe and bend the end of the wire over the top of the pipe so that the coil of wire hangs over the top and outside the pipe. Next, plug the top of the hole with a wad of aluminum foil and a thin concrete patch (approximately ¼" thick) to effectively seal the Sampler in the ground. **Figure 6** depicts sampler installation options.

4. Close the Kit, and on the Chain of Custody record: (a) sample-point number; (b) date and time of emplacement; and (c) other relevant information (*e.g.*, soil type, vegetation, proximity to potential source areas). Be sure to mark the sample location and take detailed notes (*i.e.*, compass bearings and distances from fixed reference points or GPS coordinates).

5. Move to next location.

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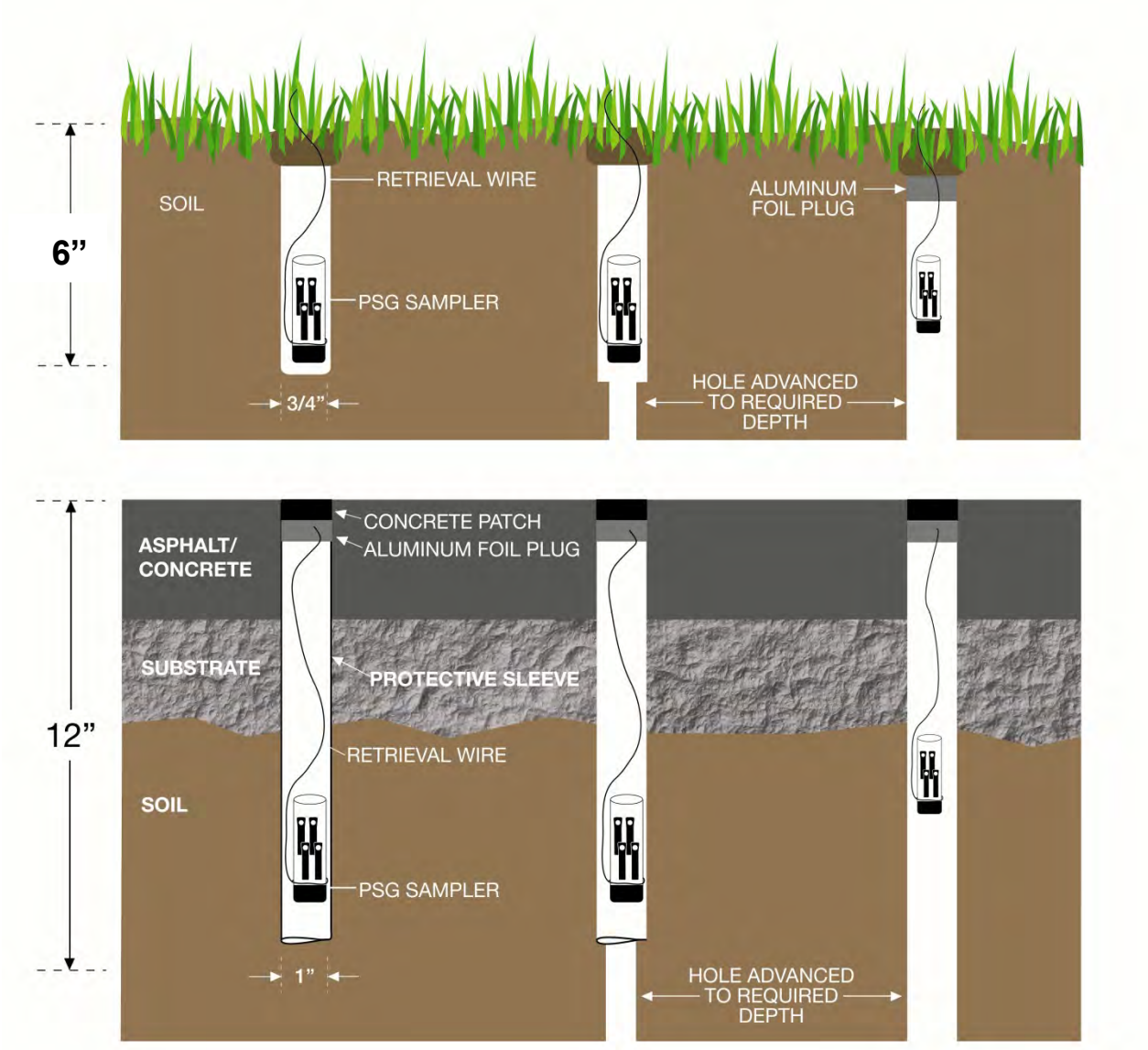

Figure 6 – Sampler Installation Options

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PSG Sampler Retrieval

1. At each sample location open the BeSure Sample Collection Kit and place it and the wire cutters within easy reach. Remove a square of gauze cloth and place it and a clean towel on the open Kit. Remove a solid cap from the Cap Storage Container and place it on the Kit, also.

2. Expose the Sampler by pulling on the wire when in soils or using a small chisel and hammer to chip the thin concrete patch away when in asphalt/concrete. Retrieve the Sampler from its hole by pulling on the retrieval wire. Holding the Sampler upright, clean the sides of the vial with the clean towel (especially close to the Sampling Cap). Remove the Sampling Cap, cut the wire from the vial with the wire cutters, and clean the vial threads completely with the gauze cloth.

3. Firmly screw the solid cap on the Sampler Vial and with a ballpoint pen record the sample number, corresponding to the sample location, on the cap's label.

4. On the Field Deployment Report, record: (a) date and time of retrieval (to nearest minute); and (b) any other relevant information.

5. Return the sampling cap to the Sampling Cap container. Place the sealed and labeled Sampler Vial in a 3" x 4" re-sealable Sampler Bag. Then place the individually bagged and labeled sampler into the larger bag labeled "Return Shipment Bag." Each sampler is to be individually bagged and placed in a Return Shipment Bag, with at least one trip blank per Return Shipment Bag included with the PSG Samplers.

6. On the Chain of Custody, record: (a) date and time of retrieval; and (b) any other relevant information. After all samples have been retrieved, verify that the caps on each Sampler are sealed tightly and that the seals on the Sampler Bags are closed. Verify that all Samplers are stored in the Return Shipment Bag, which contains an adsorbent pack. Seal the Return Shipment Bag and place it in the upper tray of the Kit, and place the provided tools and materials in the lower compartment of the Kit.

7. Complete the chain-of-custody for shipment of Samplers. Seal the BESURE Sample Collection Kit with the provided tug tight custody seal, provided in the Kit, which has a unique identification number that is documented on the chain-of-custody. Place the Kit and paperwork in a cardboard box and ship via overnight delivery to Beacon Environmental Services for analysis of the samples.

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Standard Operating Procedure Installation and Extraction of the Vapor Pin™

Updated February 27, 2015

Scope:

This standard operating procedure describes the installation and extraction of the Vapor Pin™ for use in sub-slab soil-gas sampling.

Purpose:

The purpose of this procedure is to assure good quality control in field operations and uniformity between field personnel in the use of the Vapor Pin™ for the collection of sub-slab soil-gas samples or pressure readings.

Equipment Needed:

- Assembled Vapor Pin™ [Vapor Pin™ and silicone sleeve(Figure 1)]; Because of sharp edges, gloves are recommended for sleeve installation;
- Hammer drill;
- 5/8-inch (16mm) diameter hammer bit (Hilti™ TE-YX 5/8" x 22" (400 mm) #00206514 or equivalent);
- 1½-inch (38mm) diameter hammer bit (Hilti™ TE-YX 1½" x 23" #00293032 or equivalent) for flush mount applications;
- ¾-inch (19mm) diameter bottle brush;
- Wet/Dry vacuum with HEPA filter (optional);
- Vapor Pin™ installation/extraction tool;
- Dead blow hammer;
- Vapor Pin™ flush mount cover, if desired;
- Vapor Pin™ drilling guide, if desired;
- Vapor Pin™ protective cap; and
- VOC-free hole patching material (hydraulic cement) and putty knife or trowel for repairing the hole following the extraction of the Vapor Pin™.

Figure 1. Assembled Vapor Pin™

Installation Procedure:

1) Check for buried obstacles (pipes, electrical lines, etc.) prior to proceeding.

2) Set up wet/dry vacuum to collect drill cuttings.

3) If a flush mount installation is required, drill a 1½-inch (38mm) diameter hole at least 1¾-inches (45mm) into the slab. Use of a Vapor Pin™ drilling guide is recommended.

4) Drill a 5/8-inch (16mm) diameter hole through the slab and approximately 1-inch (25mm) into the underlying soil to form a void.

5) Remove the drill bit, brush the hole with the bottle brush, and remove the loose cuttings with the vacuum.

Vapor Pin™ protected under US Patent # 8,220,347 B2

6) Place the lower end of Vapor Pin™ assembly into the drilled hole. Place the small hole located in the handle of the installation/extraction tool over the Vapor Pin™ to protect the barb fitting, and tap the Vapor Pin™ into place using a dead blow hammer (Figure 2). Make sure the installation/extraction tool is aligned parallel to the Vapor Pin™ to avoid damaging the barb fitting.

Figure 2. Installing the Vapor Pin™.

During installation, the silicone sleeve will form a slight bulge between the slab and the Vapor Pin™ shoulder. Place the protective cap on Vapor Pin™ to prevent vapor loss prior to sampling (Figure 3).

Figure 3. Installed Vapor Pin™

7) For flush mount installations, cover the Vapor Pin™ with a flush mount cover, using either the plastic cover or the optional stainless-steel Secure Cover (Figure 4).

Figure 4. Secure Cover Installed

8) Allow 20 minutes or more (consult applicable guidance for your situation) for the sub-slab soil-gas conditions to re-equilibrate prior to sampling.

9) Remove protective cap and connect sample tubing to the barb fitting of the Vapor Pin™. This connection can be made using a short piece of Tygon™ tubing to join the Vapor Pin™ with the Nylaflow tubing (Figure 5). Put the Nylaflow tubing as close to the Vapor Pin as possible to minimize contact between soil gas and Tygon™ tubing.

Vapor Pin™ protected under US Patent # 8,220,347 B2

Figure 5. Vapor Pin™ sample connection.

10) Conduct leak tests in accordance with applicable guidance. If the method of leak testing is not specified, an alternative can be the use of a water dam and vacuum pump, as described in SOP Leak Testing the Vapor Pin™ via Mechanical Means (Figure 6). For flush-mount installations, distilled water can be poured directly into the 1 1/2 inch (38mm) hole.

Figure 6. Water dam used for leak detection

11) Collect sub-slab soil gas sample or pressure reading. When finished, replace the protective cap and flush mount cover until the next event. If the sampling is complete, extract the Vapor Pin™.

Extraction Procedure:

1) Remove the protective cap, and thread the installation/extraction tool onto the barrel of the Vapor Pin™ (Figure 7). Continue turning the tool clockwise to pull the Vapor Pin™ from the hole into the installation/extraction tool.

2) Fill the void with hydraulic cement and smooth with a trowel or putty knife.

Figure 7. Removing the Vapor Pin™.

3) Prior to reuse, remove the silicone sleeve and protective cap and discard. Decontaminate the Vapor Pin™ in a hot water and Alconox® wash, then heat in an oven to a temperature of 265° F (130° C) for 15 to 30 minutes.

The Vapor Pin™ to designed be used repeatedly, however, replacement parts and supplies will be required periodically. These parts are available on-line at VaporPin.CoxColvin.com.

Vapor Pin™ protected under US Patent # 8,220,347 B2

En Novative Technologies

Terra Core® Sampler

The Cost Effective, Time Saving, Disposable Transfer Tool

- Uniquely designed to be the easiest and most rugged sampler on the market.
- Built-in handle allows samples to be easily taken from hard packed soils.
- Eliminates the need for a field balance.
- No additional handles or tools needed.
- Available in a 5 gram or 10 gram sample size.

Available Online At
www.ennovativetech.com

En Novative Technologies

En Novative Technologies
2355 Bishop Circle West
Dexter, MI 48130
PHONE (920) 465-3960
FAX (920) 465-3963
TOLLFREE (888) 411-0757

En Novative Technologies

Recommended Use Of The Terra Core®

NOTE: The Terra Core® Sampler is a single use device. It cannot be cleaned and/or reused.

Step 1

Have ready a 40ml glass VOA vial containing the appropriate preservative. With the plunger seated in the handle, push the Terra Core® into freshly exposed soil until the sample chamber is filled. A filled chamber will deliver approximately 5 or 10 grams of soil.

Step 2

Wipe all soil or debris from the outside of the Terra Core® sampler. The soil plug should be flush with the mouth of the sampler. Remove any excess soil that extends beyond the mouth of the sampler.

Step 3

Rotate the plunger that was seated in the handle top 90° until it is aligned with the slots in the body. Place the mouth of the sampler into the 40ml VOA vial containing the appropriate preservative and extrude the sample by pushing the plunger down. Quickly place the lid back on the 40ml VOA vial. **Note:** When capping the 40ml VOA vial, be sure to remove any soil or debris from the top and/or threads of the vial.

En Novative Technologies

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V = VALVE

I = ISOPROPYL ALCOHOL (LEAK CHECK COMPOUND)

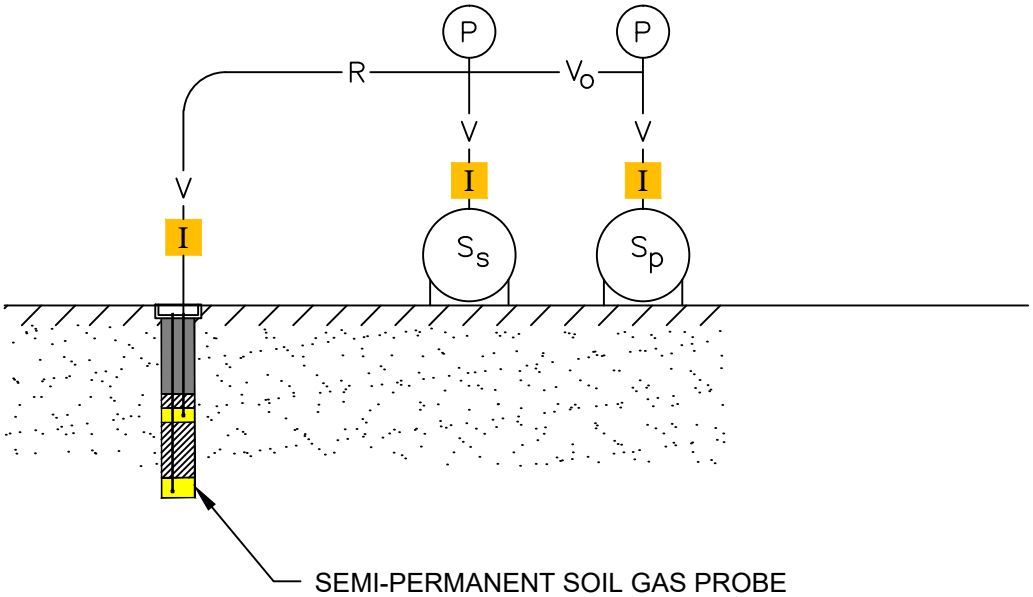
Vo = OPTIONAL VALVE

P = PRESSURE GAUGE

Ss = SAMPLE SUMMA CANISTER

Sp = PURGE SUMMA CANISTER

R = FLOW REGULATOR



SEMI-PERMANENT SOIL GAS PROBE
OR SUB-SLAB VAPOR PROBE

* USE SWAGELOK FITTINGS
ON ALL CONNECTIONS

** ASSEMBLE SAMPLE APPARATUS
AND LEAK TEST PRIOR TO
MOBILIZING TO FIELD

PREPARED BY

TRINITY source group, inc.
Environmental Consultants

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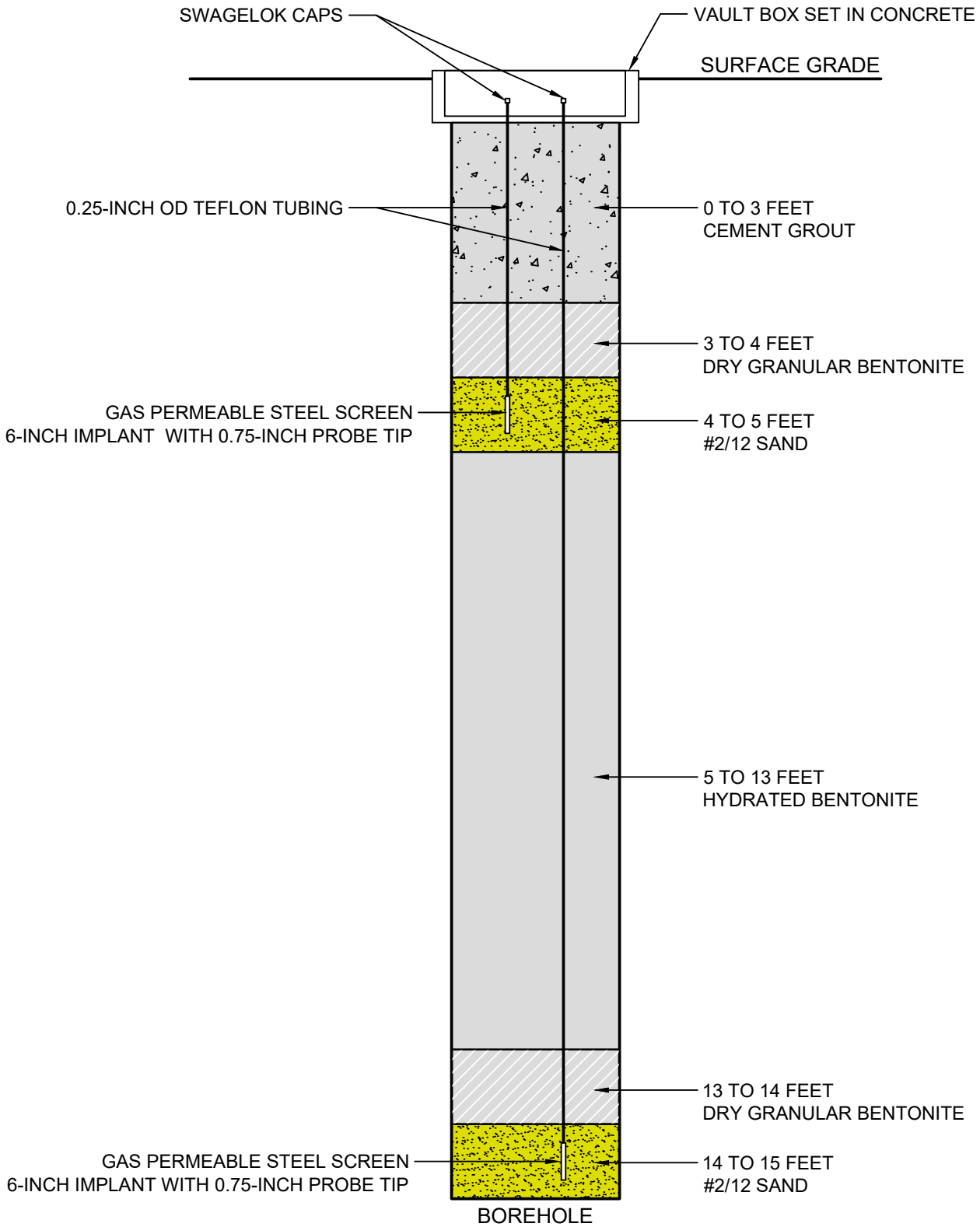
f: 831.426.5602

SOIL GAS SAMPLING EQUIPMENT SCHEMATIC

Former Fairway Dry Cleaners and Laundry
1600 Capitola Road
Santa Cruz, California

PROJECT:
575.002.003

FIGURE:
C-1



REF. 575_001\ProbeDetail.dwg

NOT TO SCALE

PREPARED BY
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f: 831.426.5602

DOUBLE-NESTED SOIL VAPOR PROBE DETAIL

Former Fairway Dry Cleaning and Laundry
1600 Capitola Road
Santa Cruz, California

PROJECT:
575.002.003

FIGURE:
C-2

Appendix D: Field Data Sheets

SOIL GAS INVESTIGATION
PURGE, SAMPLE & LEAK TEST - FIELD DATA SHEET
1-L Summa Canister

TRINITY source group, inc. Environmental Consultants

Project No.:	575.002.003	**Purge Test Location:**	SS-1
Facility Name:	Former Fairway Cleaners & Laundry	**Purge Method:**	6L Purge Canister
Address:	1600 Capitola Road, Santa Cruz, CA	**Leak Test Compound :**	IPA (Isopropyl Alcohol)
Staff:	AM. DK	**Flow Rate (ml/min):**	~180
Date:	3.1.21 Tubing Size (in): 1/4 Teflon	**Bore Hole Dia. (in):**	0.625

Purge Volume Calculation

Inner Tubing Radius (inches)	Cross Sectional Area of Tubing (in^2)	Tubing Length* (ft)	Tubing Length (in)	Total Tubing Volume (ml)	Bore Hole Radius (inches)	Area of Bore Hole Radius (r^2)	Length of Bore Hole Sand Pack + Granular Bentonite (in)**	Total Bore Hole Volume (ml)	No. of Tubing + Bore Hole Volumes to Purge (Default=3)	Conv. of cubic inches to ml	Total Purge Volume (ml)	Total Purge Volume (L) [L= ml/1000]	Max. Purge rate (ml/min)	Est. Purge Time (sec)	Inches of Mercury (5"/Liter)
0.09375	0.028	2	24	10.859	0.3125	0.098	6	9.051	3	16.387	59.730	0.060	180	19.91	0.2987

Notes:

Purge volume for tubing can be calculated as follows:
(a) 3.141593(Pi) * tubing radius r^2 * inches of tubing * 16.3870641(conversion of cubic inches to milliliters)

Purge volume for the bore hole can be calculated as follow:
(b) 3.141593(Pi) * bore hole r^2 * inches of bore hole * 16.3870641(conversion of cubic inches to milliliters)

* = *Includes 2 feet of extra surface tubing*

Total purge volume can be calculated as follows:
a + b * number of tubing/bore hole volume to be purged = total purge volume

Estimated purge time can be calculated as follows:
total purge volume (ml) ÷ purge rate (max of 167 ml/min)

** = 30% of Bore Hole Sand Pack + Granular Bentonite Used in Calculation

	Leak Test Data				Purging & Sampling Data							Field Readings / Information			
Calculated Total Purge Volume (ml)	Iso-propanol Applied (yes/no)	Vacuum Train Test Start Time/ Vacuum (Hg")	Vacuum Train Test Stop Time/ Vacuum (Hg")	Vacuum Train Leak Check (pass/fail)	Time Start Purging (24 hr)	Time Stop Purging (24 hr)	Initial & Final Vacuum Gauge Reading (Hg")	Cum-ulative Total Volume Purged (ml)	Time Start Sampling (24 hr)	Time Stop Sampling (24 hr)	Final Vacuum Gauge Reading (Hg")	100 Inches of Water or Less Maintained During Sampling (yes/no)	Probe Install Date/Time	Purge Volumes	Probe Depth (Feet Below Ground Surface)
59.730	YES	9:36 / -28	9:40 / -28	Pass	10:25	10:26	-26 / -26	60	10:27	10132	-4	YES	3/02/21 07:50	3	NA

Notes:

Purge Cannister ID: 1230
Flow Controller ID: DE-1
Sample Cannister ID: 6107 Initial Vacuum: -26

SOIL GAS INVESTIGATION
PURGE, SAMPLE & LEAK TEST - FIELD DATA SHEET
1-L Summa Canister

TRINITY source group, inc. Environmental Consultants

Project No.:	575.002.003	Purge Test Location:	SS-2
Facility Name:	Former Fairway Cleaners & Laundry	Purge Method:	6L Purge Canister
Address:	1600 Capitola Road, Santa Cruz, CA	Leak Test Compound :	IPA (Isopropyl Alcohol)
Staff:	Dana K, AM	Flow Rate (ml/min):	~180
Date:	3/1/21 Tubing Size (in): 1/4 Teflon	Bore Hole Dia. (in):	0.625

Purge Volume Calculation

Inner Tubing Radius (inches)	Cross Sectional Area of Tubing (in^2)	Tubing Length* (ft)	Tubing Length (in)	Total Tubing Volume (ml)	Bore Hole Radius (inches)	Area of Bore Hole Radius (r^2)	Length of Bore Hole Sand Pack + Granular Bentonite (in)**	Total Bore Hole Volume (ml)	No. of Tubing + Bore Hole Volumes to Purge (Default=3)	Conv. of cubic inches to ml	Total Purge Volume (ml)	Total Purge Volume (L) [L= ml/1000]	Max. Purge rate (ml/min)	Est. Purge Time (sec)	Inches of Mercury (5"/Liter)
0.09375	0.028	2	24	10.859	0.3125	0.098	6	9.051	3	16.387	59.730	0.060	180	19.91	0.2987

Notes:

Purge volume for tubing can be calculated as follows:
(a) 3.141593(Pi) * tubing radius r^2 * inches of tubing * 16.3870641(conversion of cubic inches to milliliters)

Purge volume for the bore hole can be calculated as follow:
(b) 3.141593(Pi) * bore hole r^2 * inches of bore hole * 16.3870641(conversion of cubic inches to milliliters)

** = Includes 2 feet of extra surface tubing*

Total purge volume can be calculated as follows:
a + b * number of tubing/bore hole volume to be purged = total purge volume

Estimated purge time can be calculated as follows:
total purge volume (ml) ÷ purge rate (max of 167 ml/min)

** = 30% of Bore Hole Sand Pack + Granular Bentonite Used in Calculation

	Leak Test Data				Purging & Sampling Data							Field Readings / Information			
Calculated Total Purge Volume (ml)	Iso-propanol Applied (yes/no)	Vacuum Train Test Start Time/ Vacuum (Hg")	Vacuum Train Test Stop Time/ Vacuum (Hg")	Vacuum Train Leak Check (pass/fail)	Time Start Purging (24 hr)	Time Stop Purging (24 hr)	Initial & Final Vacuum Gauge Reading (Hg")	Cum-ulative Total Volume Purged (ml)	Time Start Sampling (24 hr)	Time Stop Sampling (24 hr)	Final Vacuum Gauge Reading (Hg")	100 Inches of Water or Less Maintained During Sampling (yes/no)	Probe Install Date/Time	Purge Volumes	Probe Depth (Feet Below Ground Surface)
59.730	yes	-24 @ 9:55	-24 10:05	Pass	10:05	10:06	-24/-24	60	10:06	10:15	-4	yes	3/1/21 7:40	3	NA

Notes:

Purge Cannister ID: 1430
Flow Controller ID: DE-81
Sample Cannister ID: R 3593 Initial Vacuum: -27 "Hg

SOIL GAS INVESTIGATION
PURGE, SAMPLE & LEAK TEST - FIELD DATA SHEET
1-L Summa Canister

TRINITY source group, inc. Environmental Consultants

Project No.:	575.002.003	Purge Test Location:	SS-3
Facility Name:	Former Fairway Cleaners & Laundry	Purge Method:	6L Purge Canister
Address:	1600 Capitola Road, Santa Cruz, CA	Leak Test Compound :	IPA (Isopropyl Alcohol)
Staff:	Anna M. Dana K.	Flow Rate (ml/min):	~180
Date:	3/2/2021 Tubing Size (in): 1/4 Teflon	Bore Hole Dia. (in):	0.625

Purge Volume Calculation

Inner Tubing Radius (inches)	Cross Sectional Area of Tubing (in^2)	Tubing Length* (ft)	Tubing Length (in)	Total Tubing Volume (ml)	Bore Hole Radius (inches)	Area of Bore Hole Radius (r^2)	Length of Bore Hole Sand Pack + Granular Bentonite (in)**	Total Bore Hole Volume (ml)	No. of Tubing + Bore Hole Volumes to Purge (Default=3)	Conv. of cubic inches to ml	Total Purge Volume (ml)	Total Purge Volume (L) [L= ml/1000]	Max. Purge rate (ml/min)	Est. Purge Time (sec)	Inches of Mercury (5"/Liter)
0.09375	0.028	2	24	10.859	0.3125	0.098	6	9.051	3	16.387	59.730	0.060	180	19.91	0.2987

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Purge volume for the bore hole can be calculated as follow:
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** = Includes 2 feet of extra surface tubing*

Total purge volume can be calculated as follows:
a + b * number of tubing/bore hole volume to be purged = total purge volume

Estimated purge time can be calculated as follows:
total purge volume (ml) + purge rate (max of 167 ml/min)

** = 30% of Bore Hole Sand Pack + Granular Bentonite Used in Calculation

	Leak Test Data				Purging & Sampling Data							Field Readings / Information			
Calculated Total Purge Volume (ml)	Iso-propanol Applied (yes/no)	Vacuum Train Test Start Time/ Vacuum (Hg")	Vacuum Train Test Stop Time/ Vacuum (Hg")	Vacuum Train Leak Check (pass/fail)	Time Start Purging (24 hr)	Time Stop Purging (24 hr)	Initial & Final Vacuum Gauge Reading (Hg")	Cum-ulative Total Volume Purged (ml)	Time Start Sampling (24 hr)	Time Stop Sampling (24 hr)	Final Vacuum Gauge Reading (Hg")	100 Inches of Water or Less Maintained During Sampling (yes/no)	Probe Install Date/Time	Purge Volumes	Probe Depth (Feet Below Ground Surface)
59.730	yes	0759 / ~~-26~~ -12	0809 / ~~-26~~ -12	PASS	830	831	-15 / -15	59.73	0832	0839	-4	yes	3/2/21 6:17	3	NA

Notes:

Purge Cannister ID: 1230
Flow Controller ID: DE-85
Sample Cannister ID: R3588 Initial Vacuum: -26
~~Dup-1 ID Canister:~~

SOIL GAS INVESTIGATION
PURGE, SAMPLE & LEAK TEST - FIELD DATA SHEET
1-L Summa Canister

SS-4

~~SS-3~~ (SS-3)

TRINITY source group, inc. Environmental Consultants

Project No.:	575.002.003	Purge Test Location:	~~SS-3~~
Facility Name:	Former Fairway Cleaners & Laundry	Purge Method:	6L Purge Canister
Address:	1600 Capitola Road, Santa Cruz, CA	Leak Test Compound :	IPA (Isopropyl Alcohol)
Staff:	Anna M., Dana K.	Flow Rate (ml/min):	~180
Date:	3/2/2021 Tubing Size (in): 1/4 Teflon	Bore Hole Dia. (in):	0.625

Purge Volume Calculation

Inner Tubing Radius (inches)	Cross Sectional Area of Tubing (in^2)	Tubing Length* (ft)	Tubing Length (in)	Total Tubing Volume (ml)	Bore Hole Radius (inches)	Area of Bore Hole Radius (r^2)	Length of Bore Hole Sand Pack + Granular Bentonite (in)**	Total Bore Hole Volume (ml)	No. of Tubing + Bore Hole Volumes to Purge (Default=3)	Conv. of cubic inches to ml	Total Purge Volume (ml)	Total Purge Volume (L) [L= ml/1000]	Max. Purge rate (ml/min)	Est. Purge Time (sec)	Inches of Mercury (5"/Liter)
0.09375	0.028	2	24	10.859	0.3125	0.098	6	9.051	3	16.387	59.730	0.060	180	19.91	0.2987

Notes:

Purge volume for tubing can be calculated as follows:
(a) 3.141593(Pi) * tubing radius r^2 * inches of tubing * 16.3870641(conversion of cubic inches to milliliters)

Purge volume for the bore hole can be calculated as follow:
(b) 3.141593(Pi) * bore hole r^2 * inches of bore hole * 16.3870641(conversion of cubic inches to milliliters)

** = Includes 2 feet of extra surface tubing*

Total purge volume can be calculated as follows:
a + b * number of tubing/bore hole volume to be purged = total purge volume

Estimated purge time can be calculated as follows:
total purge volume (ml) ÷ purge rate (max of 167 ml/min)

** = 30% of Bore Hole Sand Pack + Granular Bentonite Used in Calculation

	Leak Test Data				Purging & Sampling Data							Field Readings / Information			
Calculated Total Purge Volume (ml)	Iso-propanol Applied (yes/no)	Vacuum Train Test Start Time/ Vacuum (Hg")	Vacuum Train Test Stop Time/ Vacuum (Hg")	Vacuum Train Leak Check (pass/fail)	Time Start Purging (24 hr)	Time Stop Purging (24 hr)	Initial & Final Vacuum Gauge Reading (Hg")	Cum-ulative Total Volume Purged (ml)	Time Start Sampling (24 hr)	Time Stop Sampling (24 hr)	Final Vacuum Gauge Reading (Hg")	100 Inches of Water or Less Maintained During Sampling (yes/no)	Probe Install Date/Time	Purge Volumes	Probe Depth (Feet Below Ground Surface)
59.730	~~0759 -10~~	~~0810 -10~~	~~PASS~~		0932	0933	-10/-10	59.73	0934	0940	-4	yes	3/2/21 6:23	3	NA
	yes	850 -10	900 -10	PASS											

Notes:

Purge Cannister ID: 1230
Flow Controller ID: DE-84
Sample Cannister ID: 6116 Initial Vacuum: -26

SOIL GAS INVESTIGATION
PURGE, SAMPLE & LEAK TEST - FIELD DATA SHEET
1-L Summa Canister

TRINITY source group, inc. Environmental Consultants

Project No.:	309.009.003	Purge Test Location:	SS-5 + DUP
Facility Name:	Rudolph Properties	Purge Method:	6L Purge Canister
Address:	2429 Mission Street, Santa Cruz, CA	Leak Test Compound :	IPA (Isopropyl Alcohol)
Staff:	DK	Flow Control Orifice (ml/min):	80 to 180 (150)
Date:	3.2.21	Bore Hole Dia. (in):	
Tubing Size (in): 1/4 Teflon			

Purge Volume Calculation

Inner Tubing Radius (inches)	Cross Sectional Area of Tubing (in^2)	Tubing Length* (ft)	Tubing Length (in)	Total Tubing Volume (ml)	Bore Hole Radius (inches)	Area of Bore Hole Radius (r^2)	Length of Bore Hole Sand Pack + Granular Bentonite (in)**	Total Bore Hole Volume (ml)	No. of Tubing + Bore Hole Volumes to Purge (Default=3)	Conv. of cubic inches to ml	Total Purge Volume (ml)	Total Purge Volume (L) [L= ml/1000]	Max. Purge rate (ml/min)	Est. Purge Time (min)	Inches of Mercury (5"/Liter)
0.09375	0.028	2	24	10.859	0.3125	0.098	6	9.051	3	16.387	59.730	0.060	180	0.33	0.2987

Notes:

Purge volume for tubing can be calculated as follows:
(a) 3.141593(Pi) * tubing radius r^2 * inches of tubing * 16.3870641(conversion of cubic inches to milliliters)

Purge volume for the bore hole can be calculated as follow:
(b) 3.141593(Pi) * bore hole r^2 * inches of bore hole * 16.3870641(conversion of cubic inches to milliliters)

* = *Includes 2 feet of extra surface tubing*

Total purge volume can be calculated as follows:
a + b * number of tubing/bore hole volume to be purged = total purge volume

Estimated purge time can be calculated as follows:
total purge volume (ml) + purge rate (max of 167 ml/min)

** = 30% of Bore Hole Sand Pack + Granular Bentonite Used in Calculation

Leak Test Data					Purging & Sampling Data							Field Readings / Information			
Calculated Total Purge Volume (ml)	Iso-propanol Applied (yes/no)	Vacuum Train Test Start Time/ Vacuum (Hg")	Vacuum Train Test Stop Time/ Vacuum (Hg")	Vacuum Train Leak Check (pass/fail)	Time Start Purging (24 hr)	Time Stop Purging (24 hr)	Initial & Final Vacuum Gauge Reading (Hg")	Cum-ulative Total Volume Purged (ml)	Time Start Sampling (24 hr)	Time Stop Sampling (24 hr)	Final Vacuum Gauge Reading (Hg")	100 Inches of Water or Less Maintained Durring Sampling (yes/no)	Probe Install Date/Time	Purge Volumes	Probe Depth (Feet Below Ground Surface)
59.730	yes	-0750/-26	-0801/-26	PASS	856	857	-26/-25	59.73	0859	0912	-4	yes	3.2.21 0:25	3	NA

Notes:

Purge Cannister ID: 1430
Manifold ID: DE-39
Sample Cannister ID: N3978
Sample Canister ID, DUP-1: R3563

SOIL GAS INVESTIGATION
PURGE, SAMPLE & LEAK TEST - FIELD DATA SHEET
1-L Summa Canister

TRINITY source group, inc. Environmental Consultants

Project No.:	575.002.003	**Purge Test Location:**	SVP-1-5
Facility Name:	Former Fairway Cleaners & Laundry	**Purge Method:**	6L Purge Canister
Address:	1600 Capitola Road, Santa Cruz, CA	**Leak Test Compound :**	IPA (Isopropyl Alcohol)
Staff:	Dana K, Anna M	**Flow Rate (ml/min):**	~180
Date:		**Tubing Size (in):** 1/4 Teflon	**Bore Hole Dia. (in):** 2.25

Purge Volume Calculation

Inner Tubing Radius (inches)	Cross Sectional Area of Tubing (in^2)	Tubing Length* (ft)	Tubing Length (in)	Total Tubing Volume (ml)	Bore Hole Radius (inches)	Bore Hole Radius (r^2)	Length of Bore Hole Sand Pack + Granular Bentonite (in)**	Total Bore Hole Volume (ml)	No. of Tubing + Bore Hole Volumes to Purge (Default=3)	Conv. of cubic inches to ml	Total Purge Volume (ml)	Total Purge Volume (L) [L= ml/1000]	Max. Purge rate (ml/min)	Est. Purge Time (min)	Inches of Mercury (5"/Liter)
0.09375	0.028	7	84	38.008	1.125	1.266	24	469.186	3	16.387	1521.581	1.522	180	8.45	8

Notes:

Purge volume for tubing can be calculated as follows:
(a) 3.141593(Pi) * tubing radius r^2 * inches of tubing * 16.3870641(conversion of cubic inches to milliliters)

Purge volume for the bore hole can be calculated as follow:
(b) 3.141593(Pi) * bore hole r^2 * inches of bore hole * 16.3870641(conversion of cubic inches to milliliters)

* = *Includes 2 feet of extra surface tubing*

Total purge volume can be calculated as follows:
a + b * number of tubing/bore hole volume to be purged = total purge volume

Estimated purge time can be calculated as follows:
total purge volume (ml) ÷ purge rate (max of 167 ml/min)

** = 30% of Bore Hole Sand Pack + Granular Bentonite Used in Calculation

	Leak Test Data				Purging & Sampling Data							Field Readings / Information			
Calculated Total Purge Volume (ml)	Iso-propanol Applied (yes/no)	Vacuum Train Test Start Time/ Vacuum (Hg")	Vacuum Train Test Stop Time/ Vacuum (Hg")	Vacuum Train Leak Check (pass/fail)	Time Start Purging (24 hr)	Time Stop Purging (24 hr)	Initial & Final Vacuum Gauge Reading (Hg")	Cum-ulative Total Volume Purged (ml)	Time Start Sampling (24 hr)	Time Stop Sampling (24 hr)	Final Vacuum Gauge Reading (Hg")	100 Inches of Water or Less Maintained During Sampling (yes/no)	Probe Install Date/Time	Purge Volumes	Probe Depth (Feet)
1521.581	yes	1647 / -20	1657 / -20	Pass	1658	1707	-18 / -14	1521.58	1707	1713	-4	yes	3/2/21 @ 1430	3	5.00

Notes:

Purge Cannister ID: 1430
Flow Controller ID: DE-64
Sample Cannister ID: R3585 Initial Vacuum: -28

probe installed at 1430 on 3/1/2021

SOIL GAS INVESTIGATION
PURGE, SAMPLE & LEAK TEST - FIELD DATA SHEET
1-L Summa Canister

TRINITY source group, inc. Environmental Consultants

Project No.:	575.002.003	**Purge Test Location:**	SVP-1-15 + DUP-2
Facility Name:	Former Fairway Cleaners & Laundry	**Purge Method:**	6L Purge Canister
Address:	1600 Capitola Road, Santa Cruz, CA	**Leak Test Compound :**	IPA (Isopropyl Alcohol)
Staff:	Anna M., Dana K.	**Flow Rate (ml/min):**	~180
Date:	3/2/2021	**Tubing Size (in):** 1/4 Teflon	**Bore Hole Dia. (in):** 2.25

Purge Volume Calculation

Inner Tubing Radius (inches)	Cross Sectional Area of Tubing (in^2)	Tubing Length* (ft)	Tubing Length (in)	Total Tubing Volume (ml)	Bore Hole Radius (inches)	Bore Hole Radius (r^2)	Length of Bore Hole Sand Pack + Granular Bentonite (in)**	Total Bore Hole Volume (ml)	No. of Tubing + Bore Hole Volumes to Purge (Default=3)	Conv. of cubic inches to ml	Total Purge Volume (ml)	Total Purge Volume (L) [L= ml/1000]	Max. Purge rate (ml/min)	Est. Purge Time (min)	Inches of Mercury (5"/Liter)
0.09375	0.028	17	204	92.305	1.125	1.266	24	469.186	3	16.387	1684.472	1.684	180	9.36	8

Notes:

Purge volume for tubing can be calculated as follows:
(a) 3.141593(Pi) * tubing radius r^2 * inches of tubing * 16.3870641(conversion of cubic inches to milliliters)

Purge volume for the bore hole can be calculated as follow:
(b) 3.141593(Pi) * bore hole r^2 * inches of bore hole * 16.3870641(conversion of cubic inches to milliliters)

* = *Includes 2 feet of extra surface tubing*

Total purge volume can be calculated as follows:
a + b * number of tubing/bore hole volume to be purged = total purge volume

Estimated purge time can be calculated as follows:
total purge volume (ml) ÷ purge rate (max of 167 ml/min)

** = 30% of Bore Hole Sand Pack + Granular Bentonite Used in Calculation

	Leak Test Data				Purging & Sampling Data							Field Readings / Information			
Calculated Total Purge Volume (ml)	Iso-propanol Applied (yes/no)	Vacuum Train Test Start Time/ Vacuum (Hg")	Vacuum Train Test Stop Time/ Vacuum (Hg")	Vacuum Train Leak Check (pass/fail)	Time Start Purging (24 hr)	Time Stop Purging (24 hr)	Initial & Final Vacuum Gauge Reading (Hg")	Cum-ulative Total Volume Purged (ml)	Time Start Sampling (24 hr)	Time Stop Sampling (24 hr)	Final Vacuum Gauge Reading (Hg")	100 Inches of Water or Less Maintained During Sampling (yes/no)	Probe Install Date/Time	Purge Volumes	Probe Depth (Feet)
1684.472	YES	1720/-10	1730/-10	PASS	1732	1742	-8/-4	1684.47	1742	1752	-4	yes	3/2/21 1430	3	5.00

Notes:

Purge Cannister ID: 1430
Flow Controller ID: DE-13
Sample Cannister ID: A7481 Initial Vacuum: -24
Dup-2 Sample Cannister ID: A7648

SOIL GAS INVESTIGATION
PURGE, SAMPLE & LEAK TEST - FIELD DATA SHEET
1-L Summa Canister

TRINITY source group, inc. Environmental Consultants

Project No.:	575.002.003	**Purge Test Location:**	SVP-2-5'
Facility Name:	Former Fairway Cleaners & Laundry	**Purge Method:**	6L Purge Canister
Address:	1600 Capitola Road, Santa Cruz, CA	**Leak Test Compound :**	IPA (Isopropyl Alcohol)
Staff:	Anna M. Dana K.	**Flow Rate (ml/min):**	~180
Date:	3/2/2021	**Tubing Size (in):** 1/4 Teflon	**Bore Hole Dia. (in):** 2.25

Purge Volume Calculation

Inner Tubing Radius (inches)	Cross Sectional Area of Tubing (in^2)	Tubing Length* (ft)	Tubing Length (in)	Total Tubing Volume (ml)	Bore Hole Radius (inches)	Bore Hole Radius (r^2)	Length of Bore Hole Sand Pack + Granular Bentonite (in)**	Total Bore Hole Volume (ml)	No. of Tubing + Bore Hole Volumes to Purge (Default=3)	Conv. of cubic inches to ml	Total Purge Volume (ml)	Total Purge Volume (L) [L= ml/1000]	Max. Purge rate (ml/min)	Est. Purge Time (min)	Inches of Mercury (5"/Liter)
0.09375	0.028	7	84	38.008	1.125	1.266	24	469.186	3	16.387	1521.581	1.522	180	8.45	8

Notes:

Purge volume for tubing can be calculated as follows:
(a) 3.141593(Pi) * tubing radius r^2 * inches of tubing * 16.3870641(conversion of cubic inches to milliliters)

Purge volume for the bore hole can be calculated as follow:
(b) 3.141593(Pi) * bore hole r^2 * inches of bore hole * 16.3870641(conversion of cubic inches to milliliters)

* = *Includes 2 feet of extra surface tubing*

Total purge volume can be calculated as follows:
a + b * number of tubing/bore hole volume to be purged = total purge volume

Estimated purge time can be calculated as follows:
total purge volume (ml) ÷ purge rate (max of 167 ml/min)

** = 30% of Bore Hole Sand Pack + Granular Bentonite Used in Calculation

	Leak Test Data				Purging & Sampling Data							Field Readings / Information			
Calculated Total Purge Volume (ml)	Iso-propanol Applied (yes/no)	Vacuum Train Test Start Time/ Vacuum (Hg")	Vacuum Train Test Stop Time/ Vacuum (Hg")	Vacuum Train Leak Check (pass/fail)	Time Start Purging (24 hr)	Time Stop Purging (24 hr)	Initial & Final Vacuum Gauge Reading (Hg")	Cum-ulative Total Volume Purged (ml)	Time Start Sampling (24 hr)	Time Stop Sampling (24 hr)	Final Vacuum Gauge Reading (Hg")	100 Inches of Water or Less Maintained During Sampling (yes/no)	Probe Install Date/Time	Purge Volumes	Probe Depth (Feet)
1521.581	–	1153 / -10	1156 / -9	FAIL	1247	1256	-10 / -9	1521	1256	1720	-4-15	no*		3	5.00
	yes	1158 / -12	1210 / -12	PASS							-15" Hg remain in	probe			

Notes:

Purge Cannister ID: 1230
Flow Controller ID: DE-36
Sample Cannister ID: N1435 Initial Vacuum: -28"

* very low flow, gauge climbing from -10" Hg at start of sampling. low flow conditions

SOIL GAS INVESTIGATION
PURGE, SAMPLE & LEAK TEST - FIELD DATA SHEET
1-L Summa Canister

TRINITY source group, inc. Environmental Consultants

Project No.:	575.002.003	**Purge Test Location:**	SVP-2-15
Facility Name:	Former Fairway Cleaners & Laundry	**Purge Method:**	6L Purge Canister
Address:	1600 Capitola Road, Santa Cruz, CA	**Leak Test Compound :**	IPA (Isopropyl Alcohol)
Staff:	AM, DK	**Flow Rate (ml/min):**	~180
Date:	3.2.21	**Tubing Size (in):** 1/4 Teflon	**Bore Hole Dia. (in):** 2.25

Purge Volume Calculation

Inner Tubing Radius (inches)	Cross Sectional Area of Tubing (in^2)	Tubing Length* (ft)	Tubing Length (in)	Total Tubing Volume (ml)	Bore Hole Radius (inches)	Bore Hole Radius (r^2)	Length of Bore Hole Sand Pack + Granular Bentonite (in)**	Total Bore Hole Volume (ml)	No. of Tubing + Bore Hole Volumes to Purge (Default=3)	Conv. of cubic inches to ml	Total Purge Volume (ml)	Total Purge Volume (L) [L= ml/1000]	Max. Purge rate (ml/min)	Est. Purge Time (min)	Inches of Mercury (5"/Liter)
0.09375	0.028	17	204	92.305	1.125	1.266	24	469.186	3	16.387	1684.472	1.684	180	9.36	8

Notes:

Purge volume for tubing can be calculated as follows:
(a) 3.141593(Pi) * tubing radius r^2 * inches of tubing * 16.3870641(conversion of cubic inches to milliliters)

Purge volume for the bore hole can be calculated as follow:
(b) 3.141593(Pi) * bore hole r^2 * inches of bore hole * 16.3870641(conversion of cubic inches to milliliters)

* = *Includes 2 feet of extra surface tubing*

Total purge volume can be calculated as follows:
a + b * number of tubing/bore hole volume to be purged = total purge volume

Estimated purge time can be calculated as follows:
total purge volume (ml) ÷ purge rate (max of 167 ml/min)

** = 30% of Bore Hole Sand Pack + Granular Bentonite Used in Calculation

	Leak Test Data				Purging & Sampling Data							Field Readings / Information			
Calculated Total Purge Volume (ml)	Iso-propanol Applied (yes/no)	Vacuum Train Test Start Time/ Vacuum (Hg")	Vacuum Train Test Stop Time/ Vacuum (Hg")	Vacuum Train Leak Check (pass/fail)	Time Start Purging (24 hr)	Time Stop Purging (24 hr)	Initial & Final Vacuum Gauge Reading (Hg")	Cum-ulative Total Volume Purged (ml)	Time Start Sampling (24 hr)	Time Stop Sampling (24 hr)	Final Vacuum Gauge Reading (Hg")	100 Inches of Water or Less Maintained During Sampling (yes/no)	Probe Install Date/Time	Purge Volumes	Probe Depth (Feet)
1684.472	Yes	1154/-14	1204/-14	Passed	1247	12:57	-12/-8	1.684	12:57	13:03	-4	Yes	3.2.21 9:50	3	5.00

Notes:

Purge Cannister ID: 1426
Flow Controller ID: DE-13
Sample Cannister ID: R3597 Initial Vacuum: -26

SOIL GAS INVESTIGATION
PURGE, SAMPLE & LEAK TEST - FIELD DATA SHEET
1-L Summa Canister

TRINITY source group, inc. Environmental Consultants

Project No.:	575.002.003	**Purge Test Location:**	SVP-3-5
Facility Name:	Former Fairway Cleaners & Laundry	**Purge Method:**	6L Purge Canister
Address:	1600 Capitola Road, Santa Cruz, CA	**Leak Test Compound :**	IPA (Isopropyl Alcohol)
Staff:	Anna M., Dana K	**Flow Rate (ml/min):**	~180
Date:	3/1/2021 **Tubing Size (in):** 1/4 Teflon	**Bore Hole Dia. (in):** 2.25	

Purge Volume Calculation

Inner Tubing Radius (inches)	Cross Sectional Area of Tubing (in^2)	Tubing Length* (ft)	Tubing Length (in)	Total Tubing Volume (ml)	Bore Hole Radius (inches)	Bore Hole Radius (r^2)	Length of Bore Hole Sand Pack + Granular Bentonite (in)**	Total Bore Hole Volume (ml)	No. of Tubing + Bore Hole Volumes to Purge (Default=3)	Conv. of cubic inches to ml	Total Purge Volume (ml)	Total Purge Volume (L) [L= ml/1000]	Max. Purge rate (ml/min)	Est. Purge Time (min)	Inches of Mercury (5"/Liter)
0.09375	0.028	7	84	38.008	1.125	1.266	24	469.186	3	16.387	1521.581	1.522	180	8.45	8

Notes:

Purge volume for tubing can be calculated as follows:
(a) 3.141593(Pi) * tubing radius r^2 * inches of tubing * 16.3870641(conversion of cubic inches to milliliters)

Purge volume for the bore hole can be calculated as follow:
(b) 3.141593(Pi) * bore hole r^2 * inches of bore hole * 16.3870641(conversion of cubic inches to milliliters)

* = *Includes 2 feet of extra surface tubing*

Total purge volume can be calculated as follows:
a + b * number of tubing/bore hole volume to be purged = total purge volume

Estimated purge time can be calculated as follows:
total purge volume (ml) ÷ purge rate (max of 167 ml/min)

** = 30% of Bore Hole Sand Pack + Granular Bentonite Used in Calculation

	Leak Test Data				Purging & Sampling Data							Field Readings / Information			
Calculated Total Purge Volume (ml)	Iso-propanol Applied (yes/no)	Vacuum Train Test Start Time/ Vacuum (Hg")	Vacuum Train Test Stop Time/ Vacuum (Hg")	Vacuum Train Leak Check (pass/fail)	Time Start Purging (24 hr)	Time Stop Purging (24 hr)	Initial & Final Vacuum Gauge Reading (Hg")	Cum-ulative Total Volume Purged (ml)	Time Start Sampling (24 hr)	Time Stop Sampling (24 hr)	Final Vacuum Gauge Reading (Hg")	100 Inches of Water or Less Maintained During Sampling (yes/no)	Probe Install Date/Time	Purge Volumes	Probe Depth (Feet)
1521.581	yes	1250 / -16	1300 / -16	PASS	1301	1310	-22 / -4	1,522	1310	1316	-4	yes	3/1/2021 @1045	3	5.00

Notes:

Purge Cannister ID: 1426
Flow Controller ID: DE-14
Sample Cannister ID: R3554 Initial Vacuum: -22

Probe installed on 3/1/2021 @ 1045

SOIL GAS INVESTIGATION
PURGE, SAMPLE & LEAK TEST - FIELD DATA SHEET
1-L Summa Canister

TRINITY source group, inc. Environmental Consultants

Project No.:	575.002.003	**Purge Test Location:**	SVP-3-15
Facility Name:	Former Fairway Cleaners & Laundry	**Purge Method:**	6L Purge Canister
Address:	1600 Capitola Road, Santa Cruz, CA	**Leak Test Compound :**	IPA (Isopropyl Alcohol)
Staff:	KM	**Flow Rate (ml/min):**	~180
Date:	3/1/21	**Tubing Size (in):** 1/4 Teflon	**Bore Hole Dia. (in):** 2.25

Purge Volume Calculation

Inner Tubing Radius (inches)	Cross Sectional Area of Tubing (in^2)	Tubing Length* (ft)	Tubing Length (in)	Total Tubing Volume (ml)	Bore Hole Radius (inches)	Bore Hole Radius (r^2)	Length of Bore Hole Sand Pack + Granular Bentonite (in)**	Total Bore Hole Volume (ml)	No. of Tubing + Bore Hole Volumes to Purge (Default=3)	Conv. of cubic inches to ml	Total Purge Volume (ml)	Total Purge Volume (L) [L= ml/1000]	Max. Purge rate (ml/min)	Est. Purge Time (min)	Inches of Mercury (5"/Liter)
0.09375	0.028	17	204	92.305	1.125	1.266	24	469.186	3	16.387	1684.472	1.684	180	9.36	8

Notes:

Purge volume for tubing can be calculated as follows:
(a) 3.141593(Pi) * tubing radius r^2 * inches of tubing * 16.3870641(conversion of cubic inches to milliliters)

Purge volume for the bore hole can be calculated as follow:
(b) 3.141593(Pi) * bore hole r^2 * inches of bore hole * 16.3870641(conversion of cubic inches to milliliters)

* = *Includes 2 feet of extra surface tubing*

Total purge volume can be calculated as follows:
a + b * number of tubing/bore hole volume to be purged = total purge volume

Estimated purge time can be calculated as follows:
total purge volume (ml) ÷ purge rate (max of 167 ml/min)

** = 30% of Bore Hole Sand Pack + Granular Bentonite Used in Calculation

	Leak Test Data				Purging & Sampling Data							Field Readings / Information			
Calculated Total Purge Volume (ml)	Iso-propanol Applied (yes/no)	Vacuum Train Test Start Time/ Vacuum (Hg")	Vacuum Train Test Stop Time/ Vacuum (Hg")	Vacuum Train Leak Check (pass/fail)	Time Start Purging (24 hr)	Time Stop Purging (24 hr)	Initial & Final Vacuum Gauge Reading (Hg")	Cum-ulative Total Volume Purged (ml)	Time Start Sampling (24 hr)	Time Stop Sampling (24 hr)	Final Vacuum Gauge Reading (Hg")	100 Inches of Water or Less Maintained During Sampling (yes/no)	Probe Install Date/Time	Purge Volumes	Probe Depth (Feet)
1684.472	Yes	1249/-18	1259/-18	Passed	13:00	13:10	-18/-12	1,684	TB:11	13:17	-4	Yes	3/1/21 10:45	3	5.00
									13:11 AM						

Notes:

Purge Cannister ID: 1230
Flow Controller ID: DE-63
Sample Cannister ID: A7565 Initial Vacuum: -26

SOIL GAS INVESTIGATION
PURGE, SAMPLE & LEAK TEST - FIELD DATA SHEET
1-L Summa Canister

TRINITY source group, inc. Environmental Consultants

Project No.:	575.002.003	**Purge Test Location:**	SVP-4-5
Facility Name:	Former Fairway Cleaners & Laundry	**Purge Method:**	6L Purge Canister
Address:	1600 Capitola Road, Santa Cruz, CA	**Leak Test Compound :**	IPA (Isopropyl Alcohol)
Staff:	Anna M., Dana K.	**Flow Rate (ml/min):**	~180
Date:	3/1/2021 **Tubing Size (in):** 1/4 Teflon	**Bore Hole Dia. (in):** 2.25	

Purge Volume Calculation

Inner Tubing Radius (inches)	Cross Sectional Area of Tubing (in^2)	Tubing Length* (ft)	Tubing Length (in)	Total Tubing Volume (ml)	Bore Hole Radius (inches)	Bore Hole Radius (r^2)	Length of Bore Hole Sand Pack + Granular Bentonite (in)**	Total Bore Hole Volume (ml)	No. of Tubing + Bore Hole Volumes to Purge (Default=3)	Conv. of cubic inches to ml	Total Purge Volume (ml)	Total Purge Volume (L) [L= ml/1000]	Max. Purge rate (ml/min)	Est. Purge Time (min)	Inches of Mercury (5"/Liter)
0.09375	0.028	7	84	38.008	1.125	1.266	24	469.186	3	16.387	1521.581	1.522	180	8.45	8

Notes:

Purge volume for tubing can be calculated as follows:
(a) 3.141593(Pi) * tubing radius r^2 * inches of tubing * 16.3870641(conversion of cubic inches to milliliters)

Purge volume for the bore hole can be calculated as follow:
(b) 3.141593(Pi) * bore hole r^2 * inches of bore hole * 16.3870641(conversion of cubic inches to milliliters)

* = *Includes 2 feet of extra surface tubing*

Total purge volume can be calculated as follows:
a + b * number of tubing/bore hole volume to be purged = total purge volume

Estimated purge time can be calculated as follows:
total purge volume (ml) ÷ purge rate (max of 167 ml/min)

** = 30% of Bore Hole Sand Pack + Granular Bentonite Used in Calculation

	Leak Test Data				Purging & Sampling Data							Field Readings / Information			
Calculated Total Purge Volume (ml)	Iso-propanol Applied (yes/no)	Vacuum Train Test Start Time/ Vacuum (Hg")	Vacuum Train Test Stop Time/ Vacuum (Hg")	Vacuum Train Leak Check (pass/fail)	Time Start Purging (24 hr)	Time Stop Purging (24 hr)	Initial & Final Vacuum Gauge Reading (Hg")	Cum-ulative Total Volume Purged (ml)	Time Start Sampling (24 hr)	Time Stop Sampling (24 hr)	Final Vacuum Gauge Reading (Hg")	100 Inches of Water or Less Maintained During Sampling (yes/no)	Probe Install Date/Time	Purge Volumes	Probe Depth (Feet)
1521.581	yes	1118/-26	1128/-26	PASS	1129	1138	-28/-4	1,522	1153	1200	-4	yes	3/1/21 8:50	3	5.00

Notes:

Purge Cannister ID: 1230
Flow Controller ID: DE-53
Sample Cannister ID: R3732 Initial Vacuum: -28"

SVP installed @ 8:50 on 3/1/2021

SOIL GAS INVESTIGATION
PURGE, SAMPLE & LEAK TEST - FIELD DATA SHEET
1-L Summa Canister

TRINITY source group, inc. Environmental Consultants

Project No.:	575.002.003	**Purge Test Location:**	SVP-4-15
Facility Name:	Former Fairway Cleaners & Laundry	**Purge Method:**	6L Purge Canister
Address:	1600 Capitola Road, Santa Cruz, CA	**Leak Test Compound :**	IPA (Isopropyl Alcohol)
Staff:	DK, AM	**Flow Rate (ml/min):**	~180
Date:	3/1/21	**Tubing Size (in):** 1/4 Teflon	**Bore Hole Dia. (in):** 2.25

Purge Volume Calculation

Inner Tubing Radius (inches)	Cross Sectional Area of Tubing (in^2)	Tubing Length* (ft)	Tubing Length (in)	Total Tubing Volume (ml)	Bore Hole Radius (inches)	Bore Hole Radius (r^2)	Length of Bore Hole Sand Pack + Granular Bentonite (in)**	Total Bore Hole Volume (ml)	No. of Tubing + Bore Hole Volumes to Purge (Default=3)	Conv. of cubic inches to ml	Total Purge Volume (ml)	Total Purge Volume (L) [L= ml/1000]	Max. Purge rate (ml/min)	Est. Purge Time (min)	Inches of Mercury (5"/Liter)
0.09375	0.028	17	204	92.305	1.125	1.266	24	469.186	3	16.387	1684.472	1.684	180	9.36	8

Notes:

Purge volume for tubing can be calculated as follows:
(a) 3.141593(Pi) * tubing radius r^2 * inches of tubing * 16.3870641(conversion of cubic inches to milliliters)

Purge volume for the bore hole can be calculated as follow:
(b) 3.141593(Pi) * bore hole r^2 * inches of bore hole * 16.3870641(conversion of cubic inches to milliliters)

* = *Includes 2 feet of extra surface tubing*

Total purge volume can be calculated as follows:
a + b * number of tubing/bore hole volume to be purged = total purge volume

Estimated purge time can be calculated as follows:
total purge volume (ml) ÷ purge rate (max of 167 ml/min)

** = 30% of Bore Hole Sand Pack + Granular Bentonite Used in Calculation

	Leak Test Data				Purging & Sampling Data							Field Readings / Information			
Calculated Total Purge Volume (ml)	Iso-propanol Applied (yes/no)	Vacuum Train Test Start Time/ Vacuum (Hg")	Vacuum Train Test Stop Time/ Vacuum (Hg")	Vacuum Train Leak Check (pass/fail)	Time Start Purging (24 hr)	Time Stop Purging (24 hr)	Initial & Final Vacuum Gauge Reading (Hg")	Cum-ulative Total Volume Purged (ml)	Time Start Sampling (24 hr)	Time Stop Sampling (24 hr)	Final Vacuum Gauge Reading (Hg")	100 Inches of Water or Less Maintained During Sampling (yes/no)	Probe Install Date/Time	Purge Volumes	Probe Depth (Feet)
1684.472	Yes	1155/-26	1145/-26	Pass	11:43	11:53	26/20	1,684	11:53	11:59	-4	Yes	3/1/21/1350	3	5.00

Notes:

Purge Cannister ID: 1426
Flow Controller ID: DE-52
Sample Cannister ID: N3974 Initial Vacuum: -26 /-4 Final

SOIL GAS INVESTIGATION
PURGE, SAMPLE & LEAK TEST - FIELD DATA SHEET
1-L Summa Canister

TRINITY source group, inc. Environmental Consultants

Project No.:	575.002.003	**Purge Test Location:**	SVP-5-5
Facility Name:	Former Fairway Cleaners & Laundry	**Purge Method:**	6L Purge Canister
Address:	1600 Capitola Road, Santa Cruz, CA	**Leak Test Compound :**	IPA (Isopropyl Alcohol)
Staff:	DK	**Flow Rate (ml/min):**	~180
Date:	3.2.21 **Tubing Size (in):** 1/4 Teflon	**Bore Hole Dia. (in):** 2.25	

Purge Volume Calculation

Inner Tubing Radius (inches)	Cross Sectional Area of Tubing (in^2)	Tubing Length* (ft)	Tubing Length (in)	Total Tubing Volume (ml)	Bore Hole Radius (inches)	Bore Hole Radius (r^2)	Length of Bore Hole Sand Pack + Granular Bentonite (in)**	Total Bore Hole Volume (ml)	No. of Tubing + Bore Hole Volumes to Purge (Default=3)	Conv. of cubic inches to ml	Total Purge Volume (ml)	Total Purge Volume (L) [L= ml/1000]	Max. Purge rate (ml/min)	Est. Purge Time (min)	Inches of Mercury (5"/Liter)
0.09375	0.028	7	84	38.008	1.125	1.266	24	469.186	3	16.387	1521.581	1.522	180	8.45	8

Notes:

Purge volume for tubing can be calculated as follows:
(a) 3.141593(Pi) * tubing radius r^2 * inches of tubing * 16.3870641(conversion of cubic inches to milliliters)

Purge volume for the bore hole can be calculated as follow:
(b) 3.141593(Pi) * bore hole r^2 * inches of bore hole * 16.3870641(conversion of cubic inches to milliliters)

* = *Includes 2 feet of extra surface tubing*

Total purge volume can be calculated as follows:
a + b * number of tubing/bore hole volume to be purged = total purge volume

Estimated purge time can be calculated as follows:
total purge volume (ml) ÷ purge rate (max of 167 ml/min)

** = 30% of Bore Hole Sand Pack + Granular Bentonite Used in Calculation

	Leak Test Data				Purging & Sampling Data							Field Readings / Information			
Calculated Total Purge Volume (ml)	Iso-propanol Applied (yes/no)	Vacuum Train Test Start Time/ Vacuum (Hg")	Vacuum Train Test Stop Time/ Vacuum (Hg")	Vacuum Train Leak Check (pass/fail)	Time Start Purging (24 hr)	Time Stop Purging (24 hr)	Initial & Final Vacuum Gauge Reading (Hg")	Cum-ulative Total Volume Purged (ml)	Time Start Sampling (24 hr)	Time Stop Sampling (24 hr)	Final Vacuum Gauge Reading (Hg")	100 Inches of Water or Less Maintained During Sampling (yes/no)	Probe Install Date/Time	Purge Volumes	Probe Depth (Feet)
1521.581	Yes	1320 -8/10	1330 -10	Pass	1336	1345	-8/-2	1521.58	1347	1353	-4	yes	3.2.21 11:30	3	5.00

Notes:

Purge Cannister ID: 142E
Flow Controller ID: DE-21
Sample Cannister ID: A11732 Initial Vacuum: -24

SOIL GAS INVESTIGATION
PURGE, SAMPLE & LEAK TEST - FIELD DATA SHEET
1-L Summa Canister

TRINITY source group, inc. Environmental Consultants

Project No.:	575.002.003	**Purge Test Location:**	SVP-5-15
Facility Name:	Former Fairway Cleaners & Laundry	**Purge Method:**	6L Purge Canister
Address:	1600 Capitola Road, Santa Cruz, CA	**Leak Test Compound :**	IPA (Isopropyl Alcohol)
Staff:	DK	**Flow Rate (ml/min):**	~180
Date:	3.2.21 **Tubing Size (in): 1/4 Teflon**	**Bore Hole Dia. (in): 2.25**	

Purge Volume Calculation

Inner Tubing Radius (inches)	Cross Sectional Area of Tubing (in^2)	Tubing Length* (ft)	Tubing Length (in)	Total Tubing Volume (ml)	Bore Hole Radius (inches)	Bore Hole Radius (r^2)	Length of Bore Hole Sand Pack + Granular Bentonite (in)**	Total Bore Hole Volume (ml)	No. of Tubing + Bore Hole Volumes to Purge (Default=3)	Conv. of cubic inches to ml	Total Purge Volume (ml)	Total Purge Volume (L) [L= ml/1000]	Max. Purge rate (ml/min)	Est. Purge Time (min)	Inches of Mercury (5"/Liter)
0.09375	0.028	17	204	92.305	1.125	1.266	24	469.186	3	16.387	1684.472	1.684	180	9.36	8

Notes:

Purge volume for tubing can be calculated as follows:
(a) 3.141593(Pi) * tubing radius r^2 * inches of tubing * 16.3870641(conversion of cubic inches to milliliters)

Purge volume for the bore hole can be calculated as follow:
(b) 3.141593(Pi) * bore hole r^2 * inches of bore hole * 16.3870641(conversion of cubic inches to milliliters)

** = Includes 2 feet of extra surface tubing*

Total purge volume can be calculated as follows:
a + b * number of tubing/bore hole volume to be purged = total purge volume

Estimated purge time can be calculated as follows:
total purge volume (ml) ÷ purge rate (max of 167 ml/min)

** = 30% of Bore Hole Sand Pack + Granular Bentonite Used in Calculation

	Leak Test Data				Purging & Sampling Data							Field Readings / Information			
Calculated Total Purge Volume (ml)	Iso-propanol Applied (yes/no)	Vacuum Train Test Start Time/ Vacuum (Hg")	Vacuum Train Test Stop Time/ Vacuum (Hg")	Vacuum Train Leak Check (pass/fail)	Time Start Purging (24 hr)	Time Stop Purging (24 hr)	Initial & Final Vacuum Gauge Reading (Hg")	Cum-ulative Total Volume Purged (ml)	Time Start Sampling (24 hr)	Time Stop Sampling (24 hr)	Final Vacuum Gauge Reading (Hg")	100 Inches of Water or Less Maintained During Sampling (yes/no)	Probe Install Date/Time	Purge Volumes	Probe Depth (Feet)
1684.472	Yes	1318 -20	1328 -20	Pass	1335	1345	-20 / -12	1684.47	1346	1351	-4	yes	3.1.21 11:30	3	5.00

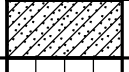
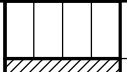
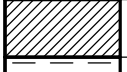
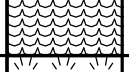
Notes:

Purge Cannister ID: 1430
Flow Controller ID: DE-10
Sample Cannister ID: A7470 Initial Vacuum: -32

Appendix E: Boring Logs

GrfcTextLGD A NNNN03 9/26/2005 8:47:11 AM

UNIFIED SOIL CLASSIFICATION SYSTEM - ASTM D2488

MAJOR DIVISION			GROUP SYMBOL	LETTER SYMBOL	GROUP NAME
COARSE GRAINED SOILS CONTAINS MORE THAN 50% FINES	**GRAVEL AND GRAVELLY SOILS** MORE THAN 50% OF COARSE FRACTION RETAINED ON NO. 4 SIEVE	GRAVEL WITH * 5% FINES		GW	Well-graded GRAVEL
				GP	Poorly graded GRAVEL
		GRAVEL WITH BETWEEN 5% AND 15% FINES		GW-GM	Well-graded GRAVEL with silt
				GW-GC	Well-graded GRAVEL with clay
				GP-GM	Poorly graded GRAVEL with silt
				GP-GC	Poorly graded GRAVEL with clay
		GRAVEL WITH ≥ 15% FINES		GM	Silty GRAVEL
				GC	Clayey GRAVEL
	SAND AND SANDY SOILS MORE THAN 50% OF COARSE FRACTION PASSING ON NO. 4 SIEVE	SAND WITH * 5% FINES		SW	Well-graded SAND
				SP	Poorly graded SAND
		SAND WITH BETWEEN 5% AND 15% FINES		SW-SM	Well-graded SAND with silt
				SW-SC	Well-graded SAND with clay
				SP-SM	Poorly graded SAND with silt
				SP-SC	Poorly graded SAND with clay
		SAND WITH ≥ 15% FINES		SM	Silty SAND
				SC	Clayey SAND
FINE GRAINED SOILS CONTAINS MORE THAN 50% FINES	SILT AND CLAY	LIQUID LIMIT LESS THAN 50		ML	Inorganic SILT with low plasticity
				CL	Lean inorganic CLAY with low to moderate plasticity
				OL	Organic SILT with low to moderate plasticity
		LIQUID LIMIT GREATER THAN 50		MH	Elastic inorganic SILT with high plasticity
				CH	Fat inorganic CLAY with high plasticity
				OH	Organic SILT or CLAY with high plasticity
HIGHLY ORGANIC SOILS				PT	PEAT soils with high organic contents

NOTES:

1) Sample descriptions are based on visual field and laboratory observations using classification methods of ASTM D2488. Where laboratory data are available, classifications are in accordance with ASTM D2487.

2) Solid lines between soil descriptions indicate change in interpreted geologic unit. Dashed lines indicate stratigraphic change within the unit.

3) Fines are material passing the U.S. Std. #200 Sieve.

Trinity Source Group
119 Encinal Street
Santa Cruz, Ca 95060
Telephone: 831-426-5600

BORING NUMBER SB-1

CLIENT 17th & Capitola, LP
PROJECT NAME Former Fairway Cleaners
PROJECT NUMBER 575.002.003
PROJECT LOCATION 1600 Capitola Road, Santa Cruz
DATE STARTED 3/5/2021 **COMPLETED** 3/5/2021
GROUND ELEVATION ____ **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Trinity Drilling, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING 25.6 ft
LOGGED BY Anna Machulskaya **CHECKED BY** Warren Chamberlain
AT END OF DRILLING 25.4 ft
NOTES ____
AFTER DRILLING ---

DEPTH (ft)	RECOVERY	SAMPLE DESIGNATION	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0					0.3 0' ASPHALT 0.4 ~2" Thick 2" BASEROCK (FILL) ~2" Thick 4" SILT WITH SAND (ML) Dark Brown (10YR 3/3), Dry, 85% Silt And Clay, Low Plasticity, 15% Fine Sand, Firm, Orange And Black Mottling, Rootlets	
			0.2		2' SAME AS ABOVE Color Change To Yellowish Brown (10YR 5/6), Hard	
2.5						
			0.5		4' SAME AS ABOVE Moist, Hard To Very Hard, <5% Coarse Sand	
5.0		TC SB-1-5			5' SAME AS ABOVE ~25% Fine Sand, <5% Gravel, Firm	
			0.2		6.0 6' SILTY SAND (SC) Yellowish Brown (10YR 5/6), Moist, 65% Fine Sand, Loose, ~35% Fines, Mainly Silt With Some Clay, 10% Black Mottling	
7.5					7.5 7.5' CLAYEY SILT (ML) Grayish Brown (10YR 5/2), Moist, 65% Silt, 30% Clay, 5% Fine Sand, Very Hard, Low Plasticity, Black, Mottlings	0' To 29' Backfilled With Neat Cement Grout
			0.5		8' SAME AS ABOVE Orange Mottling	
					9.0 9' SILT (ML) Moist, Pale Brown (10YR 6/3), Low Plasticity, Firm, Orange Mottling, <5% Black, ~1mm Black Mottling	
10.0			0.6		10.5 10.5' SANDY SILT (ML) Pale Brown (10YR 6/3), Moist Coarse Sand, Small Gravels Subangular Up To 3/4" In Diameter, ~45% Silt, ~15% Sand, ~10% Gravels	
					11' SAME AS ABOVE 12.0 No Gravels Or Coarse Sand	
			0.2		12' SILTY SAND (SM) Pale Brown (10YR 6/3), Moist, ~75% Fine Sand, Loose, 25% Silt	
12.5					13.5 13.5' POORLY GRADED GRAVEL WITH SILT AND SAND (GP-GM) Pale Brown (10YR 6/3), Moist, Loose, 45% Gravel, 35% Sand, 20% Silt, Up To 1/2" In Diameter Gravels Subangular To Subrounded	
		TC SB-1-14	1.3		14.5 14.5' SILTY SAND (SM) Pale Brown (10YR 6/3), Loose, ~65% Fine Sand, ~35% Silt	
15.0						

Trinity Source Group
119 Encinal Street
Santa Cruz, Ca 95060
Telephone: 831-426-5600

BORING NUMBER SB-1

CLIENT 17th & Capitola, LP
PROJECT NAME Former Fairway Cleaners
PROJECT NUMBER 575.002.003
PROJECT LOCATION 1600 Capitola Road, Santa Cruz
DATE STARTED 3/5/2021 **COMPLETED** 3/5/2021
GROUND ELEVATION _____ **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Trinity Drilling, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING 25.6 ft
LOGGED BY Anna Machulskaya **CHECKED BY** Warren Chamberlain
AT END OF DRILLING 25.4 ft
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	RECOVERY	SAMPLE DESIGNATION	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
15.0					15.8	
			0.4		15.8' WELL GRADED SAND WITH GRAVEL (SW) Yellowish Brown (10YR 5/4), Moist, ~50% Fine To Coarse Sand, 30% Gravel Subangular To Subrounded	
17.5					18.0	
	X	TC SB-1-18	3.0		18' SILTY SAND (SC) Pale Brown (10YR 6/3), Moist, ~60% Fine Sand, ~40% Silt, Low Plasticity, Medium Dense	
					19.0 19' NO RECOVERY	
20.0						
22.5					23.0	
			0.4		23' WELL GRADED SAND WITH GRAVEL (SW) Heavily Oxidized Dark Orange Color, Moist, Loose, ~70% Fine To Coarse Sand, ~20% Gravels Up To 1" In Diameter, ~10% Fines, Large Mica Flakes	
25.0					25.0	
			0.4		25' SAND (SP) Pale Brown (10YR 6/3), Wet, Loose, Fine Sand, Mica Present	
					26.5	
					26.5' POORLY GRADED SAND WITH GRAVEL (SW) 27.0 ~50% Coarse Sand, ~25% Fine To Medium Sand, ~25% Gravels Up To 1.5" In Diameter, Large Mica Flakes	
27.5					27' SAND (SP) Orange Mottling Prevelant, Wet	
					28.0 28' SAND (SP) Pale Brown (10YR 6/3), Wet, Loose, Fine Sand, Mica Present	
					29.0 Bottom of hole at 29.0 feet.	

0' To 29' Backfilled With Neat Cement Grout

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119 Encinal Street
Santa Cruz, Ca 95060
Telephone: 831-426-5600

BORING NUMBER SB-2

CLIENT 17th & Capitola, LP
PROJECT NAME Former Fairway Cleaners
PROJECT NUMBER 575.002.003
PROJECT LOCATION 1600 Capitola Road, Santa Cruz
DATE STARTED 3/5/2021 **COMPLETED** 3/5/2021
GROUND ELEVATION _____ **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Trinity Drilling, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING 23.4 ft
LOGGED BY Anna Machulskaya **CHECKED BY** Warren Chamberlain
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	RECOVERY	SAMPLE DESIGNATION	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0					0' TOPSOIL AND GRASS Black, Moist, Silty Clay, Hard, Medium Plasticity	
					1.0 1' SANDY SILT (ML) Black, Moist, Sandy Silt, Low to Medium Plasticity, 65% Silt, 25% Fine Sand, Very Soft, Broken Glass	
2.5			0.0			
			0.0		4.5 4.5' CLAY (CL) Brown (7.5YR 4/4), Moist, 85% Clay, High Plasticity, ~15% Fine Sand	
5.0		TC SB-2-5			5.8	
			0.0		5.8' SILT (ML) Pale Brown (10YR 6/3), Dry, Silt With Clay, Very Hard, Low Plasticity, Orange And Black Mottling, Decomposed Rootlets 6.5' SAME AS ABOVE Hard 7' SAME AS ABOVE Firm	
7.5			0.4		8' SAME AS ABOVE Increase In Orange Mottlings	0' To 30' Backfilled With Neat Cement Grout
					9.0 9' SANDY SILT (ML) Pale Brown (10YR 6/3), Firm, ~60% Silt, ~25% Fine Sand, ~10% Clay, ~5% Coarse Rounded Sand	
10.0		TC SB-2-10	0.0		10' SAME AS ABOVE Increase In Sand	
					11.0 11' CLAYEY SAND (SC) Pale Brown (10YR 6/3), ~65% Fine Sand Poorly Graded, ~25% Clay, ~10% Silt 11.5' SAME AS ABOVE ~10% Gravels	
12.5			0.0		12.5 12.5' GRAVELY SAND (SW) Yellowish Brown (10YR 5/6), Moist, Loose, ~60% Fine To Coarse Sand, ~25% Gravels Up To 1.5" In Diameter Subrounded, ~15% Fines, No Odor	
			0.0		14' SAME AS ABOVE Sand (SP), Reduction In Gravel 14.5' SAME AS ABOVE	
15.0						

ENVIRONMENTAL BH 575.002.003.GPJ LINE ANGLE TEMPLATE.GDT 4/27/21

Trinity Source Group
119 Encinal Street
Santa Cruz, Ca 95060
Telephone: 831-426-5600

BORING NUMBER SB-2

CLIENT 17th & Capitola, LP
PROJECT NAME Former Fairway Cleaners
PROJECT NUMBER 575.002.003
PROJECT LOCATION 1600 Capitola Road, Santa Cruz
DATE STARTED 3/5/2021 **COMPLETED** 3/5/2021
GROUND ELEVATION _____ **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Trinity Drilling, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
▽ **AT TIME OF DRILLING** 23.4 ft
LOGGED BY Anna Machulskaya **CHECKED BY** Warren Chamberlain
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	RECOVERY	SAMPLE DESIGNATION	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
15.0					Increase In Gravel, Same As 12.5'	
	X	TC SB-2-15	0.0		15' FAT CLAY (CH) Pale Brown (10YR 6/3), Moist, 100% Clay, High Plasticity, ~15% Orange Mottling	
					16.8	
17.5			0.0		16.8' GRAVELY SAND (SW) Yellowish Brown (10YR 5/6), Moist, ~65% Poorly Graded Medium Sand, Loose, ~30% Gravels Up To 1" In Diameter Subrounded To Subangular, Weathered Granit Rocks, Mica	
20.0					20' SAME AS ABOVE Gravels Up To 1.5" In Diameter, Coarse Sand, Orange Mottling Prevelant	
					21.0	
					21' SAND (SP) Yellowish Brown (10YR 5/6), Moist, Medium Sand, ~90% Fine Sand, ~5% Fines, Loose, Orange Mottling Prevelant, Mica	
					21.9	
22.5			0.0		21.9' SAND (SW) Pale Brown (10YR 6/3), Moist, Sand With Silt, ~90% Fine Sand, ~10% Silt, Loose	0' To 30' Backfilled With Neat Cement Grout
			0.0		▽ 23.5' SAME AS ABOVE Saturated	
25.0					24.5' SAME AS ABOVE ~4" Lense Of Coarse Sand With Gravles Up To 1" In Diameter, Orange Mottling 24.9' SAME AS ABOVE Pale Brown (10YR 6/3), Moist, Sand With Silt, ~90% Fine Sand, ~10% Silt, Loose 26' SAME AS ABOVE Increase In Fines, ~5% Clay, Mica Abundant	
27.5						
30.0					29' SAME AS ABOVE Orange Mottling Prevalent	
					30.0	

Bottom of hole at 30.0 feet.

ENVIRONMENTAL BH 575.002.003.GPJ LINE ANGLE TEMPLATE.GDT 4/27/21

Trinity Source Group
119 Encinal Street
Santa Cruz, Ca 95060
Telephone: 831-426-5600

BORING NUMBER SB-3

CLIENT 17th & Capitola, LP
PROJECT NAME Former Fairway Cleaners
PROJECT NUMBER 575.002.003
PROJECT LOCATION 1600 Capitola Road, Santa Cruz
DATE STARTED 3/2/2021 **COMPLETED** 3/2/2021
GROUND ELEVATION _____ **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Trinity Drilling, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING 19.9 ft
LOGGED BY Anna Machulskaya **CHECKED BY** Warren Chamberlain
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	RECOVERY	SAMPLE DESIGNATION	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0					0' SANDY CLAY (ORGANIC) TOPSOIL Black, High Plasticity, Moist, Roots, Grass	
			0.0		1.5 1.5' CLAY (CH) Grayish Brown (10YR 5/2), Moist, High Plasticity Clay, Soft, ~5% Fine Sand, Orangle Mottlings, Rootlets	
2.5			0.0		4.5 4' SAME AS ABOVE Firm	
5.0					5.0 4.5' SILT (ML) Pale Brown (10YR 6/3), Moist, Hard, Low Plasticity, Some Clay	
			0.0		5' CLAY (CL) Yellowish Brown (10YR 5/4), Moist, Medium Density Clay, Orange Mottlings, Rootlets, Silt	
7.5	X	TC SB-3-7			7.7	
			0.0		8.0 7.7' CLAYEY SAND (SC) Yellowish Borwn (10YR 5/4), Moist, ~55% Fine Sand, Medium Dense, ~45% Fines	0' To 23' Backfilled With Neat Cement Grout
					8' SILTY SAND (SC) Yellowish Brown (10YR 6/3), Moist, ~45% Fine Sand, ~15% Coarse Sand, ~35% Silt, <5% Clay	
10.0			0.0		9.8 9.8' GRAVELY SAND WITH SILT (SW) Yellowish Brown (10YR 5/6), Moist, Loose, 40% Gravels, 35%Sand, 25% Fines, Gravels Up To 1.5" In Diameter Subangular, Fine To Coarse Sand, Medium Plasticity Fines	
12.5	X	TC SB-3-12	0.0			
15.0			0.0			

Trinity Source Group
119 Encinal Street
Santa Cruz, Ca 95060
Telephone: 831-426-5600

BORING NUMBER SB-3

CLIENT 17th & Capitola, LP
PROJECT NAME Former Fairway Cleaners
PROJECT NUMBER 575.002.003
PROJECT LOCATION 1600 Capitola Road, Santa Cruz
DATE STARTED 3/2/2021 **COMPLETED** 3/2/2021
GROUND ELEVATION _____ **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Trinity Drilling, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING 19.9 ft
LOGGED BY Anna Machulskaya **CHECKED BY** Warren Chamberlain
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	RECOVERY	SAMPLE DESIGNATION	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
15.0					15.5 15.5' CLAY WITH SAND (CL) Medium Plasticity, ~15% Medium And Fine Sand 16.0 16' GRAVELY SAND WITH SILT (SW) Yellowish Brown (10YR 5/6), Moist, Loose, 40% Gravels, 35% Sand, 25% Fines, Gravels Up To 1.5" In Diameter, Subangular, Fine To Coarse Sand, Medium Plasticity Fines 17' SAME AS ABOVE Increase In Coarse Sand, Wet, Mica, Silt Globules	
17.5		TC SB-3-18	0.0 0.8			0' To 23' Backfilled With Neat Cement Grout
20.0					20.0 ▽ 20' GRAVELS WITH SAND AND SILT (SW) Gravels Up To 1" In Diameter, Coarse Sand, Fine Sand, Wet, ~10% Fines, Mica Abundant 21.5' SAME AS ABOVE Medium Sand, Saturated	
22.5					23.0 Bottom of hole at 23.0 feet.	

ENVIRONMENTAL BH 575.002.003.GPJ LINE ANGLE TEMPLATE.GDT 4/27/21

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119 Encinal Street
Santa Cruz, Ca 95060
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BORING NUMBER SB-4

CLIENT 17th & Capitola, LP
PROJECT NAME Former Fairway Cleaners
PROJECT NUMBER 575.002.003
PROJECT LOCATION 1600 Capitola Road, Santa Cruz
DATE STARTED 3/5/2021 **COMPLETED** 3/5/2021
GROUND ELEVATION _____ **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Trinity Drilling, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING 25.0 ft
LOGGED BY Anna Machulskaya **CHECKED BY** Warren Chamberlain
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	RECOVERY	SAMPLE DESIGNATION	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0					0.2 0' ASPHALT 0.3 ~2" Thick 0.3' BASEROCK 0.3' CLAY WITH SAND (CL) Black (10YR 2/1), Moist, ~85% High Plasticity Clay, ~15% Fine Sand, Very Soft Organic Soil	
2.5			0.4		2.5' SAME AS ABOVE Color Change To Dark Yellowish Brown (10YR 4/6), Orange And Black Mottling, <5% Medium Sand, Firm	
5.0			0.1			
6.5			0.2		6' SAME AS ABOVE Sandy Clay, ~25% Fine Sand 6.5' SILTY CLAY (CL) Pale Brown, Moist, Very Hard, ~60% Clay, ~30% Silt, ~5% Fine Sand, ~20% Orange Mottling, ~10% Black Mottling	
7.5			0.7			0' To 29' Backfilled With Neat Cement Grout
9.0					9' SAME AS ABOVE Moderate Plasticiy, Soft, Orange Mottling Abundant	
10.0		TC SB-4-10	0.8			
12.5			0.3			
13.0					13' SAND (SW) Yellowish Brown (10YR 5/6), Mist, Well Graded Sand, Mainly Medium Sand, <15% FInes, Loose	
14.5			0.2		14.5' GRAVELY SAND (SPG) ~50% Medium Sand, ~35% Gravels Greater Than 1" In Diameter,	
15.0						

ENVIRONMENTAL BH 575.002.003.GPJ LINE ANGLE TEMPLATE.GDT 4/27/21

Trinity Source Group
119 Encinal Street
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Telephone: 831-426-5600

BORING NUMBER SB-4

CLIENT 17th & Capitola, LP
PROJECT NAME Former Fairway Cleaners
PROJECT NUMBER 575.002.003
PROJECT LOCATION 1600 Capitola Road, Santa Cruz
DATE STARTED 3/5/2021 **COMPLETED** 3/5/2021
GROUND ELEVATION _____ **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Trinity Drilling, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
▽ **AT TIME OF DRILLING** 25.0 ft
LOGGED BY Anna Machulskaya **CHECKED BY** Warren Chamberlain
AT END OF DRILLING ---
NOTES
AFTER DRILLING ---

DEPTH (ft)	RECOVERY	SAMPLE DESIGNATION	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
15.0		TC SB-4-15	0.2		Subangular, ~15% Fines 15' SAME AS ABOVE Increase In Fines, ~20% Clay	
17.5			0.3		17.4 — 17' SAME AS ABOVE Rounded and Subrounded Gravels Up To 1/2" In Diameter 17.2' SAME AS ABOVE 1" Lense Of Silt, Yellowish Brown, Moist 17.3' SAME AS ABOVE Increase In Gravel to ~40%, Gravels Up To 1.5" In Diameter	
					19.0 — 17.4' SILTY SAND (SC) Pale Brown (10YR 6/3), Moist, Medium And Fine Sand, ~70% Sand, Medium Dense, ~25% Silt, ~5% Clay	
20.0			0.0		20.0 — 19' SAND (SP) Yellowish Brown (10YR 5/6), Moist Medium Sand And Fine Sand, ~5% Fines	
			0.1		20' WELL GRADED SAND WITH GRAVEL Yellowish Brown (10YR 5/6), Loose, ~85% Coarse To Medium Sand, ~15% Gravels Up To 1" In Diameter Subrounded	0' To 29' Backfilled With Neat Cement Grout
22.5					23.8	
		TC SB-4-24	0.2		23.8' WELL GRADED GRAVEL WITH SAND AND FINES Bright Orange Keety Color, Gravels, Coarse Sand, ~15% Silt, Prevelant Mica Flakes	
25.0					24.5 — ▽24.5' SAND (SP) Pale Brown (10YR 6/3), Wet, Fine Sand, ~5% Fines, Loose, Mica	
			0.1			
27.5					27.2 — 27' SAME AS ABOVE Medium Sand, ~10% Gravels 3/4" In Diameter Subrounded, Orange Mottling Abundant	
					27.7 — 27.2' WELL GRADED SAND (SW) Coarse Medium Fine Sand, ~15% Gravels, Loose, Wet	
					27.7' SAND (SP) 29.0 — Pale Brown (10YR 6/3), Wet, Poorly Graded Fine Sand, <15% Fines, Loose, Mica	
					Bottom of hole at 29.0 feet.	

ENVIRONMENTAL BH 575.002.003.GPJ LINE ANGLE TEMPLATE.GDT 4/27/21

Trinity Source Group
119 Encinal Street
Santa Cruz, Ca 95060
Telephone: 831-426-5600

BORING NUMBER SB-5

CLIENT 17th & Capitola, LP
PROJECT NAME Former Fairway Cleaners
PROJECT NUMBER 575.002.003
PROJECT LOCATION 1600 Capitola Road, Santa Cruz
DATE STARTED 3/4/2021 **COMPLETED** 3/5/2021
GROUND ELEVATION _____ **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Trinity Drilling, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING 24.1 ft
LOGGED BY Anna Machulskaya **CHECKED BY** Warren Chamberlain
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	RECOVERY	SAMPLE DESIGNATION	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
0.0					0.2 0' ASPHALT 0.3 ~2" Thick 0.3' BASEROCK FILL 1' SANDY CLAY (CL) Black (10YR 2/1), Moist, Moderate Plasticity, ~75% Clay, ~25% Fine Sand, Firm	
2.5	X	TC SB-5-2	0.6		2.0 2' CLAY (CH) Black (10YR 2/1), Very Soft Fat Clay	
			0.3		4' SAME AS ABOVE Color Change To Dark Gray (10YR 4/1), Firm, High Plasticity Clay, ~10% Fine Sand	
5.0					5.0 5.2 5' SANDY CLAY (CL) Brown (10YR 4/3), Moist, ~65% Clay, ~35% Fine To Medium Sand, Black Mottling	
			0.1		6.0 5.2' SILTY CLAY (CL) Grayish Brown (10YR 5/2), Moist, Very Hard, Moderate Plasticity, Orange Mottling Abundant	
7.5					6' SILTY CLAY (ML) Pale Brown (10YR 6/3), Dry, ~90% Silt, ~10% Clay, Very Hard, Black and Orange Mottling	
			2.0		8.0 8' CLAYEY SAND (SC) Yellowish Brown (10YR 5/6), Moist, Low To Moderate Plasticity, ~40% Clay, ~60% Fine Sand	0' To 27' Backfilled With Neat Cement Grout
10.0			0.1		10.0 10' CLAY (CL) Yellowish Brown (10YR 5/6), Moist, Moderate Plasticity, Soft, Orange Mottling, Some Silt	
					11' SAME AS ABOVE 11.4 Change To Pale Brown Color, Firm To Hard 11.3' SAME AS ABOVE Very Hard	
12.5			0.1		11.4' CLAYEY SAND (SC) Dark Yellowish Brown (10YR 4/6), Moist, Dense, Medium Sand And Some Coarse Sand, ~70% Sand, ~30% Clay	
					13.0 13' GRAVELY SAND (SW) Dark Yellowish Brown (10YR 4/6), ~60% Well Graded Sand, ~35% Gravels Up To 1" In Diameter Rounded To Subrounded, ~5% Fines, Loose Sand	
15.0			0.2			

ENVIRONMENTAL BH 575.002.003.GPJ LINE ANGLE TEMPLATE.GDT 4/27/21

Trinity Source Group
119 Encinal Street
Santa Cruz, Ca 95060
Telephone: 831-426-5600

BORING NUMBER SB-5

CLIENT 17th & Capitola, LP
PROJECT NAME Former Fairway Cleaners
PROJECT NUMBER 575.002.003
PROJECT LOCATION 1600 Capitola Road, Santa Cruz
DATE STARTED 3/4/2021 **COMPLETED** 3/5/2021
GROUND ELEVATION _____ **HOLE SIZE** 2.25"
DRILLING CONTRACTOR Trinity Drilling, Inc.
GROUND WATER LEVELS:
DRILLING METHOD Direct Push
AT TIME OF DRILLING 24.1 ft
LOGGED BY Anna Machulskaya **CHECKED BY** Warren Chamberlain
AT END OF DRILLING ---
NOTES _____
AFTER DRILLING ---

DEPTH (ft)	RECOVERY	SAMPLE DESIGNATION	PID (ppm)	GRAPHIC LOG	MATERIAL DESCRIPTION	WELL DIAGRAM
15.0						
			0.2		16.0 16.3 16' CLAY (CL) ~4" Lense, Pale Brown, Moist, Moderate Plasticity 16.3' SILTY SAND (SC) Pale Brown (10YR 6/3), Moist, Medium Dense Fine Sand, ~75% Sand, ~25% Silt, Orange Mottling Prevelant	
17.5						
	X	TC SB-5-18	0.9			
					19.0 19' SAND (SP) Grayish Brown (10YR 5/2), Moist, Loose, Poorly Graded Fine Sand, ~5% Fines	
20.0			0.1			
			0.1			0' To 27' Backfilled With Neat Cement Grout
22.5						
	X	TC SB-5-24	0.2		24.0 ▽ 24' GRAVELY SAND (SW) Grayish Brown (10YR 5/2), Saturated, ~60% Fine Sand, ~20% Coarse To Medium Sand, ~30% Gravels Up To 1/2" In Diameter Rounded, Orange Mottling, Mica	
25.0					25.0 25.5 25' SAND (SP) 100% Fine Sand, Wet, Mica, No Odor	
			0.2		25.5' COARSE SAND (SP) ~80% Coarse Sand, ~20% Fine And Medium Sand, Orange Mottling Prevalent 26.4' SAME AS ABOVE ~30% Gravels Up To 1.5" In Diameter Subrounded 27.0 26.8' SAME AS ABOVE Well Graded Coarse Sand, ~30% Gravel,	
					Bottom of hole at 27.0 feet.	

ENVIRONMENTAL BH 575.002.003.GPJ LINE ANGLE TEMPLATE.GDT 4/27/21

Appendix F: Certified Analytical Laboratory Reports, Chain-of-Custody Documentation, and GeoTracker Upload Confirmations

Beacon Environmental
2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Beacon Proposal No.: 210105R03

Beacon Project No.: 0005610

Project Description:

Project Site: Former Fairway Cleaners and Laundry
Santa Cruz, CA

Client PO No.: 575.002.002

Prepared for:

Warren Chamberlain
Trinity Source Group, Inc.
119 Encinal Street
Santa Cruz, CA 95060

Ryan W. Schneider
Senior Project Manager

February 17, 2021

All data meet requirements as specified in the Beacon Environmental Services, Inc. Quality Assurance Project Plan and the results relate only to the samples reported. The work performed was in accordance with ISO/IEC 17025:2017 requirements, except samples were analyzed within a 24-hour tune window and TPH is not included in BEACON's scope of accreditation. This report shall not be reproduced, except in full, without written approval of the laboratory. Release of the data contained in this data package has been authorized by the Laboratory Director or his signee, as verified by the following signatures:

Steven C. Thornley
Laboratory Director

Peter B. Kelly
Interim Quality Manager

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020507.D	**PSG 1**	Method:	EPA 8260C
Lab Sample ID:	0005610-03	Soil Gas	Analyzed:	02/05/2021 14:20

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Vinyl Chloride	75-01-4	**1.52**		0.61
1,1-Dichloroethene	75-35-4	**3.28**		1.51
trans-1,2-Dichloroethene	156-60-5	**35.2**		1.13
1,1-Dichloroethane	75-34-3	**1.15**		0.59
cis-1,2-Dichloroethene	156-59-2	**434**	D	9.71
Benzene	71-43-2	**6.56**		2.35
Trichloroethene	79-01-6	**39.0**		1.51
Toluene	108-88-3	**10.3**		3.11
Tetrachloroethene	127-18-4	**28.3**		1.21
Ethylbenzene	100-41-4	**90.7**	D	15.1
p & m-Xylene	179601-23-1	**339**	D	14.6
o-Xylene	95-47-6	**137**	D	14.6
Isopropylbenzene	98-82-8	**2.63**		1.50
1,3,5-Trimethylbenzene	108-67-8	**4.59**		1.50
1,2,4-Trimethylbenzene	95-63-6	**10.4**		1.50
2-Methylnaphthalene	91-57-6	**6.17**		1.64
TPH C4-C9		**6,190**		422
TPH C10-C15		**1,890**		361

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1.410.838.8780

Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020508.D	**PSG 2**		Method:	EPA 8260C
Lab Sample ID:	0005610-04	Soil Gas		Analyzed:	02/05/2021 14:48

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
trans-1,2-Dichloroethene	156-60-5	**3.67**		1.13
cis-1,2-Dichloroethene	156-59-2	**38.8**		0.94
Benzene	71-43-2	**10.2**		2.35
Trichloroethene	79-01-6	**17.5**		1.51
Toluene	108-88-3	**15.7**		3.11
Tetrachloroethene	127-18-4	**15.4**		1.22
Ethylbenzene	100-41-4	**94.9**	D	15.2
p & m-Xylene	179601-23-1	**379**	D	14.6
o-Xylene	95-47-6	**124**	D	14.6
Isopropylbenzene	98-82-8	**2.23**		1.50
1,3,5-Trimethylbenzene	108-67-8	**5.00**		1.50
1,2,4-Trimethylbenzene	95-63-6	**12.5**		1.50
2-Methylnaphthalene	91-57-6	**6.27**		1.64
TPH C4-C9		**8,960**		422
TPH C10-C15		**1,770**		361

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020509.D	**PSG 3**	Method:	EPA 8260C
Lab Sample ID:	0005610-05	Soil Gas	Analyzed:	02/05/2021 15:15

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Vinyl Chloride	75-01-4	**11.1**		0.62
1,1-Dichloroethene	75-35-4	**1.54**		1.51
trans-1,2-Dichloroethene	156-60-5	**14.9**		1.13
cis-1,2-Dichloroethene	156-59-2	**29.2**		0.94
Benzene	71-43-2	**14.1**		2.35
Trichloroethene	79-01-6	**17.5**		1.51
Toluene	108-88-3	**9.69**		3.11
Ethylbenzene	100-41-4	**191**	D	15.2
p & m-Xylene	179601-23-1	**71.8**	D	14.6
o-Xylene	95-47-6	**314**	D	14.6
Isopropylbenzene	98-82-8	**5.75**		1.50
1,3,5-Trimethylbenzene	108-67-8	**14.0**		1.50
1,2,4-Trimethylbenzene	95-63-6	**33.9**		1.50
Naphthalene	91-20-3	**1.82**		1.56
2-Methylnaphthalene	91-57-6	**6.37**		1.64
TPH C4-C9		**9,210**		422
TPH C10-C15		**4,110**		361

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Forest Hill, MD 21050 USA
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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020510.D	**PSG 4**		Method:	EPA 8260C
Lab Sample ID:	0005610-06	Soil Gas		Analyzed:	02/05/2021 15:43

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Vinyl Chloride	75-01-4	**1.24**		0.62
trans-1,2-Dichloroethene	156-60-5	**2.16**		1.13
cis-1,2-Dichloroethene	156-59-2	**7.38**		0.94
Benzene	71-43-2	**13.2**		2.35
Trichloroethene	79-01-6	**6.35**		1.51
Toluene	108-88-3	**9.64**		3.12
Tetrachloroethene	127-18-4	**3.79**		1.22
Ethylbenzene	100-41-4	**8.57**		1.47
p & m-Xylene	179601-23-1	**32.7**		1.42
o-Xylene	95-47-6	**11.5**		1.42
1,3,5-Trimethylbenzene	108-67-8	**2.50**		1.50
1,2,4-Trimethylbenzene	95-63-6	**7.59**		1.50
2-Methylnaphthalene	91-57-6	**4.24**		1.64
TPH C4-C9		**4,920**		422
TPH C10-C15		**1,990**		361

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Forest Hill, MD 21050 USA
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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020511.D	**PSG 5**	Method:	EPA 8260C
Lab Sample ID:	0005610-07	Soil Gas	Analyzed:	02/05/2021 16:10

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Vinyl Chloride	75-01-4	**14.9**		0.62
1,1-Dichloroethene	75-35-4	**2.59**		1.51
trans-1,2-Dichloroethene	156-60-5	**10.9**		1.13
cis-1,2-Dichloroethene	156-59-2	**75.6**		0.94
Benzene	71-43-2	**18.5**		2.35
Trichloroethene	79-01-6	**7.83**		1.51
Toluene	108-88-3	**11.0**		3.12
Ethylbenzene	100-41-4	**14.4**		1.47
p & m-Xylene	179601-23-1	**56.0**		1.42
o-Xylene	95-47-6	**18.9**		1.42
1,3,5-Trimethylbenzene	108-67-8	**1.99**		1.50
1,2,4-Trimethylbenzene	95-63-6	**5.57**		1.50
Naphthalene	91-20-3	**5.23**		1.56
2-Methylnaphthalene	91-57-6	**32.4**		1.64
TPH C4-C9		**8,350**		423
TPH C10-C15		**3,480**		361

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020808.D	**PSG 6**	Method:	EPA 8260C
Lab Sample ID:	0005610-08	Soil Gas	Analyzed:	02/08/2021 14:22

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Vinyl Chloride	75-01-4	**112**	D	6.37
1,1-Dichloroethene	75-35-4	**18.1**		1.51
trans-1,2-Dichloroethene	156-60-5	**341**	D	11.7
cis-1,2-Dichloroethene	156-59-2	**482**	D	9.73
Benzene	71-43-2	**65.7**		2.35
Trichloroethene	79-01-6	**331**	D	15.6
Toluene	108-88-3	**64.0**		3.12
Tetrachloroethene	127-18-4	**47.1**		1.22
Ethylbenzene	100-41-4	**32.5**		1.47
p & m-Xylene	179601-23-1	**110**	D	14.6
o-Xylene	95-47-6	**40.3**		1.42
Isopropylbenzene	98-82-8	**1.99**		1.50
1,3,5-Trimethylbenzene	108-67-8	**3.89**		1.50
1,2,4-Trimethylbenzene	95-63-6	**8.77**		1.50
Naphthalene	91-20-3	**3.52**		1.56
2-Methylnaphthalene	91-57-6	**16.4**		1.64
TPH C4-C9		**22,200**		423
TPH C10-C15		**4,060**		361

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020513.D	**PSG 7**	Method:	EPA 8260C
Lab Sample ID:	0005610-09	Soil Gas	Analyzed:	02/05/2021 17:05

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Vinyl Chloride	75-01-4	**53.0**		0.62
1,1-Dichloroethene	75-35-4	**5.76**		1.51
trans-1,2-Dichloroethene	156-60-5	**45.2**		1.13
cis-1,2-Dichloroethene	156-59-2	**172**	D	9.73
Benzene	71-43-2	**5.97**		2.35
Trichloroethene	79-01-6	**26.0**		1.51
Tetrachloroethene	127-18-4	**4.75**		1.22
Ethylbenzene	100-41-4	**25.3**		1.47
p & m-Xylene	179601-23-1	**115**	D	14.6
o-Xylene	95-47-6	**29.9**		1.42
1,2,4-Trimethylbenzene	95-63-6	**2.23**		1.50
2-Methylnaphthalene	91-57-6	**2.21**		1.64
TPH C4-C9		**4,120**		423
TPH C10-C15		**722**		361

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020810.D	**PSG 8**		Method:	EPA 8260C
Lab Sample ID:	0005610-10	Soil Gas		Analyzed:	02/08/2021 15:18

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Vinyl Chloride	75-01-4	**301**	D	6.37
1,1-Dichloroethene	75-35-4	**16.0**		1.51
trans-1,2-Dichloroethene	156-60-5	**164**	D	11.7
cis-1,2-Dichloroethene	156-59-2	**735**	D	9.73
Benzene	71-43-2	**30.5**		2.35
Trichloroethene	79-01-6	**31.6**		1.51
Toluene	108-88-3	**25.1**		3.12
Tetrachloroethene	127-18-4	**3.10**		1.22
Ethylbenzene	100-41-4	**36.1**		1.47
p & m-Xylene	179601-23-1	**150**	D	14.7
o-Xylene	95-47-6	**48.1**		1.42
1,3,5-Trimethylbenzene	108-67-8	**2.43**		1.50
1,2,4-Trimethylbenzene	95-63-6	**5.62**		1.50
Naphthalene	91-20-3	**3.23**		1.56
2-Methylnaphthalene	91-57-6	**21.3**		1.64
TPH C4-C9		**16,300**		423
TPH C10-C15		**3,530**		361

Instrument File ID:	S21020515.D	**PSG 9**		Method:	EPA 8260C
Lab Sample ID:	0005610-11	Soil Gas		Analyzed:	02/05/2021 18:01

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
cis-1,2-Dichloroethene	156-59-2	**1.93**		0.94
Benzene	71-43-2	**5.11**		2.34
Trichloroethene	79-01-6	**24.2**		1.50
Toluene	108-88-3	**4.22**		3.10
Tetrachloroethene	127-18-4	**63.3**		1.21
p & m-Xylene	179601-23-1	**1.96**		1.41

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020516.D	**PSG 10**	Method:	EPA 8260C
Lab Sample ID:	0005610-12	Soil Gas	Analyzed:	02/05/2021 18:28

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Benzene	71-43-2	**4.12**		2.35
Trichloroethene	79-01-6	**5.33**		1.51
Toluene	108-88-3	**5.43**		3.12
Tetrachloroethene	127-18-4	**13.2**		1.22
Ethylbenzene	100-41-4	**96.2**	D	15.2
p & m-Xylene	179601-23-1	**410**	D	14.7
o-Xylene	95-47-6	**150**	D	14.7
Isopropylbenzene	98-82-8	**2.28**		1.50
1,3,5-Trimethylbenzene	108-67-8	**4.00**		1.50
1,2,4-Trimethylbenzene	95-63-6	**7.84**		1.50
TPH C4-C9		**6,170**		423
TPH C10-C15		**963**		362

Instrument File ID:	S21020517.D	**PSG 11**	Method:	EPA 8260C
Lab Sample ID:	0005610-13	Soil Gas	Analyzed:	02/05/2021 18:55

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
cis-1,2-Dichloroethene	156-59-2	**1.60**		0.94
Trichloroethene	79-01-6	**27.7**		1.51
Tetrachloroethene	127-18-4	**78.2**		1.22
Ethylbenzene	100-41-4	**22.5**		1.47
p & m-Xylene	179601-23-1	**106**	D	14.7
o-Xylene	95-47-6	**39.7**		1.42
1,3,5-Trimethylbenzene	108-67-8	**1.64**		1.50
1,2,4-Trimethylbenzene	95-63-6	**3.63**		1.50
TPH C4-C9		**1,690**		423

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020518.D	**PSG 12**	Method:	EPA 8260C
Lab Sample ID:	0005610-14	Soil Gas	Analyzed:	02/05/2021 19:23

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
cis-1,2-Dichloroethene	156-59-2	**1.80**		0.94
Trichloroethene	79-01-6	**220**	D	15.6
Tetrachloroethene	127-18-4	**3,900**	D	103
Ethylbenzene	100-41-4	**20.4**		1.47
p & m-Xylene	179601-23-1	**94.3**	D	14.7
o-Xylene	95-47-6	**33.6**		1.42
1,3,5-Trimethylbenzene	108-67-8	**1.77**		1.50
1,2,4-Trimethylbenzene	95-63-6	**4.17**		1.50
2-Methylnaphthalene	91-57-6	**10.3**		1.64
TPH C10-C15		**885**		362

Instrument File ID:	S21020519.D	**PSG 13**	Method:	EPA 8260C
Lab Sample ID:	0005610-15	Soil Gas	Analyzed:	02/05/2021 19:50

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Benzene	71-43-2	**4.22**		2.35
Trichloroethene	79-01-6	**39.4**		1.51
Toluene	108-88-3	**3.65**		3.12
Tetrachloroethene	127-18-4	**3,420**	D	103
Ethylbenzene	100-41-4	**24.7**		1.47
p & m-Xylene	179601-23-1	**111**	D	14.7
o-Xylene	95-47-6	**48.4**		1.42
1,3,5-Trimethylbenzene	108-67-8	**2.63**		1.50
1,2,4-Trimethylbenzene	95-63-6	**5.79**		1.50
TPH C10-C15		**529**		362

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020520.D	**PSG 14**	Method:	EPA 8260C
Lab Sample ID:	0005610-16	Soil Gas	Analyzed:	02/05/2021 20:18

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
cis-1,2-Dichloroethene	156-59-2	**1.01**		0.94
Benzene	71-43-2	**3.13**		2.35
Tetrachloroethene	127-18-4	**3.94**		1.22
Ethylbenzene	100-41-4	**19.1**		1.47
p & m-Xylene	179601-23-1	**77.6**	D	14.7
o-Xylene	95-47-6	**25.6**		1.42
1,2,4-Trimethylbenzene	95-63-6	**2.00**		1.50
TPH C4-C9		**1,310**		423

Instrument File ID:	S21020521.D	**PSG 15**	Method:	EPA 8260C
Lab Sample ID:	0005610-17	Soil Gas	Analyzed:	02/05/2021 20:45

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Benzene	71-43-2	**2.77**		2.35
Trichloroethene	79-01-6	**14.1**		1.51
1,4-Dioxane	123-91-1	**14.4**		1.22
Tetrachloroethene	127-18-4	**24.4**		1.22
Ethylbenzene	100-41-4	**37.4**		1.47
p & m-Xylene	179601-23-1	**168**	D	14.6
o-Xylene	95-47-6	**63.0**	D	14.6
1,3,5-Trimethylbenzene	108-67-8	**2.19**		1.50
1,2,4-Trimethylbenzene	95-63-6	**4.90**		1.50
TPH C4-C9		**2,750**		423
TPH C10-C15		**390**		361

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020522.D	**PSG 16**	Method:	EPA 8260C
Lab Sample ID:	0005610-18	Soil Gas	Analyzed:	02/05/2021 21:13

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Trichloroethene	79-01-6	**12.8**		1.51
Tetrachloroethene	127-18-4	**84.8**		1.22
Ethylbenzene	100-41-4	**12.6**		1.47
p & m-Xylene	179601-23-1	**54.0**		1.42
o-Xylene	95-47-6	**20.6**		1.42
1,2,4-Trimethylbenzene	95-63-6	**1.82**		1.50
TPH C4-C9		**1,020**		423

Instrument File ID:	S21020523.D	**PSG 17**	Method:	EPA 8260C
Lab Sample ID:	0005610-19	Soil Gas	Analyzed:	02/05/2021 21:40

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
1,1-Dichloroethene	75-35-4	**7.82**		1.51
trans-1,2-Dichloroethene	156-60-5	**6.80**		1.13
cis-1,2-Dichloroethene	156-59-2	**40.8**		0.94
Trichloroethene	79-01-6	**901**	D	15.6
Tetrachloroethene	127-18-4	**976**	D	12.6
Ethylbenzene	100-41-4	**15.7**		1.47
p & m-Xylene	179601-23-1	**72.4**	D	14.6
o-Xylene	95-47-6	**29.0**		1.42
1,2,4-Trimethylbenzene	95-63-6	**2.83**		1.50

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020524.D	**PSG 18**	Method:	EPA 8260C
Lab Sample ID:	0005610-20	Soil Gas	Analyzed:	02/05/2021 22:07

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
trans-1,2-Dichloroethene	156-60-5	**1.30**		1.13
cis-1,2-Dichloroethene	156-59-2	**1.48**		0.94
Trichloroethene	79-01-6	**50.4**		1.51
Tetrachloroethene	127-18-4	**217**	D	12.5
Ethylbenzene	100-41-4	**3.80**		1.46
p & m-Xylene	179601-23-1	**15.2**		1.41
o-Xylene	95-47-6	**5.34**		1.41
1,2,4-Trimethylbenzene	95-63-6	**2.47**		1.50
TPH C4-C9		**1,390**		422

Instrument File ID:	S21020525.D	**PSG 19**	Method:	EPA 8260C
Lab Sample ID:	0005610-21	Soil Gas	Analyzed:	02/05/2021 22:35

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Benzene	71-43-2	**3.61**		2.35
Trichloroethene	79-01-6	**56.8**		1.51
Toluene	108-88-3	**3.68**		3.11
Tetrachloroethene	127-18-4	**1,260**	D	103
Ethylbenzene	100-41-4	**102**	D	15.1
p & m-Xylene	179601-23-1	**435**	D	14.6
o-Xylene	95-47-6	**159**	D	14.6
Isopropylbenzene	98-82-8	**3.01**		1.50
1,3,5-Trimethylbenzene	108-67-8	**6.57**		1.50
1,2,4-Trimethylbenzene	95-63-6	**17.6**		1.50
Naphthalene	91-20-3	**2.98**		1.56
TPH C4-C9		**7,080**		422
TPH C10-C15		**2,040**		361

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020526.D	**PSG 20**	Method:	EPA 8260C
Lab Sample ID:	0005610-22	Soil Gas	Analyzed:	02/05/2021 23:02

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
1,1-Dichloroethene	75-35-4	**4.01**		1.51
trans-1,2-Dichloroethene	156-60-5	**4.02**		1.13
cis-1,2-Dichloroethene	156-59-2	**26.6**		0.94
Benzene	71-43-2	**2.67**		2.35
Trichloroethene	79-01-6	**767**	D	15.6
Tetrachloroethene	127-18-4	**4,600**	D	103
Ethylbenzene	100-41-4	**29.9**		1.47
p & m-Xylene	179601-23-1	**114**	D	14.7
o-Xylene	95-47-6	**35.1**		1.42
1,2,4-Trimethylbenzene	95-63-6	**3.15**		1.50
TPH C10-C15		**380**		362

Instrument File ID:	S21020527.D	**PSG 21**	Method:	EPA 8260C
Lab Sample ID:	0005610-23	Soil Gas	Analyzed:	02/05/2021 23:29

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
1,1-Dichloroethene	75-35-4	**1.72**		1.51
trans-1,2-Dichloroethene	156-60-5	**1.87**		1.13
cis-1,2-Dichloroethene	156-59-2	**12.5**		0.94
Trichloroethene	79-01-6	**486**	D	15.6
Tetrachloroethene	127-18-4	**7,490**	D	103
Ethylbenzene	100-41-4	**38.8**		1.47
p & m-Xylene	179601-23-1	**192**	D	14.6
o-Xylene	95-47-6	**75.1**	D	14.6
1,3,5-Trimethylbenzene	108-67-8	**3.21**		1.50
1,2,4-Trimethylbenzene	95-63-6	**10.7**		1.50
TPH C10-C15		**416**		361

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020528.D	**PSG 22**	Method:	EPA 8260C
Lab Sample ID:	0005610-24	Soil Gas	Analyzed:	02/05/2021 23:56

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
cis-1,2-Dichloroethene	156-59-2	**2.15**		0.94
Chloroform	67-66-3	**1.61**		1.42
Benzene	71-43-2	**4.23**		2.35
Trichloroethene	79-01-6	**93.1**	D	15.6
Tetrachloroethene	127-18-4	**9,710**	D	945
Ethylbenzene	100-41-4	**67.6**	D	15.2
p & m-Xylene	179601-23-1	**368**	D	14.6
o-Xylene	95-47-6	**180**	D	14.6
Isopropylbenzene	98-82-8	**5.29**		1.50
1,3,5-Trimethylbenzene	108-67-8	**15.8**		1.50
1,2,4-Trimethylbenzene	95-63-6	**43.7**		1.50
TPH C4-C9		**4,070**		422
TPH C10-C15		**1,230**		361

Instrument File ID:	S21020529.D	**PSG 23**	Method:	EPA 8260C
Lab Sample ID:	0005610-25	Soil Gas	Analyzed:	02/06/2021 00:24

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
cis-1,2-Dichloroethene	156-59-2	**1.57**		0.94
Trichloroethene	79-01-6	**47.0**		1.51
1,4-Dioxane	123-91-1	**22.8**		1.22
Tetrachloroethene	127-18-4	**428**	D	12.6
Ethylbenzene	100-41-4	**118**	D	15.2
p & m-Xylene	179601-23-1	**647**	D	120
o-Xylene	95-47-6	**354**	D	14.6
Isopropylbenzene	98-82-8	**6.14**		1.50
1,3,5-Trimethylbenzene	108-67-8	**24.4**		1.50
1,2,4-Trimethylbenzene	95-63-6	**74.1**	D	15.5
TPH C4-C9		**5,940**		422
TPH C10-C15		**1,770**		361

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020530.D	**PSG 24**		Method:	EPA 8260C
Lab Sample ID:	0005610-26	Soil Gas		Analyzed:	02/06/2021 00:52

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
1,1-Dichloroethene	75-35-4	**2.56**		1.51
trans-1,2-Dichloroethene	156-60-5	**2.05**		1.13
cis-1,2-Dichloroethene	156-59-2	**9.51**		0.94
Trichloroethene	79-01-6	**924**	D	15.6
Tetrachloroethene	127-18-4	**15,600**	D	946
Ethylbenzene	100-41-4	**9.06**		1.47
p & m-Xylene	179601-23-1	**35.7**		1.42
o-Xylene	95-47-6	**13.1**		1.42
1,2,4-Trimethylbenzene	95-63-6	**2.28**		1.50

Instrument File ID:	S21020806.D	**PSG 25**		Method:	EPA 8260C
Lab Sample ID:	0005610-27	Soil Gas		Analyzed:	02/08/2021 13:28

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Chloroform	67-66-3	**2.39**		1.42
Trichloroethene	79-01-6	**1.84**		1.51
Tetrachloroethene	127-18-4	**11.4**		1.21

Instrument File ID:	S21020532.D	**PSG 26**		Method:	EPA 8260C
Lab Sample ID:	0005610-28	Soil Gas		Analyzed:	02/06/2021 01:46

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Chloroform	67-66-3	**4.98**		1.42
Tetrachloroethene	127-18-4	**3.41**		1.21

Instrument File ID:	S21020533.D	**PSG 27**		Method:	EPA 8260C
Lab Sample ID:	0005610-29	Soil Gas		Analyzed:	02/06/2021 02:13

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Tetrachloroethene	127-18-4	**2.07**		1.21

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020536.D	**PSG 30**	Method:	EPA 8260C
Lab Sample ID:	0005610-32	Soil Gas	Analyzed:	02/06/2021 03:35

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Chloroform	67-66-3	**2.16**		1.42
Tetrachloroethene	127-18-4	**1.97**		1.21

Instrument File ID:	S21020537.D	**PSG 31**	Method:	EPA 8260C
Lab Sample ID:	0005610-33	Soil Gas	Analyzed:	02/06/2021 04:03

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Chloroform	67-66-3	**6.62**		1.42
Tetrachloroethene	127-18-4	**4.58**		1.21

Instrument File ID:	S21020538.D	**PSG 32**	Method:	EPA 8260C
Lab Sample ID:	0005610-34	Soil Gas	Analyzed:	02/06/2021 04:30

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Trichloroethene	79-01-6	**4.21**		1.51
Tetrachloroethene	127-18-4	**78.0**		1.21

Instrument File ID:	S21020539.D	**PSG 33**	Method:	EPA 8260C
Lab Sample ID:	0005610-35	Soil Gas	Analyzed:	02/06/2021 04:57

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
1,1-Dichloroethene	75-35-4	**2.06**		1.51
trans-1,2-Dichloroethene	156-60-5	**2.53**		1.13
cis-1,2-Dichloroethene	156-59-2	**12.7**		0.94
Trichloroethene	79-01-6	**144**	D	15.6
Tetrachloroethene	127-18-4	**538**	D	12.6
TPH C10-C15		**407**		361

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:**	210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:**	0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:**	02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020540.D	**PSG 34**		Method:	EPA 8260C
Lab Sample ID:	0005610-36	Soil Gas		Analyzed:	02/06/2021 05:25

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
cis-1,2-Dichloroethene	156-59-2	**1.17**		0.94
Benzene	71-43-2	**3.88**		2.35
Trichloroethene	79-01-6	**71.4**		1.51
Tetrachloroethene	127-18-4	**931**	D	12.6

Instrument File ID:	S21020541.D	**PSG 35**		Method:	EPA 8260C
Lab Sample ID:	0005610-37	Soil Gas		Analyzed:	02/06/2021 05:52

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Trichloroethene	79-01-6	**15.2**		1.51
Tetrachloroethene	127-18-4	**145**	D	12.5

Instrument File ID:	S21020542.D	**PSG 36**		Method:	EPA 8260C
Lab Sample ID:	0005610-38	Soil Gas		Analyzed:	02/06/2021 06:19

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Chloroform	67-66-3	**2.41**		1.42
Tetrachloroethene	127-18-4	**9.24**		1.21

Instrument File ID:	S21020543.D	**PSG 37**		Method:	EPA 8260C
Lab Sample ID:	0005610-39	Soil Gas		Analyzed:	02/06/2021 06:46

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
Tetrachloroethene	127-18-4	**4.60**		1.21

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Summary of Compound Detections - Concentration

Instrument File ID:	S21020805.D	**PSG 20 Dup**	Method:	EPA 8260C
Lab Sample ID:	0005610-42	Soil Gas	Analyzed:	02/08/2021 13:00

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)
cis-1,2-Dichloroethene	156-59-2	**8.21**		0.94
Benzene	71-43-2	**2.81**		2.35
Trichloroethene	79-01-6	**231**	D	15.6
Toluene	108-88-3	**3.12**		3.12
Tetrachloroethene	127-18-4	**4,890**	D	103
Ethylbenzene	100-41-4	**23.0**		1.47
p & m-Xylene	179601-23-1	**86.9**	D	14.7
o-Xylene	95-47-6	**29.5**		1.42
1,2,4-Trimethylbenzene	95-63-6	**3.04**		1.50
TPH C10-C15		**377**		362

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Map Report

Trinity Source Group, Inc.	**Project Site:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Project Location:** Santa Cruz, CA	**Beacon Project No.:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/17/2021

Map Data Summary Table

Sample locations are shown on **Figure 1**. The following table lists number of detections on field samples from the current survey, the reporting limit, and the maximum value for each mapped compound. The table also includes the transformation and interpolation method for the compound distribution maps provided.

Figure No.	Compound	Number of Detections	LOQ (µg/m³)	Max Value (µg/m³)	Transformation Method	Interpolation Method
2	Trichloroethene	28	1.50	924	Log	Kriging
3	Tetrachloroethene	33	1.21	15,600	Log	Kriging
4	Ethylbenzene	23	1.46	191	Log	Kriging

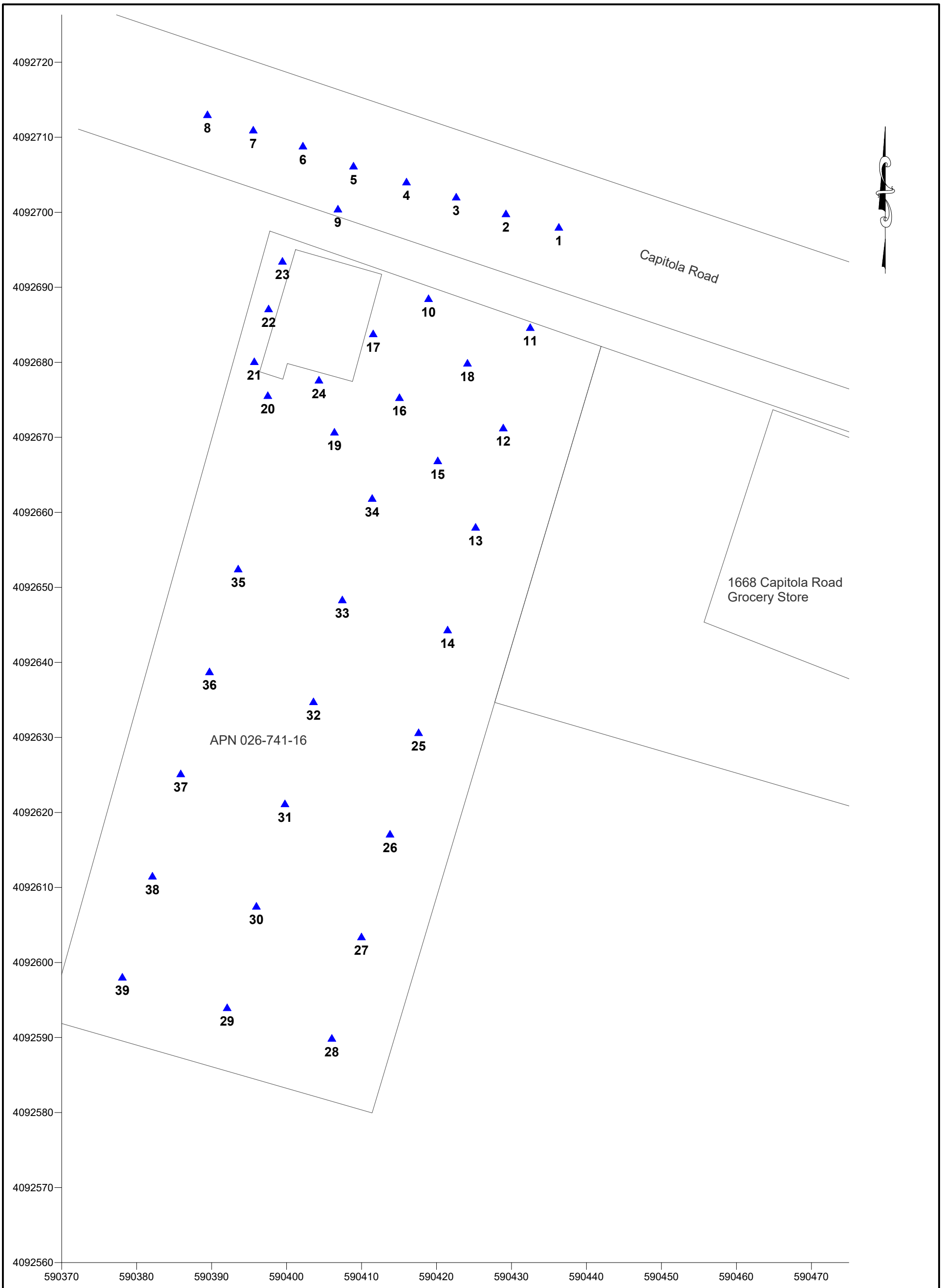

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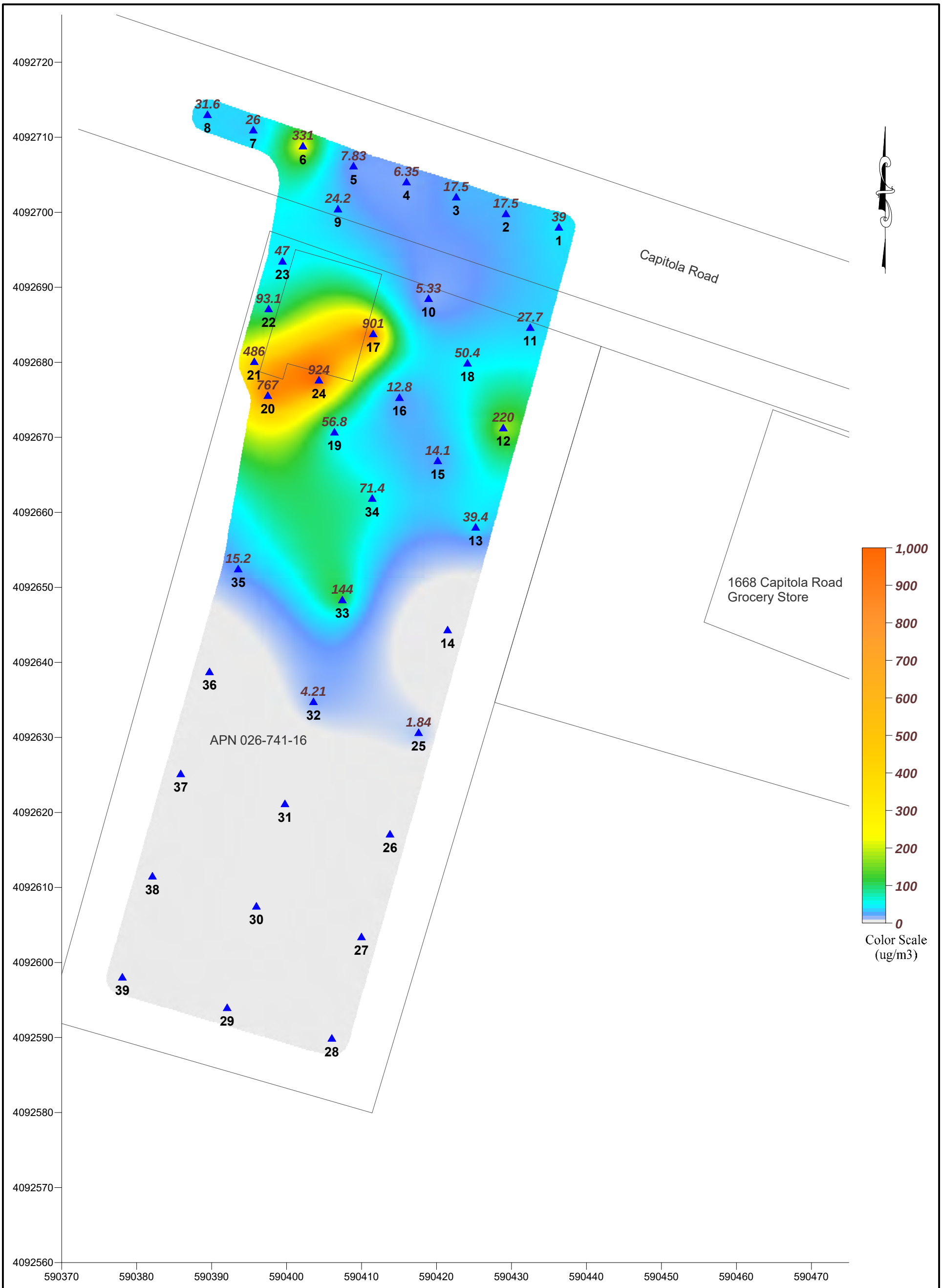
Figure 1
Passive Soil-Gas Survey
Sample Locations

Former Fairway Cleaners and Laundry
Santa Cruz, CA



System: UTM
Zone: 10 North
Datum: NAD 1983
Coordinate Units: Meters

LEGEND

1,000 MICROGRAMS/CUBIC METER

▲ PASSIVE SOIL-GAS SAMPLE LOCATION

Scale in Meters

0 12.5 25

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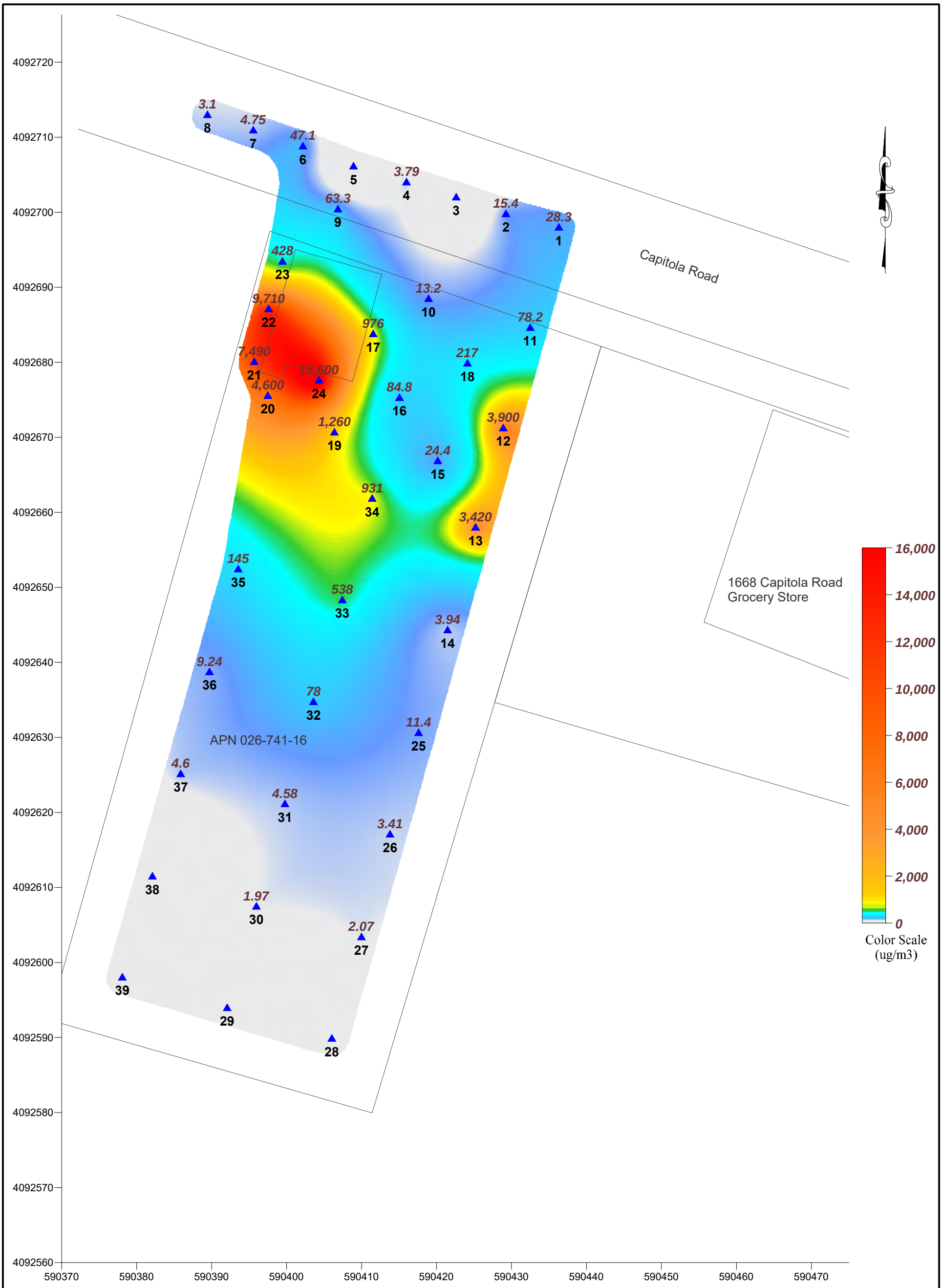
Figure 2
Passive Soil-Gas Survey
Trichloroethene

Former Fairway Cleaners and Laundry
Santa Cruz, CA



System: UTM
Zone: 10 North
Datum: NAD 1983
Coordinate Units: Meters

LEGEND

1,000 MICROGRAMS/CUBIC METER

▲ PASSIVE SOIL-GAS SAMPLE LOCATION

Scale in Meters

0 12.5 25

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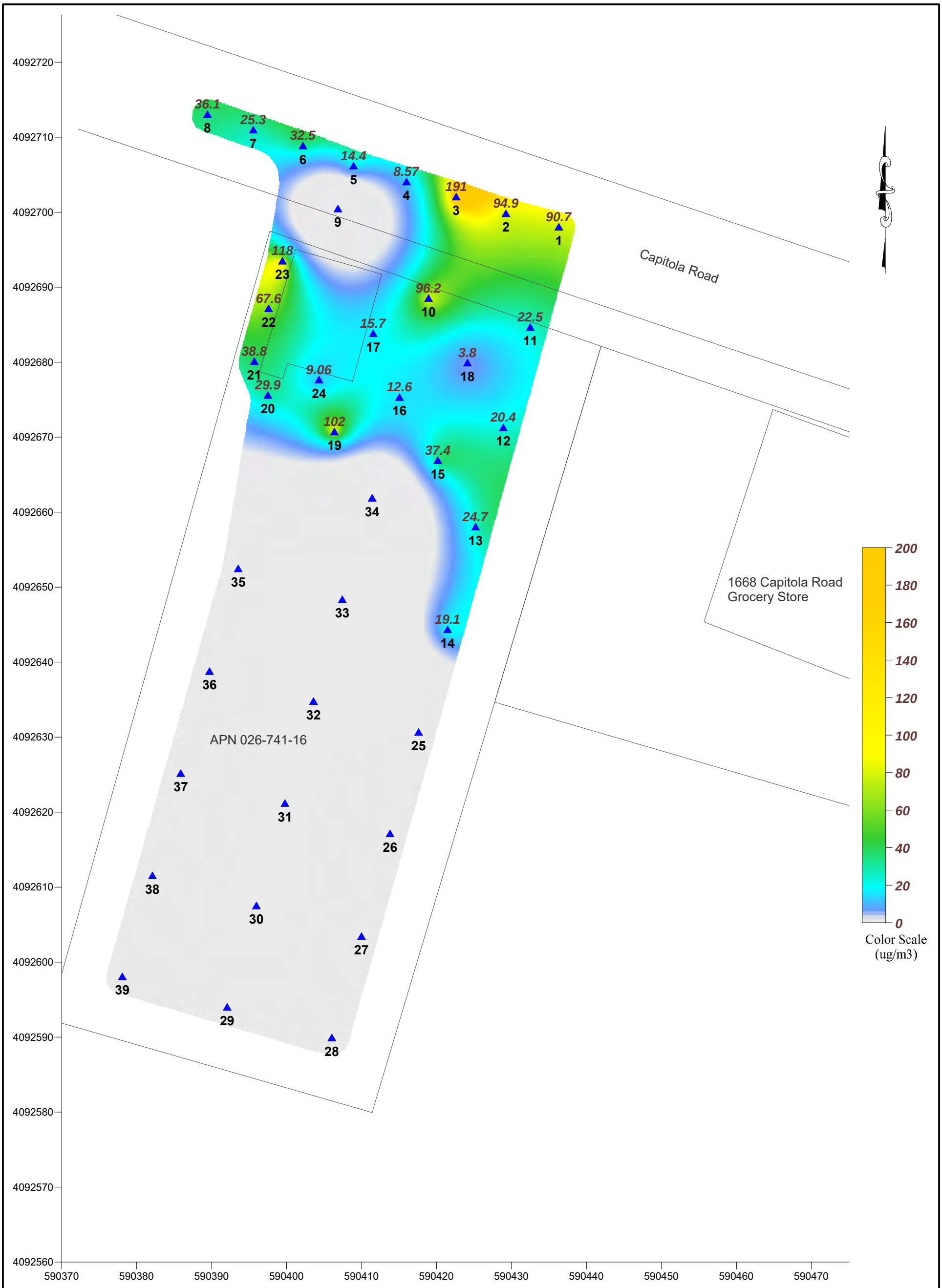
Beacon Project No. 5610, February 2021

Figure 3
Passive Soil-Gas Survey
Tetrachloroethene

Former Fairway Cleaners and Laundry
Santa Cruz, CA



System: UTM
Zone: 10 North
Datum: NAD 1983
Coordinate Units: Meters

LEGEND

1,000 MICROGRAMS/CUBIC METER

▲ PASSIVE SOIL-GAS SAMPLE LOCATION

Scale in Meters

0 12.5 25

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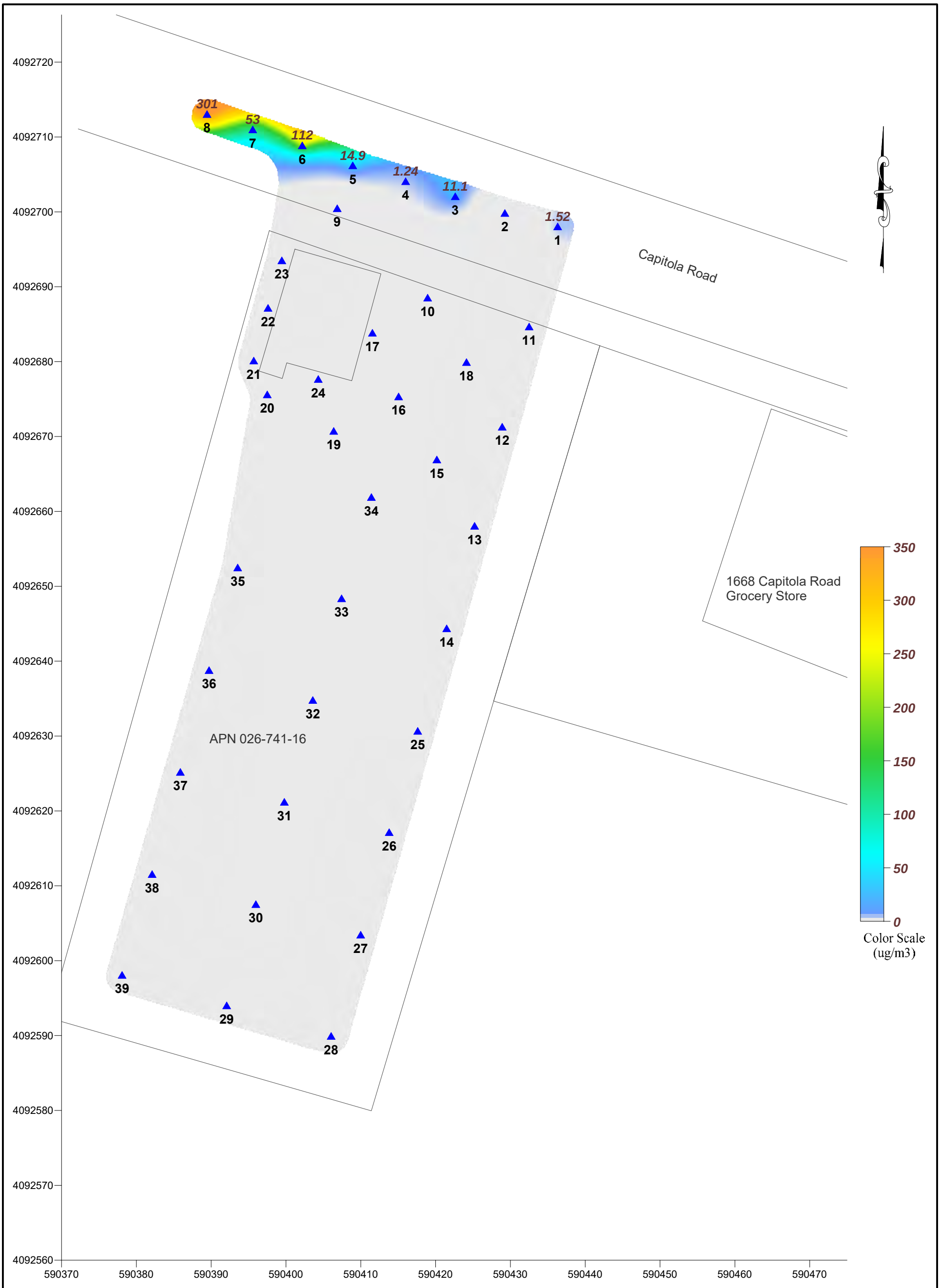
Figure 4
Passive Soil-Gas Survey
Ethylbenzene

Former Fairway Cleaners and Laundry
Santa Cruz, CA



System: UTM
Zone: 10 North
Datum: NAD 1983
Coordinate Units: Meters

LEGEND

1,000 MICROGRAMS/CUBIC METER

▲ PASSIVE SOIL-GAS SAMPLE LOCATION

Scale in Meters

0 12.5 25

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Figure 5
Passive Soil-Gas Survey
Vinyl Chloride

Former Fairway Cleaners and Laundry
Santa Cruz, CA

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CERTIFICATE OF ANALYSIS

Beacon Proposal No.: 210105R03

Laboratory Work Order: 0005610

Project Description:
Former Fairway Cleaners and Laundry
Santa Cruz, CA

Client PO No.: 575.002.002

Prepared for:
Warren Chamberlain
Trinity Source Group, Inc.
119 Encinal Street
Santa Cruz, CA 95060

Ryan W. Schneider
Senior Project Manager

February 12, 2021

All data meet requirements as specified in the Beacon Environmental Quality Assurance Project Plan and the results relate only to the samples reported. The work performed was in accordance with ISO/IEC 17025:2017, except compounds reported with ∉ are not included in Beacon's scope of accreditation and samples were analyzed within a 24-hour tune window. This report shall not be reproduced, except in full, without written approval of the laboratory. Release of the data contained in this data package has been authorized by the Laboratory Director or his signee, as verified by the following signatures:

Steven C. Thornley
Laboratory Director

Peter B. Kelly
Interim Quality Manager

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Summary

Lab Sample ID	Client Sample ID	Received	Analysis	Matrix
0005610-01	Trip 1	02/04/2021	EPA 8260C	Air
Sampler Type:	Beacon Passive Sampler			
0005610-02	Trip 2	02/04/2021	EPA 8260C	Air
Sampler Type:	Beacon Passive Sampler			
0005610-03	PSG 1	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-04	PSG 2	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-05	PSG 3	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-06	PSG 4	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-07	PSG 5	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-08	PSG 6	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-09	PSG 7	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-10	PSG 8	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-11	PSG 9	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-12	PSG 10	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-13	PSG 11	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-14	PSG 12	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-15	PSG 13	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-16	PSG 14	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-17	PSG 15	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-18	PSG 16	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-19	PSG 17	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-20	PSG 18	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID	Client Sample ID	Received	Analysis	Matrix
0005610-21	PSG 19	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-22	PSG 20	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-23	PSG 21	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-24	PSG 22	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-25	PSG 23	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-26	PSG 24	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-27	PSG 25	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-28	PSG 26	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-29	PSG 27	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-30	PSG 28	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-31	PSG 29	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-32	PSG 30	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-33	PSG 31	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-34	PSG 32	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-35	PSG 33	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-36	PSG 34	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-37	PSG 35	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-38	PSG 36	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-39	PSG 37	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-40	PSG 38	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			
0005610-41	PSG 39	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.		**Site Name:**	Former Fairway Cleaners and Laundry	**Beacon Proposal:**	210105R03
119 Encinal Street		**Site Location:**	Santa Cruz, CA	**Lab Work Order:**	0005610
Santa Cruz, CA 95060		**Project Manager:**	Warren Chamberlain	**Reported:**	02/12/2021

Lab Sample ID	Client Sample ID	Received	Analysis	Matrix
0005610-42	PSG 20 Dup	02/04/2021	EPA 8260C	Soil Gas
Sampler Type:	Beacon Passive Sampler			

Project Completeness

Samples Received: 42
Samples Analyzed: 42

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Case Narrative

U.S. EPA Method 8260C

All samples were analyzed using thermal desorption-gas chromatography/mass spectrometry (TD-GC/MS) instrumentation following U.S. EPA Method 8260C, with laboratory results provided in nanograms (ng) and micrograms per cubic meter ($\mu g/m^3$). Laboratory QA/QC procedures included internal standards, surrogates, and blanks based on EPA Method 8260C. Analyses and reporting were under BEACON's Quality Assurance Project Plan.

Passive Soil-Gas Survey Notes

If sample locations are covered with or near the edge of an impervious surface (*e.g.*, asphalt or concrete), the concentrations of compounds in soil gas are higher than if the surfacing was not present. Therefore, the sample location conditions should be considered when comparing results between locations.

Survey findings are exclusive to this project and when the spatial relationships are compared with results of other BEACON Surveys it is necessary to incorporate information from both investigations (*e.g.*, depth to sources, soil types, porosity, soil moisture, presence of impervious surfacing, sample collection times).

Reporting Limits

The RLs represent a baseline above which results meet laboratory-determined limits of precision and accuracy. Beacon performed dilution analysis when results exceeded the upper calibration limit, bringing all reported results within the calibration range. The project method quantitation limit (MQL) is the limit of quantitation (LOQ) as noted in the data tables. Beacon determined uptake rates for a suite of compounds with the Beacon sampler for sampling in air. Beacon calculated the uptake rates for the remaining compounds using Graham's Law of Diffusion. The reported data includes LOQ limits.

Project Details

Samples were received in proper condition and laboratory control parameters were met unless otherwise noted below. The work performed was in accordance with ISO/IEC 17025:2017, except compounds reported with ∉ are not included in Beacon's scope of accreditation and samples were analyzed within a 24-hour tune window.

End of Case Narrative

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Analytical Results

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-03

PSG 1
Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Vinyl Chloride	75-01-4	**25**		1.607	10	S21020507.D
1,1-Dichloroethene	75-35-4	**22**		2.193	10	S21020507.D
trans-1,2-Dichloroethene	156-60-5	**311**		2.603	10	S21020507.D
1,1-Dichloroethane	75-34-3	**20**		2.864	10	S21020507.D
cis-1,2-Dichloroethene	156-59-2	**4,620**	D	3.230	103	S21020546.D
Benzene	71-43-2	**70**		3.841	25	S21020507.D
Trichloroethene	79-01-6	**259**		4.374	10	S21020507.D
Toluene	108-88-3	**83**		5.581	25	S21020507.D
Tetrachloroethene	127-18-4	**233**		6.113	10	S21020507.D
Ethylbenzene	100-41-4	**1,550**	D	7.138	259	S21020546.D
p & m-Xylene	179601-23-1	**5,990**	D	7.264	259	S21020546.D
o-Xylene	95-47-6	**2,420**	D	7.620	259	S21020546.D
Isopropylbenzene	98-82-8	**44**		7.963	25	S21020507.D
1,3,5-Trimethylbenzene	108-67-8	**77**		8.505	25	S21020507.D
1,2,4-Trimethylbenzene	95-63-6	**173**		8.817	25	S21020507.D
2-Methylnaphthalene	91-57-6	**94**		11.489	25	S21020507.D
≤**TPH C4-C9**		**73,400**		4.810	5,000	S21020507.D
≤**TPH C10-C15**		**26,100**		8.209	5,000	S21020507.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-04

PSG 2
Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
trans-1,2-Dichloroethene	156-60-5	**32**		2.606	10	S21020508.D
cis-1,2-Dichloroethene	156-59-2	**412**		3.230	10	S21020508.D
Benzene	71-43-2	**109**		3.841	25	S21020508.D
Trichloroethene	79-01-6	**116**		4.374	10	S21020508.D
Toluene	108-88-3	**126**		5.581	25	S21020508.D
Tetrachloroethene	127-18-4	**126**		6.113	10	S21020508.D
Ethylbenzene	100-41-4	**1,620**	D	7.138	259	S21020547.D
p & m-Xylene	179601-23-1	**6,690**	D	7.261	259	S21020547.D
o-Xylene	95-47-6	**2,200**	D	7.620	259	S21020547.D
Isopropylbenzene	98-82-8	**37**		7.963	25	S21020508.D
1,3,5-Trimethylbenzene	108-67-8	**83**		8.505	25	S21020508.D
1,2,4-Trimethylbenzene	95-63-6	**208**		8.817	25	S21020508.D
2-Methylnaphthalene	91-57-6	**96**		11.490	25	S21020508.D
≤**TPH C4-C9**		**106,000**		4.810	5,000	S21020508.D
≤**TPH C10-C15**		**24,500**		8.209	5,000	S21020508.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-05

PSG 3
Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Vinyl Chloride	75-01-4	**180**		1.604	10	S21020509.D
1,1-Dichloroethene	75-35-4	**10**		2.190	10	S21020509.D
trans-1,2-Dichloroethene	156-60-5	**132**		2.603	10	S21020509.D
cis-1,2-Dichloroethene	156-59-2	**310**		3.227	10	S21020509.D
Benzene	71-43-2	**150**		3.844	25	S21020509.D
Trichloroethene	79-01-6	**116**		4.371	10	S21020509.D
Toluene	108-88-3	**78**		5.581	25	S21020509.D
Ethylbenzene	100-41-4	**3,250**	D	7.134	259	S21020548.D
p & m-Xylene	179601-23-1	**1,270**	D	7.260	259	S21020807.D
o-Xylene	95-47-6	**5,540**	D	7.620	259	S21020548.D
Isopropylbenzene	98-82-8	**96**		7.966	25	S21020509.D
1,3,5-Trimethylbenzene	108-67-8	**233**		8.505	25	S21020509.D
1,2,4-Trimethylbenzene	95-63-6	**565**		8.817	25	S21020509.D
Naphthalene	91-20-3	**29**		10.777	25	S21020509.D
2-Methylnaphthalene	91-57-6	**97**		11.490	25	S21020509.D
TPH C4-C9		**109,000**		4.810	5,000	S21020509.D
TPH C10-C15		**57,000**		8.209	5,000	S21020509.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-06

PSG 4
Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Vinyl Chloride	75-01-4	**20**		1.604	10	S21020510.D
trans-1,2-Dichloroethene	156-60-5	**19**		2.606	10	S21020510.D
cis-1,2-Dichloroethene	156-59-2	**79**		3.227	10	S21020510.D
Benzene	71-43-2	**140**		3.841	25	S21020510.D
Trichloroethene	79-01-6	**42**		4.374	10	S21020510.D
Toluene	108-88-3	**77**		5.581	25	S21020510.D
Tetrachloroethene	127-18-4	**31**		6.113	10	S21020510.D
Ethylbenzene	100-41-4	**146**		7.138	25	S21020510.D
p & m-Xylene	179601-23-1	**578**		7.264	25	S21020510.D
o-Xylene	95-47-6	**203**		7.620	25	S21020510.D
1,3,5-Trimethylbenzene	108-67-8	**42**		8.505	25	S21020510.D
1,2,4-Trimethylbenzene	95-63-6	**126**		8.817	25	S21020510.D
2-Methylnaphthalene	91-57-6	**65**		11.490	25	S21020510.D
≠**TPH C4-C9**		**58,200**		4.810	5,000	S21020510.D
≠**TPH C10-C15**		**27,600**		8.209	5,000	S21020510.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-07

PSG 5
Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Vinyl Chloride	75-01-4	**242**		1.607	10	S21020511.D
1,1-Dichloroethene	75-35-4	**17**		2.190	10	S21020511.D
trans-1,2-Dichloroethene	156-60-5	**96**		2.603	10	S21020511.D
cis-1,2-Dichloroethene	156-59-2	**804**		3.227	10	S21020511.D
Benzene	71-43-2	**196**		3.844	25	S21020511.D
Trichloroethene	79-01-6	**52**		4.371	10	S21020511.D
Toluene	108-88-3	**88**		5.578	25	S21020511.D
Ethylbenzene	100-41-4	**246**		7.138	25	S21020511.D
p & m-Xylene	179601-23-1	**988**		7.264	25	S21020511.D
o-Xylene	95-47-6	**333**		7.620	25	S21020511.D
1,3,5-Trimethylbenzene	108-67-8	**33**		8.505	25	S21020511.D
1,2,4-Trimethylbenzene	95-63-6	**93**		8.820	25	S21020511.D
Naphthalene	91-20-3	**84**		10.777	25	S21020511.D
2-Methylnaphthalene	91-57-6	**494**		11.489	25	S21020511.D
≤**TPH C4-C9**		**98,800**		4.810	5,000	S21020511.D
≤**TPH C10-C15**		**48,100**		8.209	5,000	S21020511.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-08

PSG 6
Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Vinyl Chloride	75-01-4	**1,810**	D	1.604	103	S21020808.D
1,1-Dichloroethene	75-35-4	**120**		2.190	10	S21020512.D
trans-1,2-Dichloroethene	156-60-5	**3,010**	D	2.603	103	S21020808.D
cis-1,2-Dichloroethene	156-59-2	**5,130**	D	3.227	103	S21020808.D
Benzene	71-43-2	**699**		3.844	25	S21020512.D
Trichloroethene	79-01-6	**2,190**	D	4.371	103	S21020808.D
Toluene	108-88-3	**514**		5.584	25	S21020512.D
Tetrachloroethene	127-18-4	**387**		6.113	10	S21020512.D
Ethylbenzene	100-41-4	**553**		7.137	25	S21020512.D
p & m-Xylene	179601-23-1	**1,950**	D	7.264	259	S21020808.D
o-Xylene	95-47-6	**712**		7.620	25	S21020512.D
Isopropylbenzene	98-82-8	**33**		7.963	25	S21020512.D
1,3,5-Trimethylbenzene	108-67-8	**65**		8.505	25	S21020512.D
1,2,4-Trimethylbenzene	95-63-6	**146**		8.817	25	S21020512.D
Naphthalene	91-20-3	**56**		10.777	25	S21020512.D
2-Methylnaphthalene	91-57-6	**250**		11.489	25	S21020512.D
≤**TPH C4-C9**		**263,000**		4.810	5,000	S21020512.D
≤**TPH C10-C15**		**56,200**		8.209	5,000	S21020512.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-09

PSG 7
Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Vinyl Chloride	75-01-4	**861**		1.607	10	S21020513.D
1,1-Dichloroethene	75-35-4	**38**		2.190	10	S21020513.D
trans-1,2-Dichloroethene	156-60-5	**399**		2.606	10	S21020513.D
cis-1,2-Dichloroethene	156-59-2	**1,830**	D	3.236	103	S21020809.D
Benzene	71-43-2	**63**		3.841	25	S21020513.D
Trichloroethene	79-01-6	**172**		4.371	10	S21020513.D
Tetrachloroethene	127-18-4	**39**		6.113	10	S21020513.D
Ethylbenzene	100-41-4	**431**		7.138	25	S21020513.D
p & m-Xylene	179601-23-1	**2,030**	D	7.263	259	S21020809.D
o-Xylene	95-47-6	**528**		7.620	25	S21020513.D
1,2,4-Trimethylbenzene	95-63-6	**37**		8.817	25	S21020513.D
2-Methylnaphthalene	91-57-6	**34**		11.594	25	S21020513.D
≤**TPH C4-C9**		**48,700**		4.810	5,000	S21020513.D
≤**TPH C10-C15**		**9,990**		8.209	5,000	S21020513.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-10 — **PSG 8** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Vinyl Chloride	75-01-4	**4,890**	D	1.610	103	S21020810.D
1,1-Dichloroethene	75-35-4	**106**		2.193	10	S21020514.D
trans-1,2-Dichloroethene	156-60-5	**1,440**	D	2.606	103	S21020810.D
cis-1,2-Dichloroethene	156-59-2	**7,810**	D	3.230	103	S21020810.D
Benzene	71-43-2	**324**		3.841	25	S21020514.D
Trichloroethene	79-01-6	**209**		4.371	10	S21020514.D
Toluene	108-88-3	**201**		5.581	25	S21020514.D
Tetrachloroethene	127-18-4	**26**		6.113	10	S21020514.D
Ethylbenzene	100-41-4	**615**		7.137	25	S21020514.D
p & m-Xylene	179601-23-1	**2,650**	D	7.264	259	S21020810.D
o-Xylene	95-47-6	**849**		7.620	25	S21020514.D
1,3,5-Trimethylbenzene	108-67-8	**40**		8.505	25	S21020514.D
1,2,4-Trimethylbenzene	95-63-6	**94**		8.817	25	S21020514.D
Naphthalene	91-20-3	**52**		10.780	25	S21020514.D
2-Methylnaphthalene	91-57-6	**324**		11.489	25	S21020514.D
TPH C4-C9		**193,000**		4.810	5,000	S21020514.D
TPH C10-C15		**48,800**		8.209	5,000	S21020514.D

Lab Sample ID: 0005610-11 — **PSG 9** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
cis-1,2-Dichloroethene	156-59-2	**21**		3.230	10	S21020515.D
Benzene	71-43-2	**55**		3.844	25	S21020515.D
Trichloroethene	79-01-6	**161**		4.371	10	S21020515.D
Toluene	108-88-3	**34**		5.581	25	S21020515.D
Tetrachloroethene	127-18-4	**524**		6.113	10	S21020515.D
p & m-Xylene	179601-23-1	**35**		7.264	25	S21020515.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-12 | **PSG 10** | Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Benzene	71-43-2	**44**		3.844	25	S21020516.D
Trichloroethene	79-01-6	**35**		4.371	10	S21020516.D
Toluene	108-88-3	**44**		5.581	25	S21020516.D
Tetrachloroethene	127-18-4	**108**		6.116	10	S21020516.D
Ethylbenzene	100-41-4	**1,640**	D	7.138	259	S21020811.D
p & m-Xylene	179601-23-1	**7,230**	D	7.264	259	S21020811.D
o-Xylene	95-47-6	**2,640**	D	7.620	259	S21020811.D
Isopropylbenzene	98-82-8	**38**		7.963	25	S21020516.D
1,3,5-Trimethylbenzene	108-67-8	**67**		8.502	25	S21020516.D
1,2,4-Trimethylbenzene	95-63-6	**130**		8.817	25	S21020516.D
≤**TPH C4-C9**		**73,000**		4.810	5,000	S21020516.D
≤**TPH C10-C15**		**13,300**		8.209	5,000	S21020516.D

Lab Sample ID: 0005610-13 | **PSG 11** | Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
cis-1,2-Dichloroethene	156-59-2	**17**		3.233	10	S21020517.D
Trichloroethene	79-01-6	**183**		4.371	10	S21020517.D
Tetrachloroethene	127-18-4	**643**		6.117	10	S21020517.D
Ethylbenzene	100-41-4	**383**		7.138	25	S21020517.D
p & m-Xylene	179601-23-1	**1,870**	D	7.260	259	S21020812.D
o-Xylene	95-47-6	**700**		7.620	25	S21020517.D
1,3,5-Trimethylbenzene	108-67-8	**27**		8.502	25	S21020517.D
1,2,4-Trimethylbenzene	95-63-6	**60**		8.817	25	S21020517.D
≤**TPH C4-C9**		**19,900**		4.810	5,000	S21020517.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-14 — **PSG 12** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
cis-1,2-Dichloroethene	156-59-2	**19**		3.230	10	S21020518.D
Trichloroethene	79-01-6	**1,460**	D	4.374	103	S21020813.D
Tetrachloroethene	127-18-4	**32,000**	D	6.113	848	S21020906.D
Ethylbenzene	100-41-4	**347**		7.138	25	S21020518.D
p & m-Xylene	179601-23-1	**1,660**	D	7.264	259	S21020813.D
o-Xylene	95-47-6	**592**		7.620	25	S21020518.D
1,3,5-Trimethylbenzene	108-67-8	**29**		8.505	25	S21020518.D
1,2,4-Trimethylbenzene	95-63-6	**69**		8.817	25	S21020518.D
2-Methylnaphthalene	91-57-6	**157**		11.490	25	S21020518.D
≤**TPH C10-C15**		**12,200**		8.209	5,000	S21020518.D

Lab Sample ID: 0005610-15 — **PSG 13** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Benzene	71-43-2	**45**		3.841	25	S21020519.D
Trichloroethene	79-01-6	**261**		4.374	10	S21020519.D
Toluene	108-88-3	**29**		5.581	25	S21020519.D
Tetrachloroethene	127-18-4	**28,100**	D	6.113	848	S21020907.D
Ethylbenzene	100-41-4	**420**		7.137	25	S21020519.D
p & m-Xylene	179601-23-1	**1,960**	D	7.264	259	S21020814.D
o-Xylene	95-47-6	**853**		7.620	25	S21020519.D
1,3,5-Trimethylbenzene	108-67-8	**44**		8.505	25	S21020519.D
1,2,4-Trimethylbenzene	95-63-6	**96**		8.817	25	S21020519.D
≤**TPH C10-C15**		**7,320**		8.209	5,000	S21020519.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-16 | **PSG 14** | Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
cis-1,2-Dichloroethene	156-59-2	**11**		3.227	10	S21020520.D
Benzene	71-43-2	**33**		3.838	25	S21020520.D
Tetrachloroethene	127-18-4	**32**		6.113	10	S21020520.D
Ethylbenzene	100-41-4	**326**		7.138	25	S21020520.D
p & m-Xylene	179601-23-1	**1,370**	D	7.261	259	S21020815.D
o-Xylene	95-47-6	**451**		7.620	25	S21020520.D
1,2,4-Trimethylbenzene	95-63-6	**33**		8.817	25	S21020520.D
⋐**TPH C4-C9**		**15,500**		4.810	5,000	S21020520.D

Lab Sample ID: 0005610-17 | **PSG 15** | Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Benzene	71-43-2	**29**		3.844	25	S21020521.D
Trichloroethene	79-01-6	**93**		4.371	10	S21020521.D
1,4-Dioxane	123-91-1	**119**		4.673	10	S21020521.D
Tetrachloroethene	127-18-4	**200**		6.113	10	S21020521.D
Ethylbenzene	100-41-4	**638**		7.137	25	S21020521.D
p & m-Xylene	179601-23-1	**2,970**	D	7.264	259	S21020816.D
o-Xylene	95-47-6	**1,110**	D	7.620	259	S21020816.D
1,3,5-Trimethylbenzene	108-67-8	**37**		8.502	25	S21020521.D
1,2,4-Trimethylbenzene	95-63-6	**82**		8.817	25	S21020521.D
⋐**TPH C4-C9**		**32,600**		4.810	5,000	S21020521.D
⋐**TPH C10-C15**		**5,400**		8.209	5,000	S21020521.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-18 — **PSG 16** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Trichloroethene	79-01-6	**85**		4.374	10	S21020522.D
Tetrachloroethene	127-18-4	**698**		6.113	10	S21020522.D
Ethylbenzene	100-41-4	**215**		7.138	25	S21020522.D
p & m-Xylene	179601-23-1	**953**		7.264	25	S21020522.D
o-Xylene	95-47-6	**364**		7.620	25	S21020522.D
1,2,4-Trimethylbenzene	95-63-6	**30**		8.817	25	S21020522.D
TPH C4-C9		**12,100**		4.810	5,000	S21020522.D

Lab Sample ID: 0005610-19 — **PSG 17** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
1,1-Dichloroethene	75-35-4	**52**		2.190	10	S21020523.D
trans-1,2-Dichloroethene	156-60-5	**60**		2.603	10	S21020523.D
cis-1,2-Dichloroethene	156-59-2	**434**		3.230	10	S21020523.D
Trichloroethene	79-01-6	**5,970**	D	4.374	103	S21020817.D
Tetrachloroethene	127-18-4	**8,030**	D	6.113	103	S21020817.D
Ethylbenzene	100-41-4	**268**		7.138	25	S21020523.D
p & m-Xylene	179601-23-1	**1,280**	D	7.263	259	S21020817.D
o-Xylene	95-47-6	**511**		7.620	25	S21020523.D
1,2,4-Trimethylbenzene	95-63-6	**47**		8.817	25	S21020523.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-20 | **PSG 18** | Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
trans-1,2-Dichloroethene	156-60-5	**11**		2.606	10	S21020524.D
cis-1,2-Dichloroethene	156-59-2	**16**		3.227	10	S21020524.D
Trichloroethene	79-01-6	**334**		4.374	10	S21020524.D
Tetrachloroethene	127-18-4	**1,790**	D	6.110	103	S21020818.D
Ethylbenzene	100-41-4	**65**		7.137	25	S21020524.D
p & m-Xylene	179601-23-1	**269**		7.263	25	S21020524.D
o-Xylene	95-47-6	**94**		7.620	25	S21020524.D
1,2,4-Trimethylbenzene	95-63-6	**41**		8.817	25	S21020524.D
≤**TPH C4-C9**		**16,500**		4.810	5,000	S21020524.D

Lab Sample ID: 0005610-21 | **PSG 19** | Method: EPA 8260C

Soil Gas

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Benzene	71-43-2	**38**		3.844	25	S21020525.D
Trichloroethene	79-01-6	**376**		4.374	10	S21020525.D
Toluene	108-88-3	**30**		5.581	25	S21020525.D
Tetrachloroethene	127-18-4	**10,300**	D	6.113	848	S21020908.D
Ethylbenzene	100-41-4	**1,740**	D	7.138	259	S21020819.D
p & m-Xylene	179601-23-1	**7,690**	D	7.264	259	S21020819.D
o-Xylene	95-47-6	**2,820**	D	7.620	259	S21020819.D
Isopropylbenzene	98-82-8	**50**		7.963	25	S21020525.D
1,3,5-Trimethylbenzene	108-67-8	**109**		8.505	25	S21020525.D
1,2,4-Trimethylbenzene	95-63-6	**293**		8.817	25	S21020525.D
Naphthalene	91-20-3	**48**		10.777	25	S21020525.D
≤**TPH C4-C9**		**83,900**		4.810	5,000	S21020525.D
≤**TPH C10-C15**		**28,300**		8.209	5,000	S21020525.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-22 — **PSG 20** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
1,1-Dichloroethene	75-35-4	**27**		2.190	10	S21020526.D
trans-1,2-Dichloroethene	156-60-5	**35**		2.606	10	S21020526.D
cis-1,2-Dichloroethene	156-59-2	**283**		3.227	10	S21020526.D
Benzene	71-43-2	**28**		3.844	25	S21020526.D
Trichloroethene	79-01-6	**5,070**	D	4.374	103	S21020820.D
Tetrachloroethene	127-18-4	**37,800**	D	6.113	848	S21020909.D
Ethylbenzene	100-41-4	**510**		7.137	25	S21020526.D
p & m-Xylene	179601-23-1	**2,010**	D	7.263	259	S21020820.D
o-Xylene	95-47-6	**619**		7.620	25	S21020526.D
1,2,4-Trimethylbenzene	95-63-6	**52**		8.817	25	S21020526.D
≤**TPH C10-C15**		**5,250**		8.209	5,000	S21020526.D

Lab Sample ID: 0005610-23 — **PSG 21** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
1,1-Dichloroethene	75-35-4	**11**		2.200	10	S21020527.D
trans-1,2-Dichloroethene	156-60-5	**17**		2.615	10	S21020527.D
cis-1,2-Dichloroethene	156-59-2	**133**		3.236	10	S21020527.D
Trichloroethene	79-01-6	**3,220**	D	4.371	103	S21020821.D
Tetrachloroethene	127-18-4	**61,600**	D	6.116	848	S21020910.D
Ethylbenzene	100-41-4	**661**		7.141	25	S21020527.D
p & m-Xylene	179601-23-1	**3,390**	D	7.263	259	S21020821.D
o-Xylene	95-47-6	**1,330**	D	7.620	259	S21020821.D
1,3,5-Trimethylbenzene	108-67-8	**53**		8.505	25	S21020527.D
1,2,4-Trimethylbenzene	95-63-6	**178**		8.817	25	S21020527.D
≤**TPH C10-C15**		**5,750**		8.209	5,000	S21020527.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-24 — **PSG 22** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
cis-1,2-Dichloroethene	156-59-2	**23**		3.227	10	S21020528.D
Chloroform	67-66-3	**11**		3.463	10	S21020528.D
Benzene	71-43-2	**45**		3.844	25	S21020528.D
Trichloroethene	79-01-6	**616**	D	4.377	103	S21020822.D
Tetrachloroethene	127-18-4	**79,900**	D	6.113	7,780	S21020934.D
Ethylbenzene	100-41-4	**1,150**	D	7.138	259	S21020822.D
p & m-Xylene	179601-23-1	**6,500**	D	7.264	259	S21020822.D
o-Xylene	95-47-6	**3,170**	D	7.620	259	S21020822.D
Isopropylbenzene	98-82-8	**88**		7.963	25	S21020528.D
1,3,5-Trimethylbenzene	108-67-8	**264**		8.505	25	S21020528.D
1,2,4-Trimethylbenzene	95-63-6	**728**		8.817	25	S21020528.D
≤**TPH C4-C9**		**48,200**		4.810	5,000	S21020528.D
≤**TPH C10-C15**		**17,000**		8.209	5,000	S21020528.D

Lab Sample ID: 0005610-25 — **PSG 23** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
cis-1,2-Dichloroethene	156-59-2	**17**		3.230	10	S21020529.D
Trichloroethene	79-01-6	**311**		4.371	10	S21020529.D
1,4-Dioxane	123-91-1	**187**		4.661	10	S21020529.D
Tetrachloroethene	127-18-4	**3,520**	D	6.113	103	S21020823.D
Ethylbenzene	100-41-4	**2,010**	D	7.138	259	S21020823.D
p & m-Xylene	179601-23-1	**11,400**	D	7.260	2,120	S21020912.D
o-Xylene	95-47-6	**6,250**	D	7.620	259	S21020823.D
Isopropylbenzene	98-82-8	**102**		7.963	25	S21020529.D
1,3,5-Trimethylbenzene	108-67-8	**407**		8.505	25	S21020529.D
1,2,4-Trimethylbenzene	95-63-6	**1,230**	D	8.817	259	S21020823.D
≤**TPH C4-C9**		**70,300**		4.810	5,000	S21020529.D
≤**TPH C10-C15**		**24,500**		8.209	5,000	S21020529.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-26 — **PSG 24** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
1,1-Dichloroethene	75-35-4	**17**		2.187	10	S21020530.D
trans-1,2-Dichloroethene	156-60-5	**18**		2.603	10	S21020530.D
cis-1,2-Dichloroethene	156-59-2	**101**		3.227	10	S21020530.D
Trichloroethene	79-01-6	**6,120**	D	4.374	103	S21020824.D
Tetrachloroethene	127-18-4	**128,000**	D	6.113	7,780	S21020935.D
Ethylbenzene	100-41-4	**155**		7.138	25	S21020530.D
p & m-Xylene	179601-23-1	**631**		7.264	25	S21020530.D
o-Xylene	95-47-6	**231**		7.620	25	S21020530.D
1,2,4-Trimethylbenzene	95-63-6	**38**		8.817	25	S21020530.D

Lab Sample ID: 0005610-27 — **PSG 25** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Chloroform	67-66-3	**17**		3.457	10	S21020806.D
Trichloroethene	79-01-6	**12**		4.371	10	S21020806.D
Tetrachloroethene	127-18-4	**94**		6.110	10	S21020806.D

Lab Sample ID: 0005610-28 — **PSG 26** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Chloroform	67-66-3	**35**		3.460	10	S21020532.D
Tetrachloroethene	127-18-4	**28**		6.113	10	S21020532.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-29 — **PSG 27** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Tetrachloroethene	127-18-4	**17**		6.113	10	S21020533.D

Lab Sample ID: 0005610-32 — **PSG 30** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Chloroform	67-66-3	**15**		3.460	10	S21020536.D
Tetrachloroethene	127-18-4	**16**		6.113	10	S21020536.D

Lab Sample ID: 0005610-33 — **PSG 31** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Chloroform	67-66-3	**47**		3.460	10	S21020537.D
Tetrachloroethene	127-18-4	**38**		6.113	10	S21020537.D

Lab Sample ID: 0005610-34 — **PSG 32** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Trichloroethene	79-01-6	**28**		4.371	10	S21020538.D
Tetrachloroethene	127-18-4	**644**		6.113	10	S21020538.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-35 — **PSG 33** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
1,1-Dichloroethene	75-35-4	**14**		2.193	10	S21020539.D
trans-1,2-Dichloroethene	156-60-5	**22**		2.606	10	S21020539.D
cis-1,2-Dichloroethene	156-59-2	**135**		3.227	10	S21020539.D
Trichloroethene	79-01-6	**954**	D	4.371	103	S21020825.D
Tetrachloroethene	127-18-4	**4,430**	D	6.110	103	S21020825.D
TPH C10-C15		**5,630**		8.209	5,000	S21020539.D

Lab Sample ID: 0005610-36 — **PSG 34** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
cis-1,2-Dichloroethene	156-59-2	**12**		3.227	10	S21020540.D
Benzene	71-43-2	**41**		3.844	25	S21020540.D
Trichloroethene	79-01-6	**473**		4.374	10	S21020540.D
Tetrachloroethene	127-18-4	**7,660**	D	6.113	103	S21020826.D

Lab Sample ID: 0005610-37 — **PSG 35** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Trichloroethene	79-01-6	**101**		4.374	10	S21020541.D
Tetrachloroethene	127-18-4	**1,200**	D	6.110	103	S21020827.D

Lab Sample ID: 0005610-38 — **PSG 36** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Chloroform	67-66-3	**17**		3.460	10	S21020542.D
Tetrachloroethene	127-18-4	**76**		6.117	10	S21020542.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Mass

Lab Sample ID: 0005610-39 — **PSG 37** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
Tetrachloroethene	127-18-4	**38**		6.117	10	S21020543.D

Lab Sample ID: 0005610-42 — **PSG 20 Dup** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	RT	LOQ (ng)	File ID
cis-1,2-Dichloroethene	156-59-2	**87**		3.230	10	S21020805.D
Benzene	71-43-2	**30**		3.844	25	S21020805.D
Trichloroethene	79-01-6	**1,530**	D	4.374	103	S21020905.D
Toluene	108-88-3	**25**		5.584	25	S21020805.D
Tetrachloroethene	127-18-4	**40,200**	D	6.110	848	S21020933.D
Ethylbenzene	100-41-4	**391**		7.137	25	S21020805.D
p & m-Xylene	179601-23-1	**1,530**	D	7.260	259	S21020905.D
o-Xylene	95-47-6	**521**		7.620	25	S21020805.D
1,2,4-Trimethylbenzene	95-63-6	**51**		8.817	25	S21020805.D
≠**TPH C10-C15**		**5,210**		8.209	5,000	S21020805.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-03

PSG 1
Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Vinyl Chloride	75-01-4	**1.52**		1.607	0.61	S21020507.D
1,1-Dichloroethene	75-35-4	**3.28**		2.193	1.51	S21020507.D
trans-1,2-Dichloroethene	156-60-5	**35.2**		2.603	1.13	S21020507.D
1,1-Dichloroethane	75-34-3	**1.15**		2.864	0.59	S21020507.D
cis-1,2-Dichloroethene	156-59-2	**434**	D	3.230	9.71	S21020546.D
Benzene	71-43-2	**6.56**		3.841	2.35	S21020507.D
Trichloroethene	79-01-6	**39.0**		4.374	1.51	S21020507.D
Toluene	108-88-3	**10.3**		5.581	3.11	S21020507.D
Tetrachloroethene	127-18-4	**28.3**		6.113	1.21	S21020507.D
Ethylbenzene	100-41-4	**90.7**	D	7.138	15.1	S21020546.D
p & m-Xylene	179601-23-1	**339**	D	7.264	14.6	S21020546.D
o-Xylene	95-47-6	**137**	D	7.620	14.6	S21020546.D
Isopropylbenzene	98-82-8	**2.63**		7.963	1.50	S21020507.D
1,3,5-Trimethylbenzene	108-67-8	**4.59**		8.505	1.50	S21020507.D
1,2,4-Trimethylbenzene	95-63-6	**10.4**		8.817	1.50	S21020507.D
2-Methylnaphthalene	91-57-6	**6.17**		11.489	1.64	S21020507.D
≤**TPH C4-C9**		**6,190**		4.810	422	S21020507.D
≤**TPH C10-C15**		**1,890**		8.209	361	S21020507.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-04

PSG 2
Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
trans-1,2-Dichloroethene	156-60-5	**3.67**		2.606	1.13	S21020508.D
cis-1,2-Dichloroethene	156-59-2	**38.8**		3.230	0.94	S21020508.D
Benzene	71-43-2	**10.2**		3.841	2.35	S21020508.D
Trichloroethene	79-01-6	**17.5**		4.374	1.51	S21020508.D
Toluene	108-88-3	**15.7**		5.581	3.11	S21020508.D
Tetrachloroethene	127-18-4	**15.4**		6.113	1.22	S21020508.D
Ethylbenzene	100-41-4	**94.9**	D	7.138	15.2	S21020547.D
p & m-Xylene	179601-23-1	**379**	D	7.261	14.6	S21020547.D
o-Xylene	95-47-6	**124**	D	7.620	14.6	S21020547.D
Isopropylbenzene	98-82-8	**2.23**		7.963	1.50	S21020508.D
1,3,5-Trimethylbenzene	108-67-8	**5.00**		8.505	1.50	S21020508.D
1,2,4-Trimethylbenzene	95-63-6	**12.5**		8.817	1.50	S21020508.D
2-Methylnaphthalene	91-57-6	**6.27**		11.490	1.64	S21020508.D
≠**TPH C4-C9**		**8,960**		4.810	422	S21020508.D
≠**TPH C10-C15**		**1,770**		8.209	361	S21020508.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-05

PSG 3
Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Vinyl Chloride	75-01-4	**11.1**		1.604	0.62	S21020509.D
1,1-Dichloroethene	75-35-4	**1.54**		2.190	1.51	S21020509.D
trans-1,2-Dichloroethene	156-60-5	**14.9**		2.603	1.13	S21020509.D
cis-1,2-Dichloroethene	156-59-2	**29.2**		3.227	0.94	S21020509.D
Benzene	71-43-2	**14.1**		3.844	2.35	S21020509.D
Trichloroethene	79-01-6	**17.5**		4.371	1.51	S21020509.D
Toluene	108-88-3	**9.69**		5.581	3.11	S21020509.D
Ethylbenzene	100-41-4	**191**	D	7.134	15.2	S21020548.D
p & m-Xylene	179601-23-1	**71.8**	D	7.260	14.6	S21020807.D
o-Xylene	95-47-6	**314**	D	7.620	14.6	S21020548.D
Isopropylbenzene	98-82-8	**5.75**		7.966	1.50	S21020509.D
1,3,5-Trimethylbenzene	108-67-8	**14.0**		8.505	1.50	S21020509.D
1,2,4-Trimethylbenzene	95-63-6	**33.9**		8.817	1.50	S21020509.D
Naphthalene	91-20-3	**1.82**		10.777	1.56	S21020509.D
2-Methylnaphthalene	91-57-6	**6.37**		11.490	1.64	S21020509.D
≤**TPH C4-C9**		**9,210**		4.810	422	S21020509.D
≤**TPH C10-C15**		**4,110**		8.209	361	S21020509.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-06

PSG 4
Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Vinyl Chloride	75-01-4	**1.24**		1.604	0.62	S21020510.D
trans-1,2-Dichloroethene	156-60-5	**2.16**		2.606	1.13	S21020510.D
cis-1,2-Dichloroethene	156-59-2	**7.38**		3.227	0.94	S21020510.D
Benzene	71-43-2	**13.2**		3.841	2.35	S21020510.D
Trichloroethene	79-01-6	**6.35**		4.374	1.51	S21020510.D
Toluene	108-88-3	**9.64**		5.581	3.12	S21020510.D
Tetrachloroethene	127-18-4	**3.79**		6.113	1.22	S21020510.D
Ethylbenzene	100-41-4	**8.57**		7.138	1.47	S21020510.D
p & m-Xylene	179601-23-1	**32.7**		7.264	1.42	S21020510.D
o-Xylene	95-47-6	**11.5**		7.620	1.42	S21020510.D
1,3,5-Trimethylbenzene	108-67-8	**2.50**		8.505	1.50	S21020510.D
1,2,4-Trimethylbenzene	95-63-6	**7.59**		8.817	1.50	S21020510.D
2-Methylnaphthalene	91-57-6	**4.24**		11.490	1.64	S21020510.D
≠**TPH C4-C9**		**4,920**		4.810	422	S21020510.D
≠**TPH C10-C15**		**1,990**		8.209	361	S21020510.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-07

PSG 5
Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Vinyl Chloride	75-01-4	**14.9**		1.607	0.62	S21020511.D
1,1-Dichloroethene	75-35-4	**2.59**		2.190	1.51	S21020511.D
trans-1,2-Dichloroethene	156-60-5	**10.9**		2.603	1.13	S21020511.D
cis-1,2-Dichloroethene	156-59-2	**75.6**		3.227	0.94	S21020511.D
Benzene	71-43-2	**18.5**		3.844	2.35	S21020511.D
Trichloroethene	79-01-6	**7.83**		4.371	1.51	S21020511.D
Toluene	108-88-3	**11.0**		5.578	3.12	S21020511.D
Ethylbenzene	100-41-4	**14.4**		7.138	1.47	S21020511.D
p & m-Xylene	179601-23-1	**56.0**		7.264	1.42	S21020511.D
o-Xylene	95-47-6	**18.9**		7.620	1.42	S21020511.D
1,3,5-Trimethylbenzene	108-67-8	**1.99**		8.505	1.50	S21020511.D
1,2,4-Trimethylbenzene	95-63-6	**5.57**		8.820	1.50	S21020511.D
Naphthalene	91-20-3	**5.23**		10.777	1.56	S21020511.D
2-Methylnaphthalene	91-57-6	**32.4**		11.489	1.64	S21020511.D
≠**TPH C4-C9**		**8,350**		4.810	423	S21020511.D
≠**TPH C10-C15**		**3,480**		8.209	361	S21020511.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-08

PSG 6
Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Vinyl Chloride	75-01-4	**112**	D	1.604	6.37	S21020808.D
1,1-Dichloroethene	75-35-4	**18.1**		2.190	1.51	S21020512.D
trans-1,2-Dichloroethene	156-60-5	**341**	D	2.603	11.7	S21020808.D
cis-1,2-Dichloroethene	156-59-2	**482**	D	3.227	9.73	S21020808.D
Benzene	71-43-2	**65.7**		3.844	2.35	S21020512.D
Trichloroethene	79-01-6	**331**	D	4.371	15.6	S21020808.D
Toluene	108-88-3	**64.0**		5.584	3.12	S21020512.D
Tetrachloroethene	127-18-4	**47.1**		6.113	1.22	S21020512.D
Ethylbenzene	100-41-4	**32.5**		7.137	1.47	S21020512.D
p & m-Xylene	179601-23-1	**110**	D	7.264	14.6	S21020808.D
o-Xylene	95-47-6	**40.3**		7.620	1.42	S21020512.D
Isopropylbenzene	98-82-8	**1.99**		7.963	1.50	S21020512.D
1,3,5-Trimethylbenzene	108-67-8	**3.89**		8.505	1.50	S21020512.D
1,2,4-Trimethylbenzene	95-63-6	**8.77**		8.817	1.50	S21020512.D
Naphthalene	91-20-3	**3.52**		10.777	1.56	S21020512.D
2-Methylnaphthalene	91-57-6	**16.4**		11.489	1.64	S21020512.D
≤**TPH C4-C9**		**22,200**		4.810	423	S21020512.D
≤**TPH C10-C15**		**4,060**		8.209	361	S21020512.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-09

PSG 7
Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Vinyl Chloride	75-01-4	**53.0**		1.607	0.62	S21020513.D
1,1-Dichloroethene	75-35-4	**5.76**		2.190	1.51	S21020513.D
trans-1,2-Dichloroethene	156-60-5	**45.2**		2.606	1.13	S21020513.D
cis-1,2-Dichloroethene	156-59-2	**172**	D	3.236	9.73	S21020809.D
Benzene	71-43-2	**5.97**		3.841	2.35	S21020513.D
Trichloroethene	79-01-6	**26.0**		4.371	1.51	S21020513.D
Tetrachloroethene	127-18-4	**4.75**		6.113	1.22	S21020513.D
Ethylbenzene	100-41-4	**25.3**		7.138	1.47	S21020513.D
p & m-Xylene	179601-23-1	**115**	D	7.263	14.6	S21020809.D
o-Xylene	95-47-6	**29.9**		7.620	1.42	S21020513.D
1,2,4-Trimethylbenzene	95-63-6	**2.23**		8.817	1.50	S21020513.D
2-Methylnaphthalene	91-57-6	**2.21**		11.594	1.64	S21020513.D
≤**TPH C4-C9**		**4,120**		4.810	423	S21020513.D
≤**TPH C10-C15**		**722**		8.209	361	S21020513.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-10 — **PSG 8** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Vinyl Chloride	75-01-4	**301**	D	1.610	6.37	S21020810.D
1,1-Dichloroethene	75-35-4	**16.0**		2.193	1.51	S21020514.D
trans-1,2-Dichloroethene	156-60-5	**164**	D	2.606	11.7	S21020810.D
cis-1,2-Dichloroethene	156-59-2	**735**	D	3.230	9.73	S21020810.D
Benzene	71-43-2	**30.5**		3.841	2.35	S21020514.D
Trichloroethene	79-01-6	**31.6**		4.371	1.51	S21020514.D
Toluene	108-88-3	**25.1**		5.581	3.12	S21020514.D
Tetrachloroethene	127-18-4	**3.10**		6.113	1.22	S21020514.D
Ethylbenzene	100-41-4	**36.1**		7.137	1.47	S21020514.D
p & m-Xylene	179601-23-1	**150**	D	7.264	14.7	S21020810.D
o-Xylene	95-47-6	**48.1**		7.620	1.42	S21020514.D
1,3,5-Trimethylbenzene	108-67-8	**2.43**		8.505	1.50	S21020514.D
1,2,4-Trimethylbenzene	95-63-6	**5.62**		8.817	1.50	S21020514.D
Naphthalene	91-20-3	**3.23**		10.780	1.56	S21020514.D
2-Methylnaphthalene	91-57-6	**21.3**		11.489	1.64	S21020514.D
≤**TPH C4-C9**		**16,300**		4.810	423	S21020514.D
≤**TPH C10-C15**		**3,530**		8.209	361	S21020514.D

Lab Sample ID: 0005610-11 — **PSG 9** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
cis-1,2-Dichloroethene	156-59-2	**1.93**		3.230	0.94	S21020515.D
Benzene	71-43-2	**5.11**		3.844	2.34	S21020515.D
Trichloroethene	79-01-6	**24.2**		4.371	1.50	S21020515.D
Toluene	108-88-3	**4.22**		5.581	3.10	S21020515.D
Tetrachloroethene	127-18-4	**63.3**		6.113	1.21	S21020515.D
p & m-Xylene	179601-23-1	**1.96**		7.264	1.41	S21020515.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-12 — **PSG 10** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Benzene	71-43-2	**4.12**		3.844	2.35	S21020516.D
Trichloroethene	79-01-6	**5.33**		4.371	1.51	S21020516.D
Toluene	108-88-3	**5.43**		5.581	3.12	S21020516.D
Tetrachloroethene	127-18-4	**13.2**		6.116	1.22	S21020516.D
Ethylbenzene	100-41-4	**96.2**	D	7.138	15.2	S21020811.D
p & m-Xylene	179601-23-1	**410**	D	7.264	14.7	S21020811.D
o-Xylene	95-47-6	**150**	D	7.620	14.7	S21020811.D
Isopropylbenzene	98-82-8	**2.28**		7.963	1.50	S21020516.D
1,3,5-Trimethylbenzene	108-67-8	**4.00**		8.502	1.50	S21020516.D
1,2,4-Trimethylbenzene	95-63-6	**7.84**		8.817	1.50	S21020516.D
≤**TPH C4-C9**		**6,170**		4.810	423	S21020516.D
≤**TPH C10-C15**		**963**		8.209	362	S21020516.D

Lab Sample ID: 0005610-13 — **PSG 11** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
cis-1,2-Dichloroethene	156-59-2	**1.60**		3.233	0.94	S21020517.D
Trichloroethene	79-01-6	**27.7**		4.371	1.51	S21020517.D
Tetrachloroethene	127-18-4	**78.2**		6.117	1.22	S21020517.D
Ethylbenzene	100-41-4	**22.5**		7.138	1.47	S21020517.D
p & m-Xylene	179601-23-1	**106**	D	7.260	14.7	S21020812.D
o-Xylene	95-47-6	**39.7**		7.620	1.42	S21020517.D
1,3,5-Trimethylbenzene	108-67-8	**1.64**		8.502	1.50	S21020517.D
1,2,4-Trimethylbenzene	95-63-6	**3.63**		8.817	1.50	S21020517.D
≤**TPH C4-C9**		**1,690**		4.810	423	S21020517.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-14 — **PSG 12** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
cis-1,2-Dichloroethene	156-59-2	**1.80**		3.230	0.94	S21020518.D
Trichloroethene	79-01-6	**220**	D	4.374	15.6	S21020813.D
Tetrachloroethene	127-18-4	**3,900**	D	6.113	103	S21020906.D
Ethylbenzene	100-41-4	**20.4**		7.138	1.47	S21020518.D
p & m-Xylene	179601-23-1	**94.3**	D	7.264	14.7	S21020813.D
o-Xylene	95-47-6	**33.6**		7.620	1.42	S21020518.D
1,3,5-Trimethylbenzene	108-67-8	**1.77**		8.505	1.50	S21020518.D
1,2,4-Trimethylbenzene	95-63-6	**4.17**		8.817	1.50	S21020518.D
2-Methylnaphthalene	91-57-6	**10.3**		11.490	1.64	S21020518.D
≤**TPH C10-C15**		**885**		8.209	362	S21020518.D

Lab Sample ID: 0005610-15 — **PSG 13** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Benzene	71-43-2	**4.22**		3.841	2.35	S21020519.D
Trichloroethene	79-01-6	**39.4**		4.374	1.51	S21020519.D
Toluene	108-88-3	**3.65**		5.581	3.12	S21020519.D
Tetrachloroethene	127-18-4	**3,420**	D	6.113	103	S21020907.D
Ethylbenzene	100-41-4	**24.7**		7.137	1.47	S21020519.D
p & m-Xylene	179601-23-1	**111**	D	7.264	14.7	S21020814.D
o-Xylene	95-47-6	**48.4**		7.620	1.42	S21020519.D
1,3,5-Trimethylbenzene	108-67-8	**2.63**		8.505	1.50	S21020519.D
1,2,4-Trimethylbenzene	95-63-6	**5.79**		8.817	1.50	S21020519.D
≤**TPH C10-C15**		**529**		8.209	362	S21020519.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-16 — **PSG 14** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
cis-1,2-Dichloroethene	156-59-2	**1.01**		3.227	0.94	S21020520.D
Benzene	71-43-2	**3.13**		3.838	2.35	S21020520.D
Tetrachloroethene	127-18-4	**3.94**		6.113	1.22	S21020520.D
Ethylbenzene	100-41-4	**19.1**		7.138	1.47	S21020520.D
p & m-Xylene	179601-23-1	**77.6**	D	7.261	14.7	S21020815.D
o-Xylene	95-47-6	**25.6**		7.620	1.42	S21020520.D
1,2,4-Trimethylbenzene	95-63-6	**2.00**		8.817	1.50	S21020520.D
≠**TPH C4-C9**		**1,310**		4.810	423	S21020520.D

Lab Sample ID: 0005610-17 — **PSG 15** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Benzene	71-43-2	**2.77**		3.844	2.35	S21020521.D
Trichloroethene	79-01-6	**14.1**		4.371	1.51	S21020521.D
1,4-Dioxane	123-91-1	**14.4**		4.673	1.22	S21020521.D
Tetrachloroethene	127-18-4	**24.4**		6.113	1.22	S21020521.D
Ethylbenzene	100-41-4	**37.4**		7.137	1.47	S21020521.D
p & m-Xylene	179601-23-1	**168**	D	7.264	14.6	S21020816.D
o-Xylene	95-47-6	**63.0**	D	7.620	14.6	S21020816.D
1,3,5-Trimethylbenzene	108-67-8	**2.19**		8.502	1.50	S21020521.D
1,2,4-Trimethylbenzene	95-63-6	**4.90**		8.817	1.50	S21020521.D
≠**TPH C4-C9**		**2,750**		4.810	423	S21020521.D
≠**TPH C10-C15**		**390**		8.209	361	S21020521.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-18 — **PSG 16** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Trichloroethene	79-01-6	**12.8**		4.374	1.51	S21020522.D
Tetrachloroethene	127-18-4	**84.8**		6.113	1.22	S21020522.D
Ethylbenzene	100-41-4	**12.6**		7.138	1.47	S21020522.D
p & m-Xylene	179601-23-1	**54.0**		7.264	1.42	S21020522.D
o-Xylene	95-47-6	**20.6**		7.620	1.42	S21020522.D
1,2,4-Trimethylbenzene	95-63-6	**1.82**		8.817	1.50	S21020522.D
≠**TPH C4-C9**		**1,020**		4.810	423	S21020522.D

Lab Sample ID: 0005610-19 — **PSG 17** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
1,1-Dichloroethene	75-35-4	**7.82**		2.190	1.51	S21020523.D
trans-1,2-Dichloroethene	156-60-5	**6.80**		2.603	1.13	S21020523.D
cis-1,2-Dichloroethene	156-59-2	**40.8**		3.230	0.94	S21020523.D
Trichloroethene	79-01-6	**901**	D	4.374	15.6	S21020817.D
Tetrachloroethene	127-18-4	**976**	D	6.113	12.6	S21020817.D
Ethylbenzene	100-41-4	**15.7**		7.138	1.47	S21020523.D
p & m-Xylene	179601-23-1	**72.4**	D	7.263	14.6	S21020817.D
o-Xylene	95-47-6	**29.0**		7.620	1.42	S21020523.D
1,2,4-Trimethylbenzene	95-63-6	**2.83**		8.817	1.50	S21020523.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-20 — **PSG 18** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
trans-1,2-Dichloroethene	156-60-5	**1.30**		2.606	1.13	S21020524.D
cis-1,2-Dichloroethene	156-59-2	**1.48**		3.227	0.94	S21020524.D
Trichloroethene	79-01-6	**50.4**		4.374	1.51	S21020524.D
Tetrachloroethene	127-18-4	**217**	D	6.110	12.5	S21020818.D
Ethylbenzene	100-41-4	**3.80**		7.137	1.46	S21020524.D
p & m-Xylene	179601-23-1	**15.2**		7.263	1.41	S21020524.D
o-Xylene	95-47-6	**5.34**		7.620	1.41	S21020524.D
1,2,4-Trimethylbenzene	95-63-6	**2.47**		8.817	1.50	S21020524.D
≠**TPH C4-C9**		**1,390**		4.810	422	S21020524.D

Lab Sample ID: 0005610-21 — **PSG 19** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Benzene	71-43-2	**3.61**		3.844	2.35	S21020525.D
Trichloroethene	79-01-6	**56.8**		4.374	1.51	S21020525.D
Toluene	108-88-3	**3.68**		5.581	3.11	S21020525.D
Tetrachloroethene	127-18-4	**1,260**	D	6.113	103	S21020908.D
Ethylbenzene	100-41-4	**102**	D	7.138	15.1	S21020819.D
p & m-Xylene	179601-23-1	**435**	D	7.264	14.6	S21020819.D
o-Xylene	95-47-6	**159**	D	7.620	14.6	S21020819.D
Isopropylbenzene	98-82-8	**3.01**		7.963	1.50	S21020525.D
1,3,5-Trimethylbenzene	108-67-8	**6.57**		8.505	1.50	S21020525.D
1,2,4-Trimethylbenzene	95-63-6	**17.6**		8.817	1.50	S21020525.D
Naphthalene	91-20-3	**2.98**		10.777	1.56	S21020525.D
≠**TPH C4-C9**		**7,080**		4.810	422	S21020525.D
≠**TPH C10-C15**		**2,040**		8.209	361	S21020525.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-22 — **PSG 20** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
1,1-Dichloroethene	75-35-4	**4.01**		2.190	1.51	S21020526.D
trans-1,2-Dichloroethene	156-60-5	**4.02**		2.606	1.13	S21020526.D
cis-1,2-Dichloroethene	156-59-2	**26.6**		3.227	0.94	S21020526.D
Benzene	71-43-2	**2.67**		3.844	2.35	S21020526.D
Trichloroethene	79-01-6	**767**	D	4.374	15.6	S21020820.D
Tetrachloroethene	127-18-4	**4,600**	D	6.113	103	S21020909.D
Ethylbenzene	100-41-4	**29.9**		7.137	1.47	S21020526.D
p & m-Xylene	179601-23-1	**114**	D	7.263	14.7	S21020820.D
o-Xylene	95-47-6	**35.1**		7.620	1.42	S21020526.D
1,2,4-Trimethylbenzene	95-63-6	**3.15**		8.817	1.50	S21020526.D
≤**TPH C10-C15**		**380**		8.209	362	S21020526.D

Lab Sample ID: 0005610-23 — **PSG 21** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
1,1-Dichloroethene	75-35-4	**1.72**		2.200	1.51	S21020527.D
trans-1,2-Dichloroethene	156-60-5	**1.87**		2.615	1.13	S21020527.D
cis-1,2-Dichloroethene	156-59-2	**12.5**		3.236	0.94	S21020527.D
Trichloroethene	79-01-6	**486**	D	4.371	15.6	S21020821.D
Tetrachloroethene	127-18-4	**7,490**	D	6.116	103	S21020910.D
Ethylbenzene	100-41-4	**38.8**		7.141	1.47	S21020527.D
p & m-Xylene	179601-23-1	**192**	D	7.263	14.6	S21020821.D
o-Xylene	95-47-6	**75.1**	D	7.620	14.6	S21020821.D
1,3,5-Trimethylbenzene	108-67-8	**3.21**		8.505	1.50	S21020527.D
1,2,4-Trimethylbenzene	95-63-6	**10.7**		8.817	1.50	S21020527.D
≤**TPH C10-C15**		**416**		8.209	361	S21020527.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-24 — **PSG 22** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
cis-1,2-Dichloroethene	156-59-2	**2.15**		3.227	0.94	S21020528.D
Chloroform	67-66-3	**1.61**		3.463	1.42	S21020528.D
Benzene	71-43-2	**4.23**		3.844	2.35	S21020528.D
Trichloroethene	79-01-6	**93.1**	D	4.377	15.6	S21020822.D
Tetrachloroethene	127-18-4	**9,710**	D	6.113	945	S21020934.D
Ethylbenzene	100-41-4	**67.6**	D	7.138	15.2	S21020822.D
p & m-Xylene	179601-23-1	**368**	D	7.264	14.6	S21020822.D
o-Xylene	95-47-6	**180**	D	7.620	14.6	S21020822.D
Isopropylbenzene	98-82-8	**5.29**		7.963	1.50	S21020528.D
1,3,5-Trimethylbenzene	108-67-8	**15.8**		8.505	1.50	S21020528.D
1,2,4-Trimethylbenzene	95-63-6	**43.7**		8.817	1.50	S21020528.D
⋐**TPH C4-C9**		**4,070**		4.810	422	S21020528.D
⋐**TPH C10-C15**		**1,230**		8.209	361	S21020528.D

Lab Sample ID: 0005610-25 — **PSG 23** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
cis-1,2-Dichloroethene	156-59-2	**1.57**		3.230	0.94	S21020529.D
Trichloroethene	79-01-6	**47.0**		4.371	1.51	S21020529.D
1,4-Dioxane	123-91-1	**22.8**		4.661	1.22	S21020529.D
Tetrachloroethene	127-18-4	**428**	D	6.113	12.6	S21020823.D
Ethylbenzene	100-41-4	**118**	D	7.138	15.2	S21020823.D
p & m-Xylene	179601-23-1	**647**	D	7.260	120	S21020912.D
o-Xylene	95-47-6	**354**	D	7.620	14.6	S21020823.D
Isopropylbenzene	98-82-8	**6.14**		7.963	1.50	S21020529.D
1,3,5-Trimethylbenzene	108-67-8	**24.4**		8.505	1.50	S21020529.D
1,2,4-Trimethylbenzene	95-63-6	**74.1**	D	8.817	15.5	S21020823.D
⋐**TPH C4-C9**		**5,940**		4.810	422	S21020529.D
⋐**TPH C10-C15**		**1,770**		8.209	361	S21020529.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-26 — **PSG 24** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
1,1-Dichloroethene	75-35-4	**2.56**		2.187	1.51	S21020530.D
trans-1,2-Dichloroethene	156-60-5	**2.05**		2.603	1.13	S21020530.D
cis-1,2-Dichloroethene	156-59-2	**9.51**		3.227	0.94	S21020530.D
Trichloroethene	79-01-6	**924**	D	4.374	15.6	S21020824.D
Tetrachloroethene	127-18-4	**15,600**	D	6.113	946	S21020935.D
Ethylbenzene	100-41-4	**9.06**		7.138	1.47	S21020530.D
p & m-Xylene	179601-23-1	**35.7**		7.264	1.42	S21020530.D
o-Xylene	95-47-6	**13.1**		7.620	1.42	S21020530.D
1,2,4-Trimethylbenzene	95-63-6	**2.28**		8.817	1.50	S21020530.D

Lab Sample ID: 0005610-27 — **PSG 25** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Chloroform	67-66-3	**2.39**		3.457	1.42	S21020806.D
Trichloroethene	79-01-6	**1.84**		4.371	1.51	S21020806.D
Tetrachloroethene	127-18-4	**11.4**		6.110	1.21	S21020806.D

Lab Sample ID: 0005610-28 — **PSG 26** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Chloroform	67-66-3	**4.98**		3.460	1.42	S21020532.D
Tetrachloroethene	127-18-4	**3.41**		6.113	1.21	S21020532.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-29 — **PSG 27** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Tetrachloroethene	127-18-4	**2.07**		6.113	1.21	S21020533.D

Lab Sample ID: 0005610-32 — **PSG 30** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Chloroform	67-66-3	**2.16**		3.460	1.42	S21020536.D
Tetrachloroethene	127-18-4	**1.97**		6.113	1.21	S21020536.D

Lab Sample ID: 0005610-33 — **PSG 31** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Chloroform	67-66-3	**6.62**		3.460	1.42	S21020537.D
Tetrachloroethene	127-18-4	**4.58**		6.113	1.21	S21020537.D

Lab Sample ID: 0005610-34 — **PSG 32** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Trichloroethene	79-01-6	**4.21**		4.371	1.51	S21020538.D
Tetrachloroethene	127-18-4	**78.0**		6.113	1.21	S21020538.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-35 — **PSG 33** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
1,1-Dichloroethene	75-35-4	**2.06**		2.193	1.51	S21020539.D
trans-1,2-Dichloroethene	156-60-5	**2.53**		2.606	1.13	S21020539.D
cis-1,2-Dichloroethene	156-59-2	**12.7**		3.227	0.94	S21020539.D
Trichloroethene	79-01-6	**144**	D	4.371	15.6	S21020825.D
Tetrachloroethene	127-18-4	**538**	D	6.110	12.6	S21020825.D
TPH C10-C15		**407**		8.209	361	S21020539.D

Lab Sample ID: 0005610-36 — **PSG 34** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
cis-1,2-Dichloroethene	156-59-2	**1.17**		3.227	0.94	S21020540.D
Benzene	71-43-2	**3.88**		3.844	2.35	S21020540.D
Trichloroethene	79-01-6	**71.4**		4.374	1.51	S21020540.D
Tetrachloroethene	127-18-4	**931**	D	6.113	12.6	S21020826.D

Lab Sample ID: 0005610-37 — **PSG 35** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Trichloroethene	79-01-6	**15.2**		4.374	1.51	S21020541.D
Tetrachloroethene	127-18-4	**145**	D	6.110	12.5	S21020827.D

Lab Sample ID: 0005610-38 — **PSG 36** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Chloroform	67-66-3	**2.41**		3.460	1.42	S21020542.D
Tetrachloroethene	127-18-4	**9.24**		6.117	1.21	S21020542.D

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119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Summary of Compound Detections- Concentration

Lab Sample ID: 0005610-39 — **PSG 37** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
Tetrachloroethene	127-18-4	**4.60**		6.117	1.21	S21020543.D

Lab Sample ID: 0005610-42 — **PSG 20 Dup** — Soil Gas — Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	RT	LOQ (µg/m³)	File ID
cis-1,2-Dichloroethene	156-59-2	**8.21**		3.230	0.94	S21020805.D
Benzene	71-43-2	**2.81**		3.844	2.35	S21020805.D
Trichloroethene	79-01-6	**231**	D	4.374	15.6	S21020905.D
Toluene	108-88-3	**3.12**		5.584	3.12	S21020805.D
Tetrachloroethene	127-18-4	**4,890**	D	6.110	103	S21020933.D
Ethylbenzene	100-41-4	**23.0**		7.137	1.47	S21020805.D
p & m-Xylene	179601-23-1	**86.9**	D	7.260	14.7	S21020905.D
o-Xylene	95-47-6	**29.5**		7.620	1.42	S21020805.D
1,2,4-Trimethylbenzene	95-63-6	**3.04**		8.817	1.50	S21020805.D
≠**TPH C10-C15**		**377**		8.209	362	S21020805.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Data Summary Table- Mass

Compound	Frequency	LOQ (ng)	Max Value (ng)
Vinyl Chloride	7	10	4,890
1,1-Dichloroethene	11	10	120
trans-1,2-Dichloroethene	14	10	3,010
1,1-Dichloroethane	1	10	20
cis-1,2-Dichloroethene	21	10	7,810
Chloroform	6	10	47
Benzene	17	25	699
Trichloroethene	28	10	6,120
1,4-Dioxane	2	10	187
Toluene	11	25	514
Tetrachloroethene	33	10	128,000
Ethylbenzene	23	25	3,250
p & m-Xylene	24	25	11,400
o-Xylene	23	25	6,250
Isopropylbenzene	8	25	102
1,3,5-Trimethylbenzene	16	25	407
1,2,4-Trimethylbenzene	23	25	1,230
Naphthalene	5	25	84
2-Methylnaphthalene	9	25	494
TPH C4-C9	17	5,000	263,000
TPH C10-C15	18	5,000	57,000

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119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Data Summary Table- Concentration

Compound	Frequency	LOQ (µg/m³)	Max Value (µg/m³)
Vinyl Chloride	7	0.610	301
1,1-Dichloroethene	11	1.51	18.1
trans-1,2-Dichloroethene	14	1.13	341
1,1-Dichloroethane	1	0.590	1.15
cis-1,2-Dichloroethene	21	0.940	735
Chloroform	6	1.42	6.62
Benzene	17	2.34	65.7
Trichloroethene	28	1.50	924
1,4-Dioxane	2	1.22	22.8
Toluene	11	3.10	64.0
Tetrachloroethene	33	1.21	15,600
Ethylbenzene	23	1.46	191
p & m-Xylene	24	1.41	647
o-Xylene	23	1.41	354
Isopropylbenzene	8	1.50	6.14
1,3,5-Trimethylbenzene	16	1.50	24.4
1,2,4-Trimethylbenzene	23	1.50	74.1
Naphthalene	5	1.56	5.23
2-Methylnaphthalene	9	1.64	32.4
TPH C4-C9	17	422	22,200
TPH C10-C15	18	361	4,110

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Detailed Analytical Results

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Detailed Analytical Results- Mass

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-01

Trip 1

Air

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 13:30	S21020505.D
1,1-Dichloroethene	75-35-4	<10		10	02/05/2021 13:30	S21020505.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 13:30	S21020505.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/05/2021 13:30	S21020505.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 13:30	S21020505.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 13:30	S21020505.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/05/2021 13:30	S21020505.D
Chloroform	67-66-3	<10		10	02/05/2021 13:30	S21020505.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 13:30	S21020505.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 13:30	S21020505.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 13:30	S21020505.D
Benzene	71-43-2	<25		25	02/05/2021 13:30	S21020505.D
Trichloroethene	79-01-6	<10		10	02/05/2021 13:30	S21020505.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 13:30	S21020505.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 13:30	S21020505.D
Toluene	108-88-3	<25		25	02/05/2021 13:30	S21020505.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 13:30	S21020505.D
Tetrachloroethene	127-18-4	<10		10	02/05/2021 13:30	S21020505.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 13:30	S21020505.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 13:30	S21020505.D
Ethylbenzene	100-41-4	<25		25	02/05/2021 13:30	S21020505.D
p & m-Xylene	179601-23-1	<25		25	02/05/2021 13:30	S21020505.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 13:30	S21020505.D
o-Xylene	95-47-6	<25		25	02/05/2021 13:30	S21020505.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 13:30	S21020505.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 13:30	S21020505.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/05/2021 13:30	S21020505.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/05/2021 13:30	S21020505.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 13:30	S21020505.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 13:30	S21020505.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 13:30	S21020505.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 13:30	S21020505.D
Naphthalene	91-20-3	<25		25	02/05/2021 13:30	S21020505.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 13:30	S21020505.D
2-Methylnaphthalene	91-57-6	<25		25	02/05/2021 13:30	S21020505.D
∉ TPH C4-C9		<5,000		5,000	02/05/2021 13:30	S21020505.D
∉ TPH C10-C15		<5,000		5,000	02/05/2021 13:30	S21020505.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-02

Trip 2

Air

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 13:53	S21020506.D
1,1-Dichloroethene	75-35-4	<10		10	02/05/2021 13:53	S21020506.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 13:53	S21020506.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/05/2021 13:53	S21020506.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 13:53	S21020506.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 13:53	S21020506.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/05/2021 13:53	S21020506.D
Chloroform	67-66-3	<10		10	02/05/2021 13:53	S21020506.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 13:53	S21020506.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 13:53	S21020506.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 13:53	S21020506.D
Benzene	71-43-2	<25		25	02/05/2021 13:53	S21020506.D
Trichloroethene	79-01-6	<10		10	02/05/2021 13:53	S21020506.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 13:53	S21020506.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 13:53	S21020506.D
Toluene	108-88-3	<25		25	02/05/2021 13:53	S21020506.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 13:53	S21020506.D
Tetrachloroethene	127-18-4	<10		10	02/05/2021 13:53	S21020506.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 13:53	S21020506.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 13:53	S21020506.D
Ethylbenzene	100-41-4	<25		25	02/05/2021 13:53	S21020506.D
p & m-Xylene	179601-23-1	<25		25	02/05/2021 13:53	S21020506.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 13:53	S21020506.D
o-Xylene	95-47-6	<25		25	02/05/2021 13:53	S21020506.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 13:53	S21020506.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 13:53	S21020506.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/05/2021 13:53	S21020506.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/05/2021 13:53	S21020506.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 13:53	S21020506.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 13:53	S21020506.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 13:53	S21020506.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 13:53	S21020506.D
Naphthalene	91-20-3	<25		25	02/05/2021 13:53	S21020506.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 13:53	S21020506.D
2-Methylnaphthalene	91-57-6	<25		25	02/05/2021 13:53	S21020506.D
∉ TPH C4-C9		<5,000		5,000	02/05/2021 13:53	S21020506.D
∉ TPH C10-C15		<5,000		5,000	02/05/2021 13:53	S21020506.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-03

PSG 1

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	**25**		10	02/05/2021 14:20	S21020507.D
1,1-Dichloroethene	75-35-4	**22**		10	02/05/2021 14:20	S21020507.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 14:20	S21020507.D
trans-1,2-Dichloroethene	156-60-5	**311**		10	02/05/2021 14:20	S21020507.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 14:20	S21020507.D
1,1-Dichloroethane	75-34-3	**20**		10	02/05/2021 14:20	S21020507.D
cis-1,2-Dichloroethene	156-59-2	**4,620**	D	103	02/06/2021 08:10	S21020546.D
Chloroform	67-66-3	<10		10	02/05/2021 14:20	S21020507.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 14:20	S21020507.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 14:20	S21020507.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 14:20	S21020507.D
Benzene	71-43-2	**70**		25	02/05/2021 14:20	S21020507.D
Trichloroethene	79-01-6	**259**		10	02/05/2021 14:20	S21020507.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 14:20	S21020507.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 14:20	S21020507.D
Toluene	108-88-3	**83**		25	02/05/2021 14:20	S21020507.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 14:20	S21020507.D
Tetrachloroethene	127-18-4	**233**		10	02/05/2021 14:20	S21020507.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 14:20	S21020507.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 14:20	S21020507.D
Ethylbenzene	100-41-4	**1,550**	D	259	02/06/2021 08:10	S21020546.D
p & m-Xylene	179601-23-1	**5,990**	D	259	02/06/2021 08:10	S21020546.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 14:20	S21020507.D
o-Xylene	95-47-6	**2,420**	D	259	02/06/2021 08:10	S21020546.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 14:20	S21020507.D
Isopropylbenzene	98-82-8	**44**		25	02/05/2021 14:20	S21020507.D
1,3,5-Trimethylbenzene	108-67-8	**77**		25	02/05/2021 14:20	S21020507.D
1,2,4-Trimethylbenzene	95-63-6	**173**		25	02/05/2021 14:20	S21020507.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 14:20	S21020507.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 14:20	S21020507.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 14:20	S21020507.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 14:20	S21020507.D
Naphthalene	91-20-3	<25		25	02/05/2021 14:20	S21020507.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 14:20	S21020507.D
2-Methylnaphthalene	91-57-6	**94**		25	02/05/2021 14:20	S21020507.D
≠ **TPH C4-C9**		**73,400**		5,000	02/05/2021 14:20	S21020507.D
≠ **TPH C10-C15**		**26,100**		5,000	02/05/2021 14:20	S21020507.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-04

PSG 2

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 14:48	S21020508.D
1,1-Dichloroethene	75-35-4	<10		10	02/05/2021 14:48	S21020508.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 14:48	S21020508.D
trans-1,2-Dichloroethene	156-60-5	**32**		10	02/05/2021 14:48	S21020508.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 14:48	S21020508.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 14:48	S21020508.D
cis-1,2-Dichloroethene	156-59-2	**412**		10	02/05/2021 14:48	S21020508.D
Chloroform	67-66-3	<10		10	02/05/2021 14:48	S21020508.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 14:48	S21020508.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 14:48	S21020508.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 14:48	S21020508.D
Benzene	71-43-2	**109**		25	02/05/2021 14:48	S21020508.D
Trichloroethene	79-01-6	**116**		10	02/05/2021 14:48	S21020508.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 14:48	S21020508.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 14:48	S21020508.D
Toluene	108-88-3	**126**		25	02/05/2021 14:48	S21020508.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 14:48	S21020508.D
Tetrachloroethene	127-18-4	**126**		10	02/05/2021 14:48	S21020508.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 14:48	S21020508.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 14:48	S21020508.D
Ethylbenzene	100-41-4	**1,620**	D	259	02/06/2021 08:37	S21020547.D
p & m-Xylene	179601-23-1	**6,690**	D	259	02/06/2021 08:37	S21020547.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 14:48	S21020508.D
o-Xylene	95-47-6	**2,200**	D	259	02/06/2021 08:37	S21020547.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 14:48	S21020508.D
Isopropylbenzene	98-82-8	**37**		25	02/05/2021 14:48	S21020508.D
1,3,5-Trimethylbenzene	108-67-8	**83**		25	02/05/2021 14:48	S21020508.D
1,2,4-Trimethylbenzene	95-63-6	**208**		25	02/05/2021 14:48	S21020508.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 14:48	S21020508.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 14:48	S21020508.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 14:48	S21020508.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 14:48	S21020508.D
Naphthalene	91-20-3	<25		25	02/05/2021 14:48	S21020508.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 14:48	S21020508.D
2-Methylnaphthalene	91-57-6	**96**		25	02/05/2021 14:48	S21020508.D
∉ **TPH C4-C9**		**106,000**		5,000	02/05/2021 14:48	S21020508.D
∉ **TPH C10-C15**		**24,500**		5,000	02/05/2021 14:48	S21020508.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-05

PSG 3

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	**180**		10	02/05/2021 15:15	S21020509.D
1,1-Dichloroethene	75-35-4	**10**		10	02/05/2021 15:15	S21020509.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 15:15	S21020509.D
trans-1,2-Dichloroethene	156-60-5	**132**		10	02/05/2021 15:15	S21020509.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 15:15	S21020509.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 15:15	S21020509.D
cis-1,2-Dichloroethene	156-59-2	**310**		10	02/05/2021 15:15	S21020509.D
Chloroform	67-66-3	<10		10	02/05/2021 15:15	S21020509.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 15:15	S21020509.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 15:15	S21020509.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 15:15	S21020509.D
Benzene	71-43-2	**150**		25	02/05/2021 15:15	S21020509.D
Trichloroethene	79-01-6	**116**		10	02/05/2021 15:15	S21020509.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 15:15	S21020509.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 15:15	S21020509.D
Toluene	108-88-3	**78**		25	02/05/2021 15:15	S21020509.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 15:15	S21020509.D
Tetrachloroethene	127-18-4	<10		10	02/05/2021 15:15	S21020509.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 15:15	S21020509.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 15:15	S21020509.D
Ethylbenzene	100-41-4	**3,250**	D	259	02/06/2021 09:04	S21020548.D
p & m-Xylene	179601-23-1	**1,270**	D	259	02/08/2021 13:55	S21020807.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 15:15	S21020509.D
o-Xylene	95-47-6	**5,540**	D	259	02/06/2021 09:04	S21020548.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 15:15	S21020509.D
Isopropylbenzene	98-82-8	**96**		25	02/05/2021 15:15	S21020509.D
1,3,5-Trimethylbenzene	108-67-8	**233**		25	02/05/2021 15:15	S21020509.D
1,2,4-Trimethylbenzene	95-63-6	**565**		25	02/05/2021 15:15	S21020509.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 15:15	S21020509.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 15:15	S21020509.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 15:15	S21020509.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 15:15	S21020509.D
Naphthalene	91-20-3	**29**		25	02/05/2021 15:15	S21020509.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 15:15	S21020509.D
2-Methylnaphthalene	91-57-6	**97**		25	02/05/2021 15:15	S21020509.D
≤ **TPH C4-C9**		**109,000**		5,000	02/05/2021 15:15	S21020509.D
≤ **TPH C10-C15**		**57,000**		5,000	02/05/2021 15:15	S21020509.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-06

PSG 4

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	**20**		10	02/05/2021 15:43	S21020510.D
1,1-Dichloroethene	75-35-4	<10		10	02/05/2021 15:43	S21020510.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 15:43	S21020510.D
trans-1,2-Dichloroethene	156-60-5	**19**		10	02/05/2021 15:43	S21020510.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 15:43	S21020510.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 15:43	S21020510.D
cis-1,2-Dichloroethene	156-59-2	**79**		10	02/05/2021 15:43	S21020510.D
Chloroform	67-66-3	<10		10	02/05/2021 15:43	S21020510.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 15:43	S21020510.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 15:43	S21020510.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 15:43	S21020510.D
Benzene	71-43-2	**140**		25	02/05/2021 15:43	S21020510.D
Trichloroethene	79-01-6	**42**		10	02/05/2021 15:43	S21020510.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 15:43	S21020510.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 15:43	S21020510.D
Toluene	108-88-3	**77**		25	02/05/2021 15:43	S21020510.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 15:43	S21020510.D
Tetrachloroethene	127-18-4	**31**		10	02/05/2021 15:43	S21020510.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 15:43	S21020510.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 15:43	S21020510.D
Ethylbenzene	100-41-4	**146**		25	02/05/2021 15:43	S21020510.D
p & m-Xylene	179601-23-1	**578**		25	02/05/2021 15:43	S21020510.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 15:43	S21020510.D
o-Xylene	95-47-6	**203**		25	02/05/2021 15:43	S21020510.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 15:43	S21020510.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 15:43	S21020510.D
1,3,5-Trimethylbenzene	108-67-8	**42**		25	02/05/2021 15:43	S21020510.D
1,2,4-Trimethylbenzene	95-63-6	**126**		25	02/05/2021 15:43	S21020510.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 15:43	S21020510.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 15:43	S21020510.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 15:43	S21020510.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 15:43	S21020510.D
Naphthalene	91-20-3	<25		25	02/05/2021 15:43	S21020510.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 15:43	S21020510.D
2-Methylnaphthalene	91-57-6	**65**		25	02/05/2021 15:43	S21020510.D
∉ **TPH C4-C9**		**58,200**		5,000	02/05/2021 15:43	S21020510.D
∉ **TPH C10-C15**		**27,600**		5,000	02/05/2021 15:43	S21020510.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-07

PSG 5

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	**242**		10	02/05/2021 16:10	S21020511.D
1,1-Dichloroethene	75-35-4	**17**		10	02/05/2021 16:10	S21020511.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 16:10	S21020511.D
trans-1,2-Dichloroethene	156-60-5	**96**		10	02/05/2021 16:10	S21020511.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 16:10	S21020511.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 16:10	S21020511.D
cis-1,2-Dichloroethene	156-59-2	**804**		10	02/05/2021 16:10	S21020511.D
Chloroform	67-66-3	<10		10	02/05/2021 16:10	S21020511.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 16:10	S21020511.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 16:10	S21020511.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 16:10	S21020511.D
Benzene	71-43-2	**196**		25	02/05/2021 16:10	S21020511.D
Trichloroethene	79-01-6	**52**		10	02/05/2021 16:10	S21020511.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 16:10	S21020511.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 16:10	S21020511.D
Toluene	108-88-3	**88**		25	02/05/2021 16:10	S21020511.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 16:10	S21020511.D
Tetrachloroethene	127-18-4	<10		10	02/05/2021 16:10	S21020511.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 16:10	S21020511.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 16:10	S21020511.D
Ethylbenzene	100-41-4	**246**		25	02/05/2021 16:10	S21020511.D
p & m-Xylene	179601-23-1	**988**		25	02/05/2021 16:10	S21020511.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 16:10	S21020511.D
o-Xylene	95-47-6	**333**		25	02/05/2021 16:10	S21020511.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 16:10	S21020511.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 16:10	S21020511.D
1,3,5-Trimethylbenzene	108-67-8	**33**		25	02/05/2021 16:10	S21020511.D
1,2,4-Trimethylbenzene	95-63-6	**93**		25	02/05/2021 16:10	S21020511.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 16:10	S21020511.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 16:10	S21020511.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 16:10	S21020511.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 16:10	S21020511.D
Naphthalene	91-20-3	**84**		25	02/05/2021 16:10	S21020511.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 16:10	S21020511.D
2-Methylnaphthalene	91-57-6	**494**		25	02/05/2021 16:10	S21020511.D
≠ **TPH C4-C9**		**98,800**		5,000	02/05/2021 16:10	S21020511.D
≠ **TPH C10-C15**		**48,100**		5,000	02/05/2021 16:10	S21020511.D

BEACON ENVIRONMENTAL

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Forest Hill, MD 21050 USA
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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-08

PSG 6

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	**1,810**	D	103	02/08/2021 14:22	S21020808.D
1,1-Dichloroethene	75-35-4	**120**		10	02/05/2021 16:38	S21020512.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 16:38	S21020512.D
trans-1,2-Dichloroethene	156-60-5	**3,010**	D	103	02/08/2021 14:22	S21020808.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 16:38	S21020512.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 16:38	S21020512.D
cis-1,2-Dichloroethene	156-59-2	**5,130**	D	103	02/08/2021 14:22	S21020808.D
Chloroform	67-66-3	<10		10	02/05/2021 16:38	S21020512.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 16:38	S21020512.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 16:38	S21020512.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 16:38	S21020512.D
Benzene	71-43-2	**699**		25	02/05/2021 16:38	S21020512.D
Trichloroethene	79-01-6	**2,190**	D	103	02/08/2021 14:22	S21020808.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 16:38	S21020512.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 16:38	S21020512.D
Toluene	108-88-3	**514**		25	02/05/2021 16:38	S21020512.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 16:38	S21020512.D
Tetrachloroethene	127-18-4	**387**		10	02/05/2021 16:38	S21020512.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 16:38	S21020512.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 16:38	S21020512.D
Ethylbenzene	100-41-4	**553**		25	02/05/2021 16:38	S21020512.D
p & m-Xylene	179601-23-1	**1,950**	D	259	02/08/2021 14:22	S21020808.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 16:38	S21020512.D
o-Xylene	95-47-6	**712**		25	02/05/2021 16:38	S21020512.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 16:38	S21020512.D
Isopropylbenzene	98-82-8	**33**		25	02/05/2021 16:38	S21020512.D
1,3,5-Trimethylbenzene	108-67-8	**65**		25	02/05/2021 16:38	S21020512.D
1,2,4-Trimethylbenzene	95-63-6	**146**		25	02/05/2021 16:38	S21020512.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 16:38	S21020512.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 16:38	S21020512.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 16:38	S21020512.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 16:38	S21020512.D
Naphthalene	91-20-3	**56**		25	02/05/2021 16:38	S21020512.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 16:38	S21020512.D
2-Methylnaphthalene	91-57-6	**250**		25	02/05/2021 16:38	S21020512.D
≤ **TPH C4-C9**		**263,000**		5,000	02/05/2021 16:38	S21020512.D
≤ **TPH C10-C15**		**56,200**		5,000	02/05/2021 16:38	S21020512.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-09

PSG 7

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	**861**		10	02/05/2021 17:05	S21020513.D
1,1-Dichloroethene	75-35-4	**38**		10	02/05/2021 17:05	S21020513.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 17:05	S21020513.D
trans-1,2-Dichloroethene	156-60-5	**399**		10	02/05/2021 17:05	S21020513.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 17:05	S21020513.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 17:05	S21020513.D
cis-1,2-Dichloroethene	156-59-2	**1,830**	D	103	02/08/2021 14:50	S21020809.D
Chloroform	67-66-3	<10		10	02/05/2021 17:05	S21020513.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 17:05	S21020513.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 17:05	S21020513.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 17:05	S21020513.D
Benzene	71-43-2	**63**		25	02/05/2021 17:05	S21020513.D
Trichloroethene	79-01-6	**172**		10	02/05/2021 17:05	S21020513.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 17:05	S21020513.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 17:05	S21020513.D
Toluene	108-88-3	<25		25	02/05/2021 17:05	S21020513.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 17:05	S21020513.D
Tetrachloroethene	127-18-4	**39**		10	02/05/2021 17:05	S21020513.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 17:05	S21020513.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 17:05	S21020513.D
Ethylbenzene	100-41-4	**431**		25	02/05/2021 17:05	S21020513.D
p & m-Xylene	179601-23-1	**2,030**	D	259	02/08/2021 14:50	S21020809.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 17:05	S21020513.D
o-Xylene	95-47-6	**528**		25	02/05/2021 17:05	S21020513.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 17:05	S21020513.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 17:05	S21020513.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/05/2021 17:05	S21020513.D
1,2,4-Trimethylbenzene	95-63-6	**37**		25	02/05/2021 17:05	S21020513.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 17:05	S21020513.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 17:05	S21020513.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 17:05	S21020513.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 17:05	S21020513.D
Naphthalene	91-20-3	<25		25	02/05/2021 17:05	S21020513.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 17:05	S21020513.D
2-Methylnaphthalene	91-57-6	**34**		25	02/05/2021 17:05	S21020513.D
∉ **TPH C4-C9**		**48,700**		5,000	02/05/2021 17:05	S21020513.D
∉ **TPH C10-C15**		**9,990**		5,000	02/05/2021 17:05	S21020513.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-10

PSG 8

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	**4,890**	D	103	02/08/2021 15:18	S21020810.D
1,1-Dichloroethene	75-35-4	**106**		10	02/05/2021 17:32	S21020514.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 17:32	S21020514.D
trans-1,2-Dichloroethene	156-60-5	**1,440**	D	103	02/08/2021 15:18	S21020810.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 17:32	S21020514.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 17:32	S21020514.D
cis-1,2-Dichloroethene	156-59-2	**7,810**	D	103	02/08/2021 15:18	S21020810.D
Chloroform	67-66-3	<10		10	02/05/2021 17:32	S21020514.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 17:32	S21020514.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 17:32	S21020514.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 17:32	S21020514.D
Benzene	71-43-2	**324**		25	02/05/2021 17:32	S21020514.D
Trichloroethene	79-01-6	**209**		10	02/05/2021 17:32	S21020514.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 17:32	S21020514.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 17:32	S21020514.D
Toluene	108-88-3	**201**		25	02/05/2021 17:32	S21020514.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 17:32	S21020514.D
Tetrachloroethene	127-18-4	**26**		10	02/05/2021 17:32	S21020514.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 17:32	S21020514.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 17:32	S21020514.D
Ethylbenzene	100-41-4	**615**		25	02/05/2021 17:32	S21020514.D
p & m-Xylene	179601-23-1	**2,650**	D	259	02/08/2021 15:18	S21020810.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 17:32	S21020514.D
o-Xylene	95-47-6	**849**		25	02/05/2021 17:32	S21020514.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 17:32	S21020514.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 17:32	S21020514.D
1,3,5-Trimethylbenzene	108-67-8	**40**		25	02/05/2021 17:32	S21020514.D
1,2,4-Trimethylbenzene	95-63-6	**94**		25	02/05/2021 17:32	S21020514.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 17:32	S21020514.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 17:32	S21020514.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 17:32	S21020514.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 17:32	S21020514.D
Naphthalene	91-20-3	**52**		25	02/05/2021 17:32	S21020514.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 17:32	S21020514.D
2-Methylnaphthalene	91-57-6	**324**		25	02/05/2021 17:32	S21020514.D
≤ **TPH C4-C9**		**193,000**		5,000	02/05/2021 17:32	S21020514.D
≤ **TPH C10-C15**		**48,800**		5,000	02/05/2021 17:32	S21020514.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-11

PSG 9

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 18:01	S21020515.D
1,1-Dichloroethene	75-35-4	<10		10	02/05/2021 18:01	S21020515.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 18:01	S21020515.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/05/2021 18:01	S21020515.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 18:01	S21020515.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 18:01	S21020515.D
cis-1,2-Dichloroethene	156-59-2	**21**		10	02/05/2021 18:01	S21020515.D
Chloroform	67-66-3	<10		10	02/05/2021 18:01	S21020515.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 18:01	S21020515.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 18:01	S21020515.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 18:01	S21020515.D
Benzene	71-43-2	**55**		25	02/05/2021 18:01	S21020515.D
Trichloroethene	79-01-6	**161**		10	02/05/2021 18:01	S21020515.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 18:01	S21020515.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 18:01	S21020515.D
Toluene	108-88-3	**34**		25	02/05/2021 18:01	S21020515.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 18:01	S21020515.D
Tetrachloroethene	127-18-4	**524**		10	02/05/2021 18:01	S21020515.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 18:01	S21020515.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 18:01	S21020515.D
Ethylbenzene	100-41-4	<25		25	02/05/2021 18:01	S21020515.D
p & m-Xylene	179601-23-1	**35**		25	02/05/2021 18:01	S21020515.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 18:01	S21020515.D
o-Xylene	95-47-6	<25		25	02/05/2021 18:01	S21020515.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 18:01	S21020515.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 18:01	S21020515.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/05/2021 18:01	S21020515.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/05/2021 18:01	S21020515.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 18:01	S21020515.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 18:01	S21020515.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 18:01	S21020515.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 18:01	S21020515.D
Naphthalene	91-20-3	<25		25	02/05/2021 18:01	S21020515.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 18:01	S21020515.D
2-Methylnaphthalene	91-57-6	<25		25	02/05/2021 18:01	S21020515.D
∉ TPH C4-C9		<5,000		5,000	02/05/2021 18:01	S21020515.D
∉ TPH C10-C15		<5,000		5,000	02/05/2021 18:01	S21020515.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-12

PSG 10

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 18:28	S21020516.D
1,1-Dichloroethene	75-35-4	<10		10	02/05/2021 18:28	S21020516.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 18:28	S21020516.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/05/2021 18:28	S21020516.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 18:28	S21020516.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 18:28	S21020516.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/05/2021 18:28	S21020516.D
Chloroform	67-66-3	<10		10	02/05/2021 18:28	S21020516.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 18:28	S21020516.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 18:28	S21020516.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 18:28	S21020516.D
Benzene	71-43-2	**44**		25	02/05/2021 18:28	S21020516.D
Trichloroethene	79-01-6	**35**		10	02/05/2021 18:28	S21020516.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 18:28	S21020516.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 18:28	S21020516.D
Toluene	108-88-3	**44**		25	02/05/2021 18:28	S21020516.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 18:28	S21020516.D
Tetrachloroethene	127-18-4	**108**		10	02/05/2021 18:28	S21020516.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 18:28	S21020516.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 18:28	S21020516.D
Ethylbenzene	100-41-4	**1,640**	D	259	02/08/2021 15:45	S21020811.D
p & m-Xylene	179601-23-1	**7,230**	D	259	02/08/2021 15:45	S21020811.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 18:28	S21020516.D
o-Xylene	95-47-6	**2,640**	D	259	02/08/2021 15:45	S21020811.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 18:28	S21020516.D
Isopropylbenzene	98-82-8	**38**		25	02/05/2021 18:28	S21020516.D
1,3,5-Trimethylbenzene	108-67-8	**67**		25	02/05/2021 18:28	S21020516.D
1,2,4-Trimethylbenzene	95-63-6	**130**		25	02/05/2021 18:28	S21020516.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 18:28	S21020516.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 18:28	S21020516.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 18:28	S21020516.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 18:28	S21020516.D
Naphthalene	91-20-3	<25		25	02/05/2021 18:28	S21020516.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 18:28	S21020516.D
2-Methylnaphthalene	91-57-6	<25		25	02/05/2021 18:28	S21020516.D
∉ **TPH C4-C9**		**73,000**		5,000	02/05/2021 18:28	S21020516.D
∉ **TPH C10-C15**		**13,300**		5,000	02/05/2021 18:28	S21020516.D

BEACON ENVIRONMENTAL

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Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-13

PSG 11

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 18:55	S21020517.D
1,1-Dichloroethene	75-35-4	<10		10	02/05/2021 18:55	S21020517.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 18:55	S21020517.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/05/2021 18:55	S21020517.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 18:55	S21020517.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 18:55	S21020517.D
cis-1,2-Dichloroethene	156-59-2	**17**		10	02/05/2021 18:55	S21020517.D
Chloroform	67-66-3	<10		10	02/05/2021 18:55	S21020517.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 18:55	S21020517.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 18:55	S21020517.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 18:55	S21020517.D
Benzene	71-43-2	<25		25	02/05/2021 18:55	S21020517.D
Trichloroethene	79-01-6	**183**		10	02/05/2021 18:55	S21020517.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 18:55	S21020517.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 18:55	S21020517.D
Toluene	108-88-3	<25		25	02/05/2021 18:55	S21020517.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 18:55	S21020517.D
Tetrachloroethene	127-18-4	**643**		10	02/05/2021 18:55	S21020517.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 18:55	S21020517.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 18:55	S21020517.D
Ethylbenzene	100-41-4	**383**		25	02/05/2021 18:55	S21020517.D
p & m-Xylene	179601-23-1	**1,870**	D	259	02/08/2021 16:13	S21020812.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 18:55	S21020517.D
o-Xylene	95-47-6	**700**		25	02/05/2021 18:55	S21020517.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 18:55	S21020517.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 18:55	S21020517.D
1,3,5-Trimethylbenzene	108-67-8	**27**		25	02/05/2021 18:55	S21020517.D
1,2,4-Trimethylbenzene	95-63-6	**60**		25	02/05/2021 18:55	S21020517.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 18:55	S21020517.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 18:55	S21020517.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 18:55	S21020517.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 18:55	S21020517.D
Naphthalene	91-20-3	<25		25	02/05/2021 18:55	S21020517.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 18:55	S21020517.D
2-Methylnaphthalene	91-57-6	<25		25	02/05/2021 18:55	S21020517.D
∉ **TPH C4-C9**		**19,900**		5,000	02/05/2021 18:55	S21020517.D
∉ TPH C10-C15		<5,000		5,000	02/05/2021 18:55	S21020517.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-14

PSG 12

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 19:23	S21020518.D
1,1-Dichloroethene	75-35-4	<10		10	02/05/2021 19:23	S21020518.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 19:23	S21020518.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/05/2021 19:23	S21020518.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 19:23	S21020518.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 19:23	S21020518.D
cis-1,2-Dichloroethene	156-59-2	**19**		10	02/05/2021 19:23	S21020518.D
Chloroform	67-66-3	<10		10	02/05/2021 19:23	S21020518.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 19:23	S21020518.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 19:23	S21020518.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 19:23	S21020518.D
Benzene	71-43-2	<25		25	02/05/2021 19:23	S21020518.D
Trichloroethene	79-01-6	**1,460**	D	103	02/08/2021 16:40	S21020813.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 19:23	S21020518.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 19:23	S21020518.D
Toluene	108-88-3	<25		25	02/05/2021 19:23	S21020518.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 19:23	S21020518.D
Tetrachloroethene	127-18-4	**32,000**	D	848	02/09/2021 15:59	S21020906.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 19:23	S21020518.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 19:23	S21020518.D
Ethylbenzene	100-41-4	**347**		25	02/05/2021 19:23	S21020518.D
p & m-Xylene	179601-23-1	**1,660**	D	259	02/08/2021 16:40	S21020813.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 19:23	S21020518.D
o-Xylene	95-47-6	**592**		25	02/05/2021 19:23	S21020518.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 19:23	S21020518.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 19:23	S21020518.D
1,3,5-Trimethylbenzene	108-67-8	**29**		25	02/05/2021 19:23	S21020518.D
1,2,4-Trimethylbenzene	95-63-6	**69**		25	02/05/2021 19:23	S21020518.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 19:23	S21020518.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 19:23	S21020518.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 19:23	S21020518.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 19:23	S21020518.D
Naphthalene	91-20-3	<25		25	02/05/2021 19:23	S21020518.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 19:23	S21020518.D
2-Methylnaphthalene	91-57-6	**157**		25	02/05/2021 19:23	S21020518.D
∉ TPH C4-C9		<5,000		5,000	02/05/2021 19:23	S21020518.D
∉ **TPH C10-C15**		**12,200**		5,000	02/05/2021 19:23	S21020518.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-15

PSG 13

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 19:50	S21020519.D
1,1-Dichloroethene	75-35-4	<10		10	02/05/2021 19:50	S21020519.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 19:50	S21020519.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/05/2021 19:50	S21020519.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 19:50	S21020519.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 19:50	S21020519.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/05/2021 19:50	S21020519.D
Chloroform	67-66-3	<10		10	02/05/2021 19:50	S21020519.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 19:50	S21020519.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 19:50	S21020519.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 19:50	S21020519.D
Benzene	71-43-2	**45**		25	02/05/2021 19:50	S21020519.D
Trichloroethene	79-01-6	**261**		10	02/05/2021 19:50	S21020519.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 19:50	S21020519.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 19:50	S21020519.D
Toluene	108-88-3	**29**		25	02/05/2021 19:50	S21020519.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 19:50	S21020519.D
Tetrachloroethene	127-18-4	**28,100**	D	848	02/09/2021 16:26	S21020907.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 19:50	S21020519.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 19:50	S21020519.D
Ethylbenzene	100-41-4	**420**		25	02/05/2021 19:50	S21020519.D
p & m-Xylene	179601-23-1	**1,960**	D	259	02/08/2021 17:08	S21020814.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 19:50	S21020519.D
o-Xylene	95-47-6	**853**		25	02/05/2021 19:50	S21020519.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 19:50	S21020519.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 19:50	S21020519.D
1,3,5-Trimethylbenzene	108-67-8	**44**		25	02/05/2021 19:50	S21020519.D
1,2,4-Trimethylbenzene	95-63-6	**96**		25	02/05/2021 19:50	S21020519.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 19:50	S21020519.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 19:50	S21020519.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 19:50	S21020519.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 19:50	S21020519.D
Naphthalene	91-20-3	<25		25	02/05/2021 19:50	S21020519.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 19:50	S21020519.D
2-Methylnaphthalene	91-57-6	<25		25	02/05/2021 19:50	S21020519.D
∉ TPH C4-C9		<5,000		5,000	02/05/2021 19:50	S21020519.D
∉ **TPH C10-C15**		**7,320**		5,000	02/05/2021 19:50	S21020519.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-16

PSG 14

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 20:18	S21020520.D
1,1-Dichloroethene	75-35-4	<10		10	02/05/2021 20:18	S21020520.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 20:18	S21020520.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/05/2021 20:18	S21020520.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 20:18	S21020520.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 20:18	S21020520.D
cis-1,2-Dichloroethene	156-59-2	**11**		10	02/05/2021 20:18	S21020520.D
Chloroform	67-66-3	<10		10	02/05/2021 20:18	S21020520.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 20:18	S21020520.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 20:18	S21020520.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 20:18	S21020520.D
Benzene	71-43-2	**33**		25	02/05/2021 20:18	S21020520.D
Trichloroethene	79-01-6	<10		10	02/05/2021 20:18	S21020520.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 20:18	S21020520.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 20:18	S21020520.D
Toluene	108-88-3	<25		25	02/05/2021 20:18	S21020520.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 20:18	S21020520.D
Tetrachloroethene	127-18-4	**32**		10	02/05/2021 20:18	S21020520.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 20:18	S21020520.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 20:18	S21020520.D
Ethylbenzene	100-41-4	**326**		25	02/05/2021 20:18	S21020520.D
p & m-Xylene	179601-23-1	**1,370**	D	259	02/08/2021 17:36	S21020815.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 20:18	S21020520.D
o-Xylene	95-47-6	**451**		25	02/05/2021 20:18	S21020520.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 20:18	S21020520.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 20:18	S21020520.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/05/2021 20:18	S21020520.D
1,2,4-Trimethylbenzene	95-63-6	**33**		25	02/05/2021 20:18	S21020520.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 20:18	S21020520.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 20:18	S21020520.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 20:18	S21020520.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 20:18	S21020520.D
Naphthalene	91-20-3	<25		25	02/05/2021 20:18	S21020520.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 20:18	S21020520.D
2-Methylnaphthalene	91-57-6	<25		25	02/05/2021 20:18	S21020520.D
∉ **TPH C4-C9**		**15,500**		5,000	02/05/2021 20:18	S21020520.D
∉ TPH C10-C15		<5,000		5,000	02/05/2021 20:18	S21020520.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-17

PSG 15

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 20:45	S21020521.D
1,1-Dichloroethene	75-35-4	<10		10	02/05/2021 20:45	S21020521.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 20:45	S21020521.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/05/2021 20:45	S21020521.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 20:45	S21020521.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 20:45	S21020521.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/05/2021 20:45	S21020521.D
Chloroform	67-66-3	<10		10	02/05/2021 20:45	S21020521.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 20:45	S21020521.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 20:45	S21020521.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 20:45	S21020521.D
Benzene	71-43-2	**29**		25	02/05/2021 20:45	S21020521.D
Trichloroethene	79-01-6	**93**		10	02/05/2021 20:45	S21020521.D
1,4-Dioxane	123-91-1	**119**		10	02/05/2021 20:45	S21020521.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 20:45	S21020521.D
Toluene	108-88-3	<25		25	02/05/2021 20:45	S21020521.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 20:45	S21020521.D
Tetrachloroethene	127-18-4	**200**		10	02/05/2021 20:45	S21020521.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 20:45	S21020521.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 20:45	S21020521.D
Ethylbenzene	100-41-4	**638**		25	02/05/2021 20:45	S21020521.D
p & m-Xylene	179601-23-1	**2,970**	D	259	02/08/2021 18:04	S21020816.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 20:45	S21020521.D
o-Xylene	95-47-6	**1,110**	D	259	02/08/2021 18:04	S21020816.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 20:45	S21020521.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 20:45	S21020521.D
1,3,5-Trimethylbenzene	108-67-8	**37**		25	02/05/2021 20:45	S21020521.D
1,2,4-Trimethylbenzene	95-63-6	**82**		25	02/05/2021 20:45	S21020521.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 20:45	S21020521.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 20:45	S21020521.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 20:45	S21020521.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 20:45	S21020521.D
Naphthalene	91-20-3	<25		25	02/05/2021 20:45	S21020521.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 20:45	S21020521.D
2-Methylnaphthalene	91-57-6	<25		25	02/05/2021 20:45	S21020521.D
∉ **TPH C4-C9**		**32,600**		5,000	02/05/2021 20:45	S21020521.D
∉ **TPH C10-C15**		**5,400**		5,000	02/05/2021 20:45	S21020521.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-18

PSG 16

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 21:13	S21020522.D
1,1-Dichloroethene	75-35-4	<10		10	02/05/2021 21:13	S21020522.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 21:13	S21020522.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/05/2021 21:13	S21020522.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 21:13	S21020522.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 21:13	S21020522.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/05/2021 21:13	S21020522.D
Chloroform	67-66-3	<10		10	02/05/2021 21:13	S21020522.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 21:13	S21020522.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 21:13	S21020522.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 21:13	S21020522.D
Benzene	71-43-2	<25		25	02/05/2021 21:13	S21020522.D
Trichloroethene	79-01-6	**85**		10	02/05/2021 21:13	S21020522.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 21:13	S21020522.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 21:13	S21020522.D
Toluene	108-88-3	<25		25	02/05/2021 21:13	S21020522.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 21:13	S21020522.D
Tetrachloroethene	127-18-4	**698**		10	02/05/2021 21:13	S21020522.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 21:13	S21020522.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 21:13	S21020522.D
Ethylbenzene	100-41-4	**215**		25	02/05/2021 21:13	S21020522.D
p & m-Xylene	179601-23-1	**953**		25	02/05/2021 21:13	S21020522.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 21:13	S21020522.D
o-Xylene	95-47-6	**364**		25	02/05/2021 21:13	S21020522.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 21:13	S21020522.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 21:13	S21020522.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/05/2021 21:13	S21020522.D
1,2,4-Trimethylbenzene	95-63-6	**30**		25	02/05/2021 21:13	S21020522.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 21:13	S21020522.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 21:13	S21020522.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 21:13	S21020522.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 21:13	S21020522.D
Naphthalene	91-20-3	<25		25	02/05/2021 21:13	S21020522.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 21:13	S21020522.D
2-Methylnaphthalene	91-57-6	<25		25	02/05/2021 21:13	S21020522.D
∉ **TPH C4-C9**		**12,100**		5,000	02/05/2021 21:13	S21020522.D
∉ TPH C10-C15		<5,000		5,000	02/05/2021 21:13	S21020522.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-19

PSG 17

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 21:40	S21020523.D
1,1-Dichloroethene	75-35-4	**52**		10	02/05/2021 21:40	S21020523.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 21:40	S21020523.D
trans-1,2-Dichloroethene	156-60-5	**60**		10	02/05/2021 21:40	S21020523.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 21:40	S21020523.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 21:40	S21020523.D
cis-1,2-Dichloroethene	156-59-2	**434**		10	02/05/2021 21:40	S21020523.D
Chloroform	67-66-3	<10		10	02/05/2021 21:40	S21020523.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 21:40	S21020523.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 21:40	S21020523.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 21:40	S21020523.D
Benzene	71-43-2	<25		25	02/05/2021 21:40	S21020523.D
Trichloroethene	79-01-6	**5,970**	D	103	02/08/2021 18:31	S21020817.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 21:40	S21020523.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 21:40	S21020523.D
Toluene	108-88-3	<25		25	02/05/2021 21:40	S21020523.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 21:40	S21020523.D
Tetrachloroethene	127-18-4	**8,030**	D	103	02/08/2021 18:31	S21020817.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 21:40	S21020523.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 21:40	S21020523.D
Ethylbenzene	100-41-4	**268**		25	02/05/2021 21:40	S21020523.D
p & m-Xylene	179601-23-1	**1,280**	D	259	02/08/2021 18:31	S21020817.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 21:40	S21020523.D
o-Xylene	95-47-6	**511**		25	02/05/2021 21:40	S21020523.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 21:40	S21020523.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 21:40	S21020523.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/05/2021 21:40	S21020523.D
1,2,4-Trimethylbenzene	95-63-6	**47**		25	02/05/2021 21:40	S21020523.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 21:40	S21020523.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 21:40	S21020523.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 21:40	S21020523.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 21:40	S21020523.D
Naphthalene	91-20-3	<25		25	02/05/2021 21:40	S21020523.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 21:40	S21020523.D
2-Methylnaphthalene	91-57-6	<25		25	02/05/2021 21:40	S21020523.D
∉ TPH C4-C9		<5,000		5,000	02/05/2021 21:40	S21020523.D
∉ TPH C10-C15		<5,000		5,000	02/05/2021 21:40	S21020523.D

BEACON ENVIRONMENTAL

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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-20

PSG 18

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 22:07	S21020524.D
1,1-Dichloroethene	75-35-4	<10		10	02/05/2021 22:07	S21020524.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 22:07	S21020524.D
trans-1,2-Dichloroethene	156-60-5	**11**		10	02/05/2021 22:07	S21020524.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 22:07	S21020524.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 22:07	S21020524.D
cis-1,2-Dichloroethene	156-59-2	**16**		10	02/05/2021 22:07	S21020524.D
Chloroform	67-66-3	<10		10	02/05/2021 22:07	S21020524.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 22:07	S21020524.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 22:07	S21020524.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 22:07	S21020524.D
Benzene	71-43-2	<25		25	02/05/2021 22:07	S21020524.D
Trichloroethene	79-01-6	**334**		10	02/05/2021 22:07	S21020524.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 22:07	S21020524.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 22:07	S21020524.D
Toluene	108-88-3	<25		25	02/05/2021 22:07	S21020524.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 22:07	S21020524.D
Tetrachloroethene	127-18-4	**1,790**	D	103	02/08/2021 18:58	S21020818.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 22:07	S21020524.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 22:07	S21020524.D
Ethylbenzene	100-41-4	**65**		25	02/05/2021 22:07	S21020524.D
p & m-Xylene	179601-23-1	**269**		25	02/05/2021 22:07	S21020524.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 22:07	S21020524.D
o-Xylene	95-47-6	**94**		25	02/05/2021 22:07	S21020524.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 22:07	S21020524.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 22:07	S21020524.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/05/2021 22:07	S21020524.D
1,2,4-Trimethylbenzene	95-63-6	**41**		25	02/05/2021 22:07	S21020524.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 22:07	S21020524.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 22:07	S21020524.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 22:07	S21020524.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 22:07	S21020524.D
Naphthalene	91-20-3	<25		25	02/05/2021 22:07	S21020524.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 22:07	S21020524.D
2-Methylnaphthalene	91-57-6	<25		25	02/05/2021 22:07	S21020524.D
∉ **TPH C4-C9**		**16,500**		5,000	02/05/2021 22:07	S21020524.D
∉ TPH C10-C15		<5,000		5,000	02/05/2021 22:07	S21020524.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-21

PSG 19

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 22:35	S21020525.D
1,1-Dichloroethene	75-35-4	<10		10	02/05/2021 22:35	S21020525.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 22:35	S21020525.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/05/2021 22:35	S21020525.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 22:35	S21020525.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 22:35	S21020525.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/05/2021 22:35	S21020525.D
Chloroform	67-66-3	<10		10	02/05/2021 22:35	S21020525.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 22:35	S21020525.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 22:35	S21020525.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 22:35	S21020525.D
Benzene	71-43-2	**38**		25	02/05/2021 22:35	S21020525.D
Trichloroethene	79-01-6	**376**		10	02/05/2021 22:35	S21020525.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 22:35	S21020525.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 22:35	S21020525.D
Toluene	108-88-3	**30**		25	02/05/2021 22:35	S21020525.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 22:35	S21020525.D
Tetrachloroethene	127-18-4	**10,300**	D	848	02/09/2021 16:57	S21020908.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 22:35	S21020525.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 22:35	S21020525.D
Ethylbenzene	100-41-4	**1,740**	D	259	02/08/2021 19:26	S21020819.D
p & m-Xylene	179601-23-1	**7,690**	D	259	02/08/2021 19:26	S21020819.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 22:35	S21020525.D
o-Xylene	95-47-6	**2,820**	D	259	02/08/2021 19:26	S21020819.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 22:35	S21020525.D
Isopropylbenzene	98-82-8	**50**		25	02/05/2021 22:35	S21020525.D
1,3,5-Trimethylbenzene	108-67-8	**109**		25	02/05/2021 22:35	S21020525.D
1,2,4-Trimethylbenzene	95-63-6	**293**		25	02/05/2021 22:35	S21020525.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 22:35	S21020525.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 22:35	S21020525.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 22:35	S21020525.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 22:35	S21020525.D
Naphthalene	91-20-3	**48**		25	02/05/2021 22:35	S21020525.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 22:35	S21020525.D
2-Methylnaphthalene	91-57-6	<25		25	02/05/2021 22:35	S21020525.D
∉ **TPH C4-C9**		**83,900**		5,000	02/05/2021 22:35	S21020525.D
∉ **TPH C10-C15**		**28,300**		5,000	02/05/2021 22:35	S21020525.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-22

PSG 20

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 23:02	S21020526.D
1,1-Dichloroethene	75-35-4	**27**		10	02/05/2021 23:02	S21020526.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 23:02	S21020526.D
trans-1,2-Dichloroethene	156-60-5	**35**		10	02/05/2021 23:02	S21020526.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 23:02	S21020526.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 23:02	S21020526.D
cis-1,2-Dichloroethene	156-59-2	**283**		10	02/05/2021 23:02	S21020526.D
Chloroform	67-66-3	<10		10	02/05/2021 23:02	S21020526.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 23:02	S21020526.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 23:02	S21020526.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 23:02	S21020526.D
Benzene	71-43-2	**28**		25	02/05/2021 23:02	S21020526.D
Trichloroethene	79-01-6	**5,070**	D	103	02/08/2021 19:54	S21020820.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 23:02	S21020526.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 23:02	S21020526.D
Toluene	108-88-3	<25		25	02/05/2021 23:02	S21020526.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 23:02	S21020526.D
Tetrachloroethene	127-18-4	**37,800**	D	848	02/09/2021 17:24	S21020909.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 23:02	S21020526.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 23:02	S21020526.D
Ethylbenzene	100-41-4	**510**		25	02/05/2021 23:02	S21020526.D
p & m-Xylene	179601-23-1	**2,010**	D	259	02/08/2021 19:54	S21020820.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 23:02	S21020526.D
o-Xylene	95-47-6	**619**		25	02/05/2021 23:02	S21020526.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 23:02	S21020526.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 23:02	S21020526.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/05/2021 23:02	S21020526.D
1,2,4-Trimethylbenzene	95-63-6	**52**		25	02/05/2021 23:02	S21020526.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 23:02	S21020526.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 23:02	S21020526.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 23:02	S21020526.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 23:02	S21020526.D
Naphthalene	91-20-3	<25		25	02/05/2021 23:02	S21020526.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 23:02	S21020526.D
2-Methylnaphthalene	91-57-6	<25		25	02/05/2021 23:02	S21020526.D
∉ TPH C4-C9		<5,000		5,000	02/05/2021 23:02	S21020526.D
∉ **TPH C10-C15**		**5,250**		5,000	02/05/2021 23:02	S21020526.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-23

PSG 21

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 23:29	S21020527.D
1,1-Dichloroethene	75-35-4	**11**		10	02/05/2021 23:29	S21020527.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 23:29	S21020527.D
trans-1,2-Dichloroethene	156-60-5	**17**		10	02/05/2021 23:29	S21020527.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 23:29	S21020527.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 23:29	S21020527.D
cis-1,2-Dichloroethene	156-59-2	**133**		10	02/05/2021 23:29	S21020527.D
Chloroform	67-66-3	<10		10	02/05/2021 23:29	S21020527.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 23:29	S21020527.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 23:29	S21020527.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 23:29	S21020527.D
Benzene	71-43-2	<25		25	02/05/2021 23:29	S21020527.D
Trichloroethene	79-01-6	**3,220**	D	103	02/08/2021 20:21	S21020821.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 23:29	S21020527.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 23:29	S21020527.D
Toluene	108-88-3	<25		25	02/05/2021 23:29	S21020527.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 23:29	S21020527.D
Tetrachloroethene	127-18-4	**61,600**	D	848	02/09/2021 17:52	S21020910.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 23:29	S21020527.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 23:29	S21020527.D
Ethylbenzene	100-41-4	**661**		25	02/05/2021 23:29	S21020527.D
p & m-Xylene	179601-23-1	**3,390**	D	259	02/08/2021 20:21	S21020821.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 23:29	S21020527.D
o-Xylene	95-47-6	**1,330**	D	259	02/08/2021 20:21	S21020821.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 23:29	S21020527.D
Isopropylbenzene	98-82-8	<25		25	02/05/2021 23:29	S21020527.D
1,3,5-Trimethylbenzene	108-67-8	**53**		25	02/05/2021 23:29	S21020527.D
1,2,4-Trimethylbenzene	95-63-6	**178**		25	02/05/2021 23:29	S21020527.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 23:29	S21020527.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 23:29	S21020527.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 23:29	S21020527.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 23:29	S21020527.D
Naphthalene	91-20-3	<25		25	02/05/2021 23:29	S21020527.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 23:29	S21020527.D
2-Methylnaphthalene	91-57-6	<25		25	02/05/2021 23:29	S21020527.D
∉ TPH C4-C9		<5,000		5,000	02/05/2021 23:29	S21020527.D
∉ **TPH C10-C15**		**5,750**		5,000	02/05/2021 23:29	S21020527.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-24

PSG 22

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/05/2021 23:56	S21020528.D
1,1-Dichloroethene	75-35-4	<10		10	02/05/2021 23:56	S21020528.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/05/2021 23:56	S21020528.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/05/2021 23:56	S21020528.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/05/2021 23:56	S21020528.D
1,1-Dichloroethane	75-34-3	<10		10	02/05/2021 23:56	S21020528.D
cis-1,2-Dichloroethene	156-59-2	**23**		10	02/05/2021 23:56	S21020528.D
Chloroform	67-66-3	**11**		10	02/05/2021 23:56	S21020528.D
1,2-Dichloroethane	107-06-2	<10		10	02/05/2021 23:56	S21020528.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/05/2021 23:56	S21020528.D
Carbon Tetrachloride	56-23-5	<10		10	02/05/2021 23:56	S21020528.D
Benzene	71-43-2	**45**		25	02/05/2021 23:56	S21020528.D
Trichloroethene	79-01-6	**616**	D	103	02/08/2021 20:49	S21020822.D
1,4-Dioxane	123-91-1	<10		10	02/05/2021 23:56	S21020528.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/05/2021 23:56	S21020528.D
Toluene	108-88-3	<25		25	02/05/2021 23:56	S21020528.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/05/2021 23:56	S21020528.D
Tetrachloroethene	127-18-4	**79,900**	D	7,780	02/10/2021 11:03	S21020934.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/05/2021 23:56	S21020528.D
Chlorobenzene	108-90-7	<10		10	02/05/2021 23:56	S21020528.D
Ethylbenzene	100-41-4	**1,150**	D	259	02/08/2021 20:49	S21020822.D
p & m-Xylene	179601-23-1	**6,500**	D	259	02/08/2021 20:49	S21020822.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/05/2021 23:56	S21020528.D
o-Xylene	95-47-6	**3,170**	D	259	02/08/2021 20:49	S21020822.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/05/2021 23:56	S21020528.D
Isopropylbenzene	98-82-8	**88**		25	02/05/2021 23:56	S21020528.D
1,3,5-Trimethylbenzene	108-67-8	**264**		25	02/05/2021 23:56	S21020528.D
1,2,4-Trimethylbenzene	95-63-6	**728**		25	02/05/2021 23:56	S21020528.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/05/2021 23:56	S21020528.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/05/2021 23:56	S21020528.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/05/2021 23:56	S21020528.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/05/2021 23:56	S21020528.D
Naphthalene	91-20-3	<25		25	02/05/2021 23:56	S21020528.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/05/2021 23:56	S21020528.D
2-Methylnaphthalene	91-57-6	<25		25	02/05/2021 23:56	S21020528.D
∉ **TPH C4-C9**		**48,200**		5,000	02/05/2021 23:56	S21020528.D
∉ **TPH C10-C15**		**17,000**		5,000	02/05/2021 23:56	S21020528.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-25

PSG 23

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 00:24	S21020529.D
1,1-Dichloroethene	75-35-4	<10		10	02/06/2021 00:24	S21020529.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 00:24	S21020529.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/06/2021 00:24	S21020529.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 00:24	S21020529.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 00:24	S21020529.D
cis-1,2-Dichloroethene	156-59-2	**17**		10	02/06/2021 00:24	S21020529.D
Chloroform	67-66-3	<10		10	02/06/2021 00:24	S21020529.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 00:24	S21020529.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 00:24	S21020529.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 00:24	S21020529.D
Benzene	71-43-2	<25		25	02/06/2021 00:24	S21020529.D
Trichloroethene	79-01-6	**311**		10	02/06/2021 00:24	S21020529.D
1,4-Dioxane	123-91-1	**187**		10	02/06/2021 00:24	S21020529.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 00:24	S21020529.D
Toluene	108-88-3	<25		25	02/06/2021 00:24	S21020529.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 00:24	S21020529.D
Tetrachloroethene	127-18-4	**3,520**	D	103	02/08/2021 21:16	S21020823.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 00:24	S21020529.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 00:24	S21020529.D
Ethylbenzene	100-41-4	**2,010**	D	259	02/08/2021 21:16	S21020823.D
p & m-Xylene	179601-23-1	**11,400**	D	2,120	02/09/2021 18:47	S21020912.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 00:24	S21020529.D
o-Xylene	95-47-6	**6,250**	D	259	02/08/2021 21:16	S21020823.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 00:24	S21020529.D
Isopropylbenzene	98-82-8	**102**		25	02/06/2021 00:24	S21020529.D
1,3,5-Trimethylbenzene	108-67-8	**407**		25	02/06/2021 00:24	S21020529.D
1,2,4-Trimethylbenzene	95-63-6	**1,230**	D	259	02/08/2021 21:16	S21020823.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 00:24	S21020529.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 00:24	S21020529.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 00:24	S21020529.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 00:24	S21020529.D
Naphthalene	91-20-3	<25		25	02/06/2021 00:24	S21020529.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 00:24	S21020529.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 00:24	S21020529.D
∉ **TPH C4-C9**		**70,300**		5,000	02/06/2021 00:24	S21020529.D
∉ **TPH C10-C15**		**24,500**		5,000	02/06/2021 00:24	S21020529.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-26

PSG 24

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 00:52	S21020530.D
1,1-Dichloroethene	75-35-4	**17**		10	02/06/2021 00:52	S21020530.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 00:52	S21020530.D
trans-1,2-Dichloroethene	156-60-5	**18**		10	02/06/2021 00:52	S21020530.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 00:52	S21020530.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 00:52	S21020530.D
cis-1,2-Dichloroethene	156-59-2	**101**		10	02/06/2021 00:52	S21020530.D
Chloroform	67-66-3	<10		10	02/06/2021 00:52	S21020530.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 00:52	S21020530.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 00:52	S21020530.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 00:52	S21020530.D
Benzene	71-43-2	<25		25	02/06/2021 00:52	S21020530.D
Trichloroethene	79-01-6	**6,120**	D	103	02/08/2021 21:43	S21020824.D
1,4-Dioxane	123-91-1	<10		10	02/06/2021 00:52	S21020530.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 00:52	S21020530.D
Toluene	108-88-3	<25		25	02/06/2021 00:52	S21020530.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 00:52	S21020530.D
Tetrachloroethene	127-18-4	**128,000**	D	7,780	02/10/2021 11:29	S21020935.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 00:52	S21020530.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 00:52	S21020530.D
Ethylbenzene	100-41-4	**155**		25	02/06/2021 00:52	S21020530.D
p & m-Xylene	179601-23-1	**631**		25	02/06/2021 00:52	S21020530.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 00:52	S21020530.D
o-Xylene	95-47-6	**231**		25	02/06/2021 00:52	S21020530.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 00:52	S21020530.D
Isopropylbenzene	98-82-8	<25		25	02/06/2021 00:52	S21020530.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/06/2021 00:52	S21020530.D
1,2,4-Trimethylbenzene	95-63-6	**38**		25	02/06/2021 00:52	S21020530.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 00:52	S21020530.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 00:52	S21020530.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 00:52	S21020530.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 00:52	S21020530.D
Naphthalene	91-20-3	<25		25	02/06/2021 00:52	S21020530.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 00:52	S21020530.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 00:52	S21020530.D
∉ TPH C4-C9		<5,000		5,000	02/06/2021 00:52	S21020530.D
∉ TPH C10-C15		<5,000		5,000	02/06/2021 00:52	S21020530.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-27

PSG 25

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/08/2021 13:28	S21020806.D
1,1-Dichloroethene	75-35-4	<10		10	02/08/2021 13:28	S21020806.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/08/2021 13:28	S21020806.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/08/2021 13:28	S21020806.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/08/2021 13:28	S21020806.D
1,1-Dichloroethane	75-34-3	<10		10	02/08/2021 13:28	S21020806.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/08/2021 13:28	S21020806.D
Chloroform	67-66-3	**17**		10	02/08/2021 13:28	S21020806.D
1,2-Dichloroethane	107-06-2	<10		10	02/08/2021 13:28	S21020806.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/08/2021 13:28	S21020806.D
Carbon Tetrachloride	56-23-5	<10		10	02/08/2021 13:28	S21020806.D
Benzene	71-43-2	<25		25	02/08/2021 13:28	S21020806.D
Trichloroethene	79-01-6	**12**		10	02/08/2021 13:28	S21020806.D
1,4-Dioxane	123-91-1	<10		10	02/08/2021 13:28	S21020806.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/08/2021 13:28	S21020806.D
Toluene	108-88-3	<25		25	02/08/2021 13:28	S21020806.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/08/2021 13:28	S21020806.D
Tetrachloroethene	127-18-4	**94**		10	02/08/2021 13:28	S21020806.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/08/2021 13:28	S21020806.D
Chlorobenzene	108-90-7	<10		10	02/08/2021 13:28	S21020806.D
Ethylbenzene	100-41-4	<25		25	02/08/2021 13:28	S21020806.D
p & m-Xylene	179601-23-1	<25		25	02/08/2021 13:28	S21020806.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/08/2021 13:28	S21020806.D
o-Xylene	95-47-6	<25		25	02/08/2021 13:28	S21020806.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/08/2021 13:28	S21020806.D
Isopropylbenzene	98-82-8	<25		25	02/08/2021 13:28	S21020806.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/08/2021 13:28	S21020806.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/08/2021 13:28	S21020806.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/08/2021 13:28	S21020806.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/08/2021 13:28	S21020806.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/08/2021 13:28	S21020806.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/08/2021 13:28	S21020806.D
Naphthalene	91-20-3	<25		25	02/08/2021 13:28	S21020806.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/08/2021 13:28	S21020806.D
2-Methylnaphthalene	91-57-6	<25		25	02/08/2021 13:28	S21020806.D
∉ TPH C4-C9		<5,000		5,000	02/08/2021 13:28	S21020806.D
∉ TPH C10-C15		<5,000		5,000	02/08/2021 13:28	S21020806.D

BEACON ENVIRONMENTAL

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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-28

PSG 26

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 01:46	S21020532.D
1,1-Dichloroethene	75-35-4	<10		10	02/06/2021 01:46	S21020532.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 01:46	S21020532.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/06/2021 01:46	S21020532.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 01:46	S21020532.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 01:46	S21020532.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/06/2021 01:46	S21020532.D
Chloroform	67-66-3	**35**		10	02/06/2021 01:46	S21020532.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 01:46	S21020532.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 01:46	S21020532.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 01:46	S21020532.D
Benzene	71-43-2	<25		25	02/06/2021 01:46	S21020532.D
Trichloroethene	79-01-6	<10		10	02/06/2021 01:46	S21020532.D
1,4-Dioxane	123-91-1	<10		10	02/06/2021 01:46	S21020532.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 01:46	S21020532.D
Toluene	108-88-3	<25		25	02/06/2021 01:46	S21020532.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 01:46	S21020532.D
Tetrachloroethene	127-18-4	**28**		10	02/06/2021 01:46	S21020532.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 01:46	S21020532.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 01:46	S21020532.D
Ethylbenzene	100-41-4	<25		25	02/06/2021 01:46	S21020532.D
p & m-Xylene	179601-23-1	<25		25	02/06/2021 01:46	S21020532.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 01:46	S21020532.D
o-Xylene	95-47-6	<25		25	02/06/2021 01:46	S21020532.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 01:46	S21020532.D
Isopropylbenzene	98-82-8	<25		25	02/06/2021 01:46	S21020532.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/06/2021 01:46	S21020532.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/06/2021 01:46	S21020532.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 01:46	S21020532.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 01:46	S21020532.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 01:46	S21020532.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 01:46	S21020532.D
Naphthalene	91-20-3	<25		25	02/06/2021 01:46	S21020532.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 01:46	S21020532.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 01:46	S21020532.D
∉ TPH C4-C9		<5,000		5,000	02/06/2021 01:46	S21020532.D
∉ TPH C10-C15		<5,000		5,000	02/06/2021 01:46	S21020532.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-29

PSG 27

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 02:13	S21020533.D
1,1-Dichloroethene	75-35-4	<10		10	02/06/2021 02:13	S21020533.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 02:13	S21020533.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/06/2021 02:13	S21020533.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 02:13	S21020533.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 02:13	S21020533.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/06/2021 02:13	S21020533.D
Chloroform	67-66-3	<10		10	02/06/2021 02:13	S21020533.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 02:13	S21020533.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 02:13	S21020533.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 02:13	S21020533.D
Benzene	71-43-2	<25		25	02/06/2021 02:13	S21020533.D
Trichloroethene	79-01-6	<10		10	02/06/2021 02:13	S21020533.D
1,4-Dioxane	123-91-1	<10		10	02/06/2021 02:13	S21020533.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 02:13	S21020533.D
Toluene	108-88-3	<25		25	02/06/2021 02:13	S21020533.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 02:13	S21020533.D
Tetrachloroethene	127-18-4	**17**		10	02/06/2021 02:13	S21020533.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 02:13	S21020533.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 02:13	S21020533.D
Ethylbenzene	100-41-4	<25		25	02/06/2021 02:13	S21020533.D
p & m-Xylene	179601-23-1	<25		25	02/06/2021 02:13	S21020533.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 02:13	S21020533.D
o-Xylene	95-47-6	<25		25	02/06/2021 02:13	S21020533.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 02:13	S21020533.D
Isopropylbenzene	98-82-8	<25		25	02/06/2021 02:13	S21020533.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/06/2021 02:13	S21020533.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/06/2021 02:13	S21020533.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 02:13	S21020533.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 02:13	S21020533.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 02:13	S21020533.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 02:13	S21020533.D
Naphthalene	91-20-3	<25		25	02/06/2021 02:13	S21020533.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 02:13	S21020533.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 02:13	S21020533.D
∉ TPH C4-C9		<5,000		5,000	02/06/2021 02:13	S21020533.D
∉ TPH C10-C15		<5,000		5,000	02/06/2021 02:13	S21020533.D

BEACON ENVIRONMENTAL

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Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-30

PSG 28

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 02:40	S21020534.D
1,1-Dichloroethene	75-35-4	<10		10	02/06/2021 02:40	S21020534.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 02:40	S21020534.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/06/2021 02:40	S21020534.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 02:40	S21020534.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 02:40	S21020534.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/06/2021 02:40	S21020534.D
Chloroform	67-66-3	<10		10	02/06/2021 02:40	S21020534.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 02:40	S21020534.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 02:40	S21020534.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 02:40	S21020534.D
Benzene	71-43-2	<25		25	02/06/2021 02:40	S21020534.D
Trichloroethene	79-01-6	<10		10	02/06/2021 02:40	S21020534.D
1,4-Dioxane	123-91-1	<10		10	02/06/2021 02:40	S21020534.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 02:40	S21020534.D
Toluene	108-88-3	<25		25	02/06/2021 02:40	S21020534.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 02:40	S21020534.D
Tetrachloroethene	127-18-4	<10		10	02/06/2021 02:40	S21020534.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 02:40	S21020534.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 02:40	S21020534.D
Ethylbenzene	100-41-4	<25		25	02/06/2021 02:40	S21020534.D
p & m-Xylene	179601-23-1	<25		25	02/06/2021 02:40	S21020534.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 02:40	S21020534.D
o-Xylene	95-47-6	<25		25	02/06/2021 02:40	S21020534.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 02:40	S21020534.D
Isopropylbenzene	98-82-8	<25		25	02/06/2021 02:40	S21020534.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/06/2021 02:40	S21020534.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/06/2021 02:40	S21020534.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 02:40	S21020534.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 02:40	S21020534.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 02:40	S21020534.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 02:40	S21020534.D
Naphthalene	91-20-3	<25		25	02/06/2021 02:40	S21020534.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 02:40	S21020534.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 02:40	S21020534.D
∉ TPH C4-C9		<5,000		5,000	02/06/2021 02:40	S21020534.D
∉ TPH C10-C15		<5,000		5,000	02/06/2021 02:40	S21020534.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-31

PSG 29

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 03:08	S21020535.D
1,1-Dichloroethene	75-35-4	<10		10	02/06/2021 03:08	S21020535.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 03:08	S21020535.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/06/2021 03:08	S21020535.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 03:08	S21020535.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 03:08	S21020535.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/06/2021 03:08	S21020535.D
Chloroform	67-66-3	<10		10	02/06/2021 03:08	S21020535.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 03:08	S21020535.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 03:08	S21020535.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 03:08	S21020535.D
Benzene	71-43-2	<25		25	02/06/2021 03:08	S21020535.D
Trichloroethene	79-01-6	<10		10	02/06/2021 03:08	S21020535.D
1,4-Dioxane	123-91-1	<10		10	02/06/2021 03:08	S21020535.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 03:08	S21020535.D
Toluene	108-88-3	<25		25	02/06/2021 03:08	S21020535.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 03:08	S21020535.D
Tetrachloroethene	127-18-4	<10		10	02/06/2021 03:08	S21020535.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 03:08	S21020535.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 03:08	S21020535.D
Ethylbenzene	100-41-4	<25		25	02/06/2021 03:08	S21020535.D
p & m-Xylene	179601-23-1	<25		25	02/06/2021 03:08	S21020535.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 03:08	S21020535.D
o-Xylene	95-47-6	<25		25	02/06/2021 03:08	S21020535.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 03:08	S21020535.D
Isopropylbenzene	98-82-8	<25		25	02/06/2021 03:08	S21020535.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/06/2021 03:08	S21020535.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/06/2021 03:08	S21020535.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 03:08	S21020535.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 03:08	S21020535.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 03:08	S21020535.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 03:08	S21020535.D
Naphthalene	91-20-3	<25		25	02/06/2021 03:08	S21020535.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 03:08	S21020535.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 03:08	S21020535.D
∉ TPH C4-C9		<5,000		5,000	02/06/2021 03:08	S21020535.D
∉ TPH C10-C15		<5,000		5,000	02/06/2021 03:08	S21020535.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-32

PSG 30

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 03:35	S21020536.D
1,1-Dichloroethene	75-35-4	<10		10	02/06/2021 03:35	S21020536.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 03:35	S21020536.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/06/2021 03:35	S21020536.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 03:35	S21020536.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 03:35	S21020536.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/06/2021 03:35	S21020536.D
Chloroform	67-66-3	**15**		10	02/06/2021 03:35	S21020536.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 03:35	S21020536.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 03:35	S21020536.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 03:35	S21020536.D
Benzene	71-43-2	<25		25	02/06/2021 03:35	S21020536.D
Trichloroethene	79-01-6	<10		10	02/06/2021 03:35	S21020536.D
1,4-Dioxane	123-91-1	<10		10	02/06/2021 03:35	S21020536.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 03:35	S21020536.D
Toluene	108-88-3	<25		25	02/06/2021 03:35	S21020536.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 03:35	S21020536.D
Tetrachloroethene	127-18-4	**16**		10	02/06/2021 03:35	S21020536.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 03:35	S21020536.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 03:35	S21020536.D
Ethylbenzene	100-41-4	<25		25	02/06/2021 03:35	S21020536.D
p & m-Xylene	179601-23-1	<25		25	02/06/2021 03:35	S21020536.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 03:35	S21020536.D
o-Xylene	95-47-6	<25		25	02/06/2021 03:35	S21020536.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 03:35	S21020536.D
Isopropylbenzene	98-82-8	<25		25	02/06/2021 03:35	S21020536.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/06/2021 03:35	S21020536.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/06/2021 03:35	S21020536.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 03:35	S21020536.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 03:35	S21020536.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 03:35	S21020536.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 03:35	S21020536.D
Naphthalene	91-20-3	<25		25	02/06/2021 03:35	S21020536.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 03:35	S21020536.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 03:35	S21020536.D
∉ TPH C4-C9		<5,000		5,000	02/06/2021 03:35	S21020536.D
∉ TPH C10-C15		<5,000		5,000	02/06/2021 03:35	S21020536.D

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-33

PSG 31

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 04:03	S21020537.D
1,1-Dichloroethene	75-35-4	<10		10	02/06/2021 04:03	S21020537.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 04:03	S21020537.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/06/2021 04:03	S21020537.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 04:03	S21020537.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 04:03	S21020537.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/06/2021 04:03	S21020537.D
Chloroform	67-66-3	**47**		10	02/06/2021 04:03	S21020537.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 04:03	S21020537.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 04:03	S21020537.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 04:03	S21020537.D
Benzene	71-43-2	<25		25	02/06/2021 04:03	S21020537.D
Trichloroethene	79-01-6	<10		10	02/06/2021 04:03	S21020537.D
1,4-Dioxane	123-91-1	<10		10	02/06/2021 04:03	S21020537.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 04:03	S21020537.D
Toluene	108-88-3	<25		25	02/06/2021 04:03	S21020537.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 04:03	S21020537.D
Tetrachloroethene	127-18-4	**38**		10	02/06/2021 04:03	S21020537.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 04:03	S21020537.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 04:03	S21020537.D
Ethylbenzene	100-41-4	<25		25	02/06/2021 04:03	S21020537.D
p & m-Xylene	179601-23-1	<25		25	02/06/2021 04:03	S21020537.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 04:03	S21020537.D
o-Xylene	95-47-6	<25		25	02/06/2021 04:03	S21020537.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 04:03	S21020537.D
Isopropylbenzene	98-82-8	<25		25	02/06/2021 04:03	S21020537.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/06/2021 04:03	S21020537.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/06/2021 04:03	S21020537.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 04:03	S21020537.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 04:03	S21020537.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 04:03	S21020537.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 04:03	S21020537.D
Naphthalene	91-20-3	<25		25	02/06/2021 04:03	S21020537.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 04:03	S21020537.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 04:03	S21020537.D
∉ TPH C4-C9		<5,000		5,000	02/06/2021 04:03	S21020537.D
∉ TPH C10-C15		<5,000		5,000	02/06/2021 04:03	S21020537.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-34

PSG 32

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 04:30	S21020538.D
1,1-Dichloroethene	75-35-4	<10		10	02/06/2021 04:30	S21020538.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 04:30	S21020538.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/06/2021 04:30	S21020538.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 04:30	S21020538.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 04:30	S21020538.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/06/2021 04:30	S21020538.D
Chloroform	67-66-3	<10		10	02/06/2021 04:30	S21020538.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 04:30	S21020538.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 04:30	S21020538.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 04:30	S21020538.D
Benzene	71-43-2	<25		25	02/06/2021 04:30	S21020538.D
Trichloroethene	79-01-6	**28**		10	02/06/2021 04:30	S21020538.D
1,4-Dioxane	123-91-1	<10		10	02/06/2021 04:30	S21020538.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 04:30	S21020538.D
Toluene	108-88-3	<25		25	02/06/2021 04:30	S21020538.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 04:30	S21020538.D
Tetrachloroethene	127-18-4	**644**		10	02/06/2021 04:30	S21020538.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 04:30	S21020538.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 04:30	S21020538.D
Ethylbenzene	100-41-4	<25		25	02/06/2021 04:30	S21020538.D
p & m-Xylene	179601-23-1	<25		25	02/06/2021 04:30	S21020538.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 04:30	S21020538.D
o-Xylene	95-47-6	<25		25	02/06/2021 04:30	S21020538.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 04:30	S21020538.D
Isopropylbenzene	98-82-8	<25		25	02/06/2021 04:30	S21020538.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/06/2021 04:30	S21020538.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/06/2021 04:30	S21020538.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 04:30	S21020538.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 04:30	S21020538.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 04:30	S21020538.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 04:30	S21020538.D
Naphthalene	91-20-3	<25		25	02/06/2021 04:30	S21020538.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 04:30	S21020538.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 04:30	S21020538.D
∉ TPH C4-C9		<5,000		5,000	02/06/2021 04:30	S21020538.D
∉ TPH C10-C15		<5,000		5,000	02/06/2021 04:30	S21020538.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-35

PSG 33

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 04:57	S21020539.D
1,1-Dichloroethene	75-35-4	**14**		10	02/06/2021 04:57	S21020539.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 04:57	S21020539.D
trans-1,2-Dichloroethene	156-60-5	**22**		10	02/06/2021 04:57	S21020539.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 04:57	S21020539.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 04:57	S21020539.D
cis-1,2-Dichloroethene	156-59-2	**135**		10	02/06/2021 04:57	S21020539.D
Chloroform	67-66-3	<10		10	02/06/2021 04:57	S21020539.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 04:57	S21020539.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 04:57	S21020539.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 04:57	S21020539.D
Benzene	71-43-2	<25		25	02/06/2021 04:57	S21020539.D
Trichloroethene	79-01-6	**954**	D	103	02/08/2021 22:11	S21020825.D
1,4-Dioxane	123-91-1	<10		10	02/06/2021 04:57	S21020539.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 04:57	S21020539.D
Toluene	108-88-3	<25		25	02/06/2021 04:57	S21020539.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 04:57	S21020539.D
Tetrachloroethene	127-18-4	**4,430**	D	103	02/08/2021 22:11	S21020825.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 04:57	S21020539.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 04:57	S21020539.D
Ethylbenzene	100-41-4	<25		25	02/06/2021 04:57	S21020539.D
p & m-Xylene	179601-23-1	<25		25	02/06/2021 04:57	S21020539.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 04:57	S21020539.D
o-Xylene	95-47-6	<25		25	02/06/2021 04:57	S21020539.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 04:57	S21020539.D
Isopropylbenzene	98-82-8	<25		25	02/06/2021 04:57	S21020539.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/06/2021 04:57	S21020539.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/06/2021 04:57	S21020539.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 04:57	S21020539.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 04:57	S21020539.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 04:57	S21020539.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 04:57	S21020539.D
Naphthalene	91-20-3	<25		25	02/06/2021 04:57	S21020539.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 04:57	S21020539.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 04:57	S21020539.D
∉ TPH C4-C9		<5,000		5,000	02/06/2021 04:57	S21020539.D
∉ **TPH C10-C15**		**5,630**		5,000	02/06/2021 04:57	S21020539.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-36

PSG 34

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 05:25	S21020540.D
1,1-Dichloroethene	75-35-4	<10		10	02/06/2021 05:25	S21020540.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 05:25	S21020540.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/06/2021 05:25	S21020540.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 05:25	S21020540.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 05:25	S21020540.D
cis-1,2-Dichloroethene	156-59-2	**12**		10	02/06/2021 05:25	S21020540.D
Chloroform	67-66-3	<10		10	02/06/2021 05:25	S21020540.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 05:25	S21020540.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 05:25	S21020540.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 05:25	S21020540.D
Benzene	71-43-2	**41**		25	02/06/2021 05:25	S21020540.D
Trichloroethene	79-01-6	**473**		10	02/06/2021 05:25	S21020540.D
1,4-Dioxane	123-91-1	<10		10	02/06/2021 05:25	S21020540.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 05:25	S21020540.D
Toluene	108-88-3	<25		25	02/06/2021 05:25	S21020540.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 05:25	S21020540.D
Tetrachloroethene	127-18-4	**7,660**	D	103	02/08/2021 22:39	S21020826.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 05:25	S21020540.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 05:25	S21020540.D
Ethylbenzene	100-41-4	<25		25	02/06/2021 05:25	S21020540.D
p & m-Xylene	179601-23-1	<25		25	02/06/2021 05:25	S21020540.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 05:25	S21020540.D
o-Xylene	95-47-6	<25		25	02/06/2021 05:25	S21020540.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 05:25	S21020540.D
Isopropylbenzene	98-82-8	<25		25	02/06/2021 05:25	S21020540.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/06/2021 05:25	S21020540.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/06/2021 05:25	S21020540.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 05:25	S21020540.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 05:25	S21020540.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 05:25	S21020540.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 05:25	S21020540.D
Naphthalene	91-20-3	<25		25	02/06/2021 05:25	S21020540.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 05:25	S21020540.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 05:25	S21020540.D
∉ TPH C4-C9		<5,000		5,000	02/06/2021 05:25	S21020540.D
∉ TPH C10-C15		<5,000		5,000	02/06/2021 05:25	S21020540.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-37

PSG 35

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 05:52	S21020541.D
1,1-Dichloroethene	75-35-4	<10		10	02/06/2021 05:52	S21020541.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 05:52	S21020541.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/06/2021 05:52	S21020541.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 05:52	S21020541.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 05:52	S21020541.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/06/2021 05:52	S21020541.D
Chloroform	67-66-3	<10		10	02/06/2021 05:52	S21020541.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 05:52	S21020541.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 05:52	S21020541.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 05:52	S21020541.D
Benzene	71-43-2	<25		25	02/06/2021 05:52	S21020541.D
Trichloroethene	79-01-6	**101**		10	02/06/2021 05:52	S21020541.D
1,4-Dioxane	123-91-1	<10		10	02/06/2021 05:52	S21020541.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 05:52	S21020541.D
Toluene	108-88-3	<25		25	02/06/2021 05:52	S21020541.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 05:52	S21020541.D
Tetrachloroethene	127-18-4	**1,200**	D	103	02/08/2021 23:06	S21020827.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 05:52	S21020541.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 05:52	S21020541.D
Ethylbenzene	100-41-4	<25		25	02/06/2021 05:52	S21020541.D
p & m-Xylene	179601-23-1	<25		25	02/06/2021 05:52	S21020541.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 05:52	S21020541.D
o-Xylene	95-47-6	<25		25	02/06/2021 05:52	S21020541.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 05:52	S21020541.D
Isopropylbenzene	98-82-8	<25		25	02/06/2021 05:52	S21020541.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/06/2021 05:52	S21020541.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/06/2021 05:52	S21020541.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 05:52	S21020541.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 05:52	S21020541.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 05:52	S21020541.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 05:52	S21020541.D
Naphthalene	91-20-3	<25		25	02/06/2021 05:52	S21020541.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 05:52	S21020541.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 05:52	S21020541.D
∉ TPH C4-C9		<5,000		5,000	02/06/2021 05:52	S21020541.D
∉ TPH C10-C15		<5,000		5,000	02/06/2021 05:52	S21020541.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-38

PSG 36

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 06:19	S21020542.D
1,1-Dichloroethene	75-35-4	<10		10	02/06/2021 06:19	S21020542.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 06:19	S21020542.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/06/2021 06:19	S21020542.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 06:19	S21020542.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 06:19	S21020542.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/06/2021 06:19	S21020542.D
Chloroform	67-66-3	**17**		10	02/06/2021 06:19	S21020542.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 06:19	S21020542.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 06:19	S21020542.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 06:19	S21020542.D
Benzene	71-43-2	<25		25	02/06/2021 06:19	S21020542.D
Trichloroethene	79-01-6	<10		10	02/06/2021 06:19	S21020542.D
1,4-Dioxane	123-91-1	<10		10	02/06/2021 06:19	S21020542.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 06:19	S21020542.D
Toluene	108-88-3	<25		25	02/06/2021 06:19	S21020542.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 06:19	S21020542.D
Tetrachloroethene	127-18-4	**76**		10	02/06/2021 06:19	S21020542.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 06:19	S21020542.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 06:19	S21020542.D
Ethylbenzene	100-41-4	<25		25	02/06/2021 06:19	S21020542.D
p & m-Xylene	179601-23-1	<25		25	02/06/2021 06:19	S21020542.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 06:19	S21020542.D
o-Xylene	95-47-6	<25		25	02/06/2021 06:19	S21020542.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 06:19	S21020542.D
Isopropylbenzene	98-82-8	<25		25	02/06/2021 06:19	S21020542.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/06/2021 06:19	S21020542.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/06/2021 06:19	S21020542.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 06:19	S21020542.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 06:19	S21020542.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 06:19	S21020542.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 06:19	S21020542.D
Naphthalene	91-20-3	<25		25	02/06/2021 06:19	S21020542.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 06:19	S21020542.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 06:19	S21020542.D
∉ TPH C4-C9		<5,000		5,000	02/06/2021 06:19	S21020542.D
∉ TPH C10-C15		<5,000		5,000	02/06/2021 06:19	S21020542.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-39

PSG 37

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 06:46	S21020543.D
1,1-Dichloroethene	75-35-4	<10		10	02/06/2021 06:46	S21020543.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 06:46	S21020543.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/06/2021 06:46	S21020543.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 06:46	S21020543.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 06:46	S21020543.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/06/2021 06:46	S21020543.D
Chloroform	67-66-3	<10		10	02/06/2021 06:46	S21020543.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 06:46	S21020543.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 06:46	S21020543.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 06:46	S21020543.D
Benzene	71-43-2	<25		25	02/06/2021 06:46	S21020543.D
Trichloroethene	79-01-6	<10		10	02/06/2021 06:46	S21020543.D
1,4-Dioxane	123-91-1	<10		10	02/06/2021 06:46	S21020543.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 06:46	S21020543.D
Toluene	108-88-3	<25		25	02/06/2021 06:46	S21020543.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 06:46	S21020543.D
Tetrachloroethene	127-18-4	**38**		10	02/06/2021 06:46	S21020543.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 06:46	S21020543.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 06:46	S21020543.D
Ethylbenzene	100-41-4	<25		25	02/06/2021 06:46	S21020543.D
p & m-Xylene	179601-23-1	<25		25	02/06/2021 06:46	S21020543.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 06:46	S21020543.D
o-Xylene	95-47-6	<25		25	02/06/2021 06:46	S21020543.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 06:46	S21020543.D
Isopropylbenzene	98-82-8	<25		25	02/06/2021 06:46	S21020543.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/06/2021 06:46	S21020543.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/06/2021 06:46	S21020543.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 06:46	S21020543.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 06:46	S21020543.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 06:46	S21020543.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 06:46	S21020543.D
Naphthalene	91-20-3	<25		25	02/06/2021 06:46	S21020543.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 06:46	S21020543.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 06:46	S21020543.D
∉ TPH C4-C9		<5,000		5,000	02/06/2021 06:46	S21020543.D
∉ TPH C10-C15		<5,000		5,000	02/06/2021 06:46	S21020543.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-40

PSG 38

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 07:13	S21020544.D
1,1-Dichloroethene	75-35-4	<10		10	02/06/2021 07:13	S21020544.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 07:13	S21020544.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/06/2021 07:13	S21020544.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 07:13	S21020544.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 07:13	S21020544.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/06/2021 07:13	S21020544.D
Chloroform	67-66-3	<10		10	02/06/2021 07:13	S21020544.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 07:13	S21020544.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 07:13	S21020544.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 07:13	S21020544.D
Benzene	71-43-2	<25		25	02/06/2021 07:13	S21020544.D
Trichloroethene	79-01-6	<10		10	02/06/2021 07:13	S21020544.D
1,4-Dioxane	123-91-1	<10		10	02/06/2021 07:13	S21020544.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 07:13	S21020544.D
Toluene	108-88-3	<25		25	02/06/2021 07:13	S21020544.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 07:13	S21020544.D
Tetrachloroethene	127-18-4	<10		10	02/06/2021 07:13	S21020544.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 07:13	S21020544.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 07:13	S21020544.D
Ethylbenzene	100-41-4	<25		25	02/06/2021 07:13	S21020544.D
p & m-Xylene	179601-23-1	<25		25	02/06/2021 07:13	S21020544.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 07:13	S21020544.D
o-Xylene	95-47-6	<25		25	02/06/2021 07:13	S21020544.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 07:13	S21020544.D
Isopropylbenzene	98-82-8	<25		25	02/06/2021 07:13	S21020544.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/06/2021 07:13	S21020544.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/06/2021 07:13	S21020544.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 07:13	S21020544.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 07:13	S21020544.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 07:13	S21020544.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 07:13	S21020544.D
Naphthalene	91-20-3	<25		25	02/06/2021 07:13	S21020544.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 07:13	S21020544.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 07:13	S21020544.D
∉ TPH C4-C9		<5,000		5,000	02/06/2021 07:13	S21020544.D
∉ TPH C10-C15		<5,000		5,000	02/06/2021 07:13	S21020544.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-41

PSG 39

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/06/2021 07:41	S21020545.D
1,1-Dichloroethene	75-35-4	<10		10	02/06/2021 07:41	S21020545.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/06/2021 07:41	S21020545.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/06/2021 07:41	S21020545.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/06/2021 07:41	S21020545.D
1,1-Dichloroethane	75-34-3	<10		10	02/06/2021 07:41	S21020545.D
cis-1,2-Dichloroethene	156-59-2	<10		10	02/06/2021 07:41	S21020545.D
Chloroform	67-66-3	<10		10	02/06/2021 07:41	S21020545.D
1,2-Dichloroethane	107-06-2	<10		10	02/06/2021 07:41	S21020545.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/06/2021 07:41	S21020545.D
Carbon Tetrachloride	56-23-5	<10		10	02/06/2021 07:41	S21020545.D
Benzene	71-43-2	<25		25	02/06/2021 07:41	S21020545.D
Trichloroethene	79-01-6	<10		10	02/06/2021 07:41	S21020545.D
1,4-Dioxane	123-91-1	<10		10	02/06/2021 07:41	S21020545.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/06/2021 07:41	S21020545.D
Toluene	108-88-3	<25		25	02/06/2021 07:41	S21020545.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/06/2021 07:41	S21020545.D
Tetrachloroethene	127-18-4	<10		10	02/06/2021 07:41	S21020545.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/06/2021 07:41	S21020545.D
Chlorobenzene	108-90-7	<10		10	02/06/2021 07:41	S21020545.D
Ethylbenzene	100-41-4	<25		25	02/06/2021 07:41	S21020545.D
p & m-Xylene	179601-23-1	<25		25	02/06/2021 07:41	S21020545.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/06/2021 07:41	S21020545.D
o-Xylene	95-47-6	<25		25	02/06/2021 07:41	S21020545.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/06/2021 07:41	S21020545.D
Isopropylbenzene	98-82-8	<25		25	02/06/2021 07:41	S21020545.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/06/2021 07:41	S21020545.D
1,2,4-Trimethylbenzene	95-63-6	<25		25	02/06/2021 07:41	S21020545.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/06/2021 07:41	S21020545.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/06/2021 07:41	S21020545.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/06/2021 07:41	S21020545.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/06/2021 07:41	S21020545.D
Naphthalene	91-20-3	<25		25	02/06/2021 07:41	S21020545.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/06/2021 07:41	S21020545.D
2-Methylnaphthalene	91-57-6	<25		25	02/06/2021 07:41	S21020545.D
∉ TPH C4-C9		<5,000		5,000	02/06/2021 07:41	S21020545.D
∉ TPH C10-C15		<5,000		5,000	02/06/2021 07:41	S21020545.D

BEACON ENVIRONMENTAL

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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-42

PSG 20 Dup

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (ng)	Q	LOQ (ng)	Analyzed	File ID
Vinyl Chloride	75-01-4	<10		10	02/08/2021 13:00	S21020805.D
1,1-Dichloroethene	75-35-4	<10		10	02/08/2021 13:00	S21020805.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10		10	02/08/2021 13:00	S21020805.D
trans-1,2-Dichloroethene	156-60-5	<10		10	02/08/2021 13:00	S21020805.D
Methyl-t-butyl ether	1634-04-4	<25		25	02/08/2021 13:00	S21020805.D
1,1-Dichloroethane	75-34-3	<10		10	02/08/2021 13:00	S21020805.D
cis-1,2-Dichloroethene	156-59-2	**87**		10	02/08/2021 13:00	S21020805.D
Chloroform	67-66-3	<10		10	02/08/2021 13:00	S21020805.D
1,2-Dichloroethane	107-06-2	<10		10	02/08/2021 13:00	S21020805.D
1,1,1-Trichloroethane	71-55-6	<10		10	02/08/2021 13:00	S21020805.D
Carbon Tetrachloride	56-23-5	<10		10	02/08/2021 13:00	S21020805.D
Benzene	71-43-2	**30**		25	02/08/2021 13:00	S21020805.D
Trichloroethene	79-01-6	**1,530**	D	103	02/09/2021 15:31	S21020905.D
1,4-Dioxane	123-91-1	<10		10	02/08/2021 13:00	S21020805.D
1,1,2-Trichloroethane	79-00-5	<10		10	02/08/2021 13:00	S21020805.D
Toluene	108-88-3	**25**		25	02/08/2021 13:00	S21020805.D
1,2-Dibromoethane (EDB)	106-93-4	<10		10	02/08/2021 13:00	S21020805.D
Tetrachloroethene	127-18-4	**40,200**	D	848	02/10/2021 10:36	S21020933.D
1,1,1,2-Tetrachloroethane	630-20-6	<10		10	02/08/2021 13:00	S21020805.D
Chlorobenzene	108-90-7	<10		10	02/08/2021 13:00	S21020805.D
Ethylbenzene	100-41-4	**391**		25	02/08/2021 13:00	S21020805.D
p & m-Xylene	179601-23-1	**1,530**	D	259	02/09/2021 15:31	S21020905.D
1,1,2,2-Tetrachloroethane	79-34-5	<10		10	02/08/2021 13:00	S21020805.D
o-Xylene	95-47-6	**521**		25	02/08/2021 13:00	S21020805.D
1,2,3-Trichloropropane	96-18-4	<10		10	02/08/2021 13:00	S21020805.D
Isopropylbenzene	98-82-8	<25		25	02/08/2021 13:00	S21020805.D
1,3,5-Trimethylbenzene	108-67-8	<25		25	02/08/2021 13:00	S21020805.D
1,2,4-Trimethylbenzene	95-63-6	**51**		25	02/08/2021 13:00	S21020805.D
1,3-Dichlorobenzene	541-73-1	<10		10	02/08/2021 13:00	S21020805.D
1,4-Dichlorobenzene	106-46-7	<10		10	02/08/2021 13:00	S21020805.D
1,2-Dichlorobenzene	95-50-1	<10		10	02/08/2021 13:00	S21020805.D
1,2,4-Trichlorobenzene	120-82-1	<10		10	02/08/2021 13:00	S21020805.D
Naphthalene	91-20-3	<25		25	02/08/2021 13:00	S21020805.D
1,2,3-Trichlorobenzene	87-61-6	<10		10	02/08/2021 13:00	S21020805.D
2-Methylnaphthalene	91-57-6	<25		25	02/08/2021 13:00	S21020805.D
∉ TPH C4-C9		<5,000		5,000	02/08/2021 13:00	S21020805.D
∉ **TPH C10-C15**		**5,210**		5,000	02/08/2021 13:00	S21020805.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Detailed Analytical Results- Concentration

2203A Commerce Road, Suite 1
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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-01

Trip 1

Air

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/05/2021 13:30	S21020505.D
1,1-Dichloroethene	75-35-4	<1.50		1.50	02/05/2021 13:30	S21020505.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 13:30	S21020505.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/05/2021 13:30	S21020505.D
Methyl-t-butyl ether	1634-04-4	<2.48		2.48	02/05/2021 13:30	S21020505.D
1,1-Dichloroethane	75-34-3	<0.58		0.58	02/05/2021 13:30	S21020505.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/05/2021 13:30	S21020505.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 13:30	S21020505.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 13:30	S21020505.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 13:30	S21020505.D
Carbon Tetrachloride	56-23-5	<1.15		1.15	02/05/2021 13:30	S21020505.D
Benzene	71-43-2	<2.34		2.34	02/05/2021 13:30	S21020505.D
Trichloroethene	79-01-6	<1.50		1.50	02/05/2021 13:30	S21020505.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/05/2021 13:30	S21020505.D
1,1,2-Trichloroethane	79-00-5	<1.50		1.50	02/05/2021 13:30	S21020505.D
Toluene	108-88-3	<3.10		3.10	02/05/2021 13:30	S21020505.D
1,2-Dibromoethane (EDB)	106-93-4	<1.27		1.27	02/05/2021 13:30	S21020505.D
Tetrachloroethene	127-18-4	<1.21		1.21	02/05/2021 13:30	S21020505.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/05/2021 13:30	S21020505.D
Chlorobenzene	108-90-7	<0.58		0.58	02/05/2021 13:30	S21020505.D
Ethylbenzene	100-41-4	<1.46		1.46	02/05/2021 13:30	S21020505.D
p & m-Xylene	179601-23-1	<1.41		1.41	02/05/2021 13:30	S21020505.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/05/2021 13:30	S21020505.D
o-Xylene	95-47-6	<1.41		1.41	02/05/2021 13:30	S21020505.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 13:30	S21020505.D
Isopropylbenzene	98-82-8	<1.49		1.49	02/05/2021 13:30	S21020505.D
1,3,5-Trimethylbenzene	108-67-8	<1.49		1.49	02/05/2021 13:30	S21020505.D
1,2,4-Trimethylbenzene	95-63-6	<1.49		1.49	02/05/2021 13:30	S21020505.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 13:30	S21020505.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 13:30	S21020505.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 13:30	S21020505.D
1,2,4-Trichlorobenzene	120-82-1	<1.27		1.27	02/05/2021 13:30	S21020505.D
Naphthalene	91-20-3	<1.55		1.55	02/05/2021 13:30	S21020505.D
1,2,3-Trichlorobenzene	87-61-6	<1.27		1.27	02/05/2021 13:30	S21020505.D
2-Methylnaphthalene	91-57-6	<1.63		1.63	02/05/2021 13:30	S21020505.D
∉ TPH C4-C9		<420		420	02/05/2021 13:30	S21020505.D
∉ TPH C10-C15		<359		359	02/05/2021 13:30	S21020505.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-02

Trip 2

Air

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/05/2021 13:53	S21020506.D
1,1-Dichloroethene	75-35-4	<1.50		1.50	02/05/2021 13:53	S21020506.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 13:53	S21020506.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/05/2021 13:53	S21020506.D
Methyl-t-butyl ether	1634-04-4	<2.48		2.48	02/05/2021 13:53	S21020506.D
1,1-Dichloroethane	75-34-3	<0.58		0.58	02/05/2021 13:53	S21020506.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/05/2021 13:53	S21020506.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 13:53	S21020506.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 13:53	S21020506.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 13:53	S21020506.D
Carbon Tetrachloride	56-23-5	<1.15		1.15	02/05/2021 13:53	S21020506.D
Benzene	71-43-2	<2.34		2.34	02/05/2021 13:53	S21020506.D
Trichloroethene	79-01-6	<1.50		1.50	02/05/2021 13:53	S21020506.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/05/2021 13:53	S21020506.D
1,1,2-Trichloroethane	79-00-5	<1.50		1.50	02/05/2021 13:53	S21020506.D
Toluene	108-88-3	<3.10		3.10	02/05/2021 13:53	S21020506.D
1,2-Dibromoethane (EDB)	106-93-4	<1.27		1.27	02/05/2021 13:53	S21020506.D
Tetrachloroethene	127-18-4	<1.21		1.21	02/05/2021 13:53	S21020506.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/05/2021 13:53	S21020506.D
Chlorobenzene	108-90-7	<0.58		0.58	02/05/2021 13:53	S21020506.D
Ethylbenzene	100-41-4	<1.46		1.46	02/05/2021 13:53	S21020506.D
p & m-Xylene	179601-23-1	<1.41		1.41	02/05/2021 13:53	S21020506.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/05/2021 13:53	S21020506.D
o-Xylene	95-47-6	<1.41		1.41	02/05/2021 13:53	S21020506.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 13:53	S21020506.D
Isopropylbenzene	98-82-8	<1.49		1.49	02/05/2021 13:53	S21020506.D
1,3,5-Trimethylbenzene	108-67-8	<1.49		1.49	02/05/2021 13:53	S21020506.D
1,2,4-Trimethylbenzene	95-63-6	<1.49		1.49	02/05/2021 13:53	S21020506.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 13:53	S21020506.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 13:53	S21020506.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 13:53	S21020506.D
1,2,4-Trichlorobenzene	120-82-1	<1.27		1.27	02/05/2021 13:53	S21020506.D
Naphthalene	91-20-3	<1.55		1.55	02/05/2021 13:53	S21020506.D
1,2,3-Trichlorobenzene	87-61-6	<1.27		1.27	02/05/2021 13:53	S21020506.D
2-Methylnaphthalene	91-57-6	<1.63		1.63	02/05/2021 13:53	S21020506.D
∉ TPH C4-C9		<420		420	02/05/2021 13:53	S21020506.D
∉ TPH C10-C15		<359		359	02/05/2021 13:53	S21020506.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-03

PSG 1

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	**1.52**		0.61	02/05/2021 14:20	S21020507.D
1,1-Dichloroethene	75-35-4	**3.28**		1.51	02/05/2021 14:20	S21020507.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 14:20	S21020507.D
trans-1,2-Dichloroethene	156-60-5	**35.2**		1.13	02/05/2021 14:20	S21020507.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 14:20	S21020507.D
1,1-Dichloroethane	75-34-3	**1.15**		0.59	02/05/2021 14:20	S21020507.D
cis-1,2-Dichloroethene	156-59-2	**434**	D	9.71	02/06/2021 08:10	S21020546.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 14:20	S21020507.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 14:20	S21020507.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 14:20	S21020507.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 14:20	S21020507.D
Benzene	71-43-2	**6.56**		2.35	02/05/2021 14:20	S21020507.D
Trichloroethene	79-01-6	**39.0**		1.51	02/05/2021 14:20	S21020507.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/05/2021 14:20	S21020507.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 14:20	S21020507.D
Toluene	108-88-3	**10.3**		3.11	02/05/2021 14:20	S21020507.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 14:20	S21020507.D
Tetrachloroethene	127-18-4	**28.3**		1.21	02/05/2021 14:20	S21020507.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/05/2021 14:20	S21020507.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 14:20	S21020507.D
Ethylbenzene	100-41-4	**90.7**	D	15.1	02/06/2021 08:10	S21020546.D
p & m-Xylene	179601-23-1	**339**	D	14.6	02/06/2021 08:10	S21020546.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/05/2021 14:20	S21020507.D
o-Xylene	95-47-6	**137**	D	14.6	02/06/2021 08:10	S21020546.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 14:20	S21020507.D
Isopropylbenzene	98-82-8	**2.63**		1.50	02/05/2021 14:20	S21020507.D
1,3,5-Trimethylbenzene	108-67-8	**4.59**		1.50	02/05/2021 14:20	S21020507.D
1,2,4-Trimethylbenzene	95-63-6	**10.4**		1.50	02/05/2021 14:20	S21020507.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 14:20	S21020507.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 14:20	S21020507.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 14:20	S21020507.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 14:20	S21020507.D
Naphthalene	91-20-3	<1.56		1.56	02/05/2021 14:20	S21020507.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 14:20	S21020507.D
2-Methylnaphthalene	91-57-6	**6.17**		1.64	02/05/2021 14:20	S21020507.D
≤ **TPH C4-C9**		**6,190**		422	02/05/2021 14:20	S21020507.D
≤ **TPH C10-C15**		**1,890**		361	02/05/2021 14:20	S21020507.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-04

PSG 2

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/05/2021 14:48	S21020508.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/05/2021 14:48	S21020508.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 14:48	S21020508.D
trans-1,2-Dichloroethene	156-60-5	**3.67**		1.13	02/05/2021 14:48	S21020508.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 14:48	S21020508.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 14:48	S21020508.D
cis-1,2-Dichloroethene	156-59-2	**38.8**		0.94	02/05/2021 14:48	S21020508.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 14:48	S21020508.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 14:48	S21020508.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 14:48	S21020508.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 14:48	S21020508.D
Benzene	71-43-2	**10.2**		2.35	02/05/2021 14:48	S21020508.D
Trichloroethene	79-01-6	**17.5**		1.51	02/05/2021 14:48	S21020508.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 14:48	S21020508.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 14:48	S21020508.D
Toluene	108-88-3	**15.7**		3.11	02/05/2021 14:48	S21020508.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 14:48	S21020508.D
Tetrachloroethene	127-18-4	**15.4**		1.22	02/05/2021 14:48	S21020508.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 14:48	S21020508.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 14:48	S21020508.D
Ethylbenzene	100-41-4	**94.9**	D	15.2	02/06/2021 08:37	S21020547.D
p & m-Xylene	179601-23-1	**379**	D	14.6	02/06/2021 08:37	S21020547.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 14:48	S21020508.D
o-Xylene	95-47-6	**124**	D	14.6	02/06/2021 08:37	S21020547.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 14:48	S21020508.D
Isopropylbenzene	98-82-8	**2.23**		1.50	02/05/2021 14:48	S21020508.D
1,3,5-Trimethylbenzene	108-67-8	**5.00**		1.50	02/05/2021 14:48	S21020508.D
1,2,4-Trimethylbenzene	95-63-6	**12.5**		1.50	02/05/2021 14:48	S21020508.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 14:48	S21020508.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 14:48	S21020508.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 14:48	S21020508.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 14:48	S21020508.D
Naphthalene	91-20-3	<1.56		1.56	02/05/2021 14:48	S21020508.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 14:48	S21020508.D
2-Methylnaphthalene	91-57-6	**6.27**		1.64	02/05/2021 14:48	S21020508.D
∉ **TPH C4-C9**		**8,960**		422	02/05/2021 14:48	S21020508.D
∉ **TPH C10-C15**		**1,770**		361	02/05/2021 14:48	S21020508.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-05

PSG 3

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	**11.1**		0.62	02/05/2021 15:15	S21020509.D
1,1-Dichloroethene	75-35-4	**1.54**		1.51	02/05/2021 15:15	S21020509.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 15:15	S21020509.D
trans-1,2-Dichloroethene	156-60-5	**14.9**		1.13	02/05/2021 15:15	S21020509.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 15:15	S21020509.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 15:15	S21020509.D
cis-1,2-Dichloroethene	156-59-2	**29.2**		0.94	02/05/2021 15:15	S21020509.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 15:15	S21020509.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 15:15	S21020509.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 15:15	S21020509.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 15:15	S21020509.D
Benzene	71-43-2	**14.1**		2.35	02/05/2021 15:15	S21020509.D
Trichloroethene	79-01-6	**17.5**		1.51	02/05/2021 15:15	S21020509.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 15:15	S21020509.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 15:15	S21020509.D
Toluene	108-88-3	**9.69**		3.11	02/05/2021 15:15	S21020509.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 15:15	S21020509.D
Tetrachloroethene	127-18-4	<1.22		1.22	02/05/2021 15:15	S21020509.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 15:15	S21020509.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 15:15	S21020509.D
Ethylbenzene	100-41-4	**191**	D	15.2	02/06/2021 09:04	S21020548.D
p & m-Xylene	179601-23-1	**71.8**	D	14.6	02/08/2021 13:55	S21020807.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 15:15	S21020509.D
o-Xylene	95-47-6	**314**	D	14.6	02/06/2021 09:04	S21020548.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 15:15	S21020509.D
Isopropylbenzene	98-82-8	**5.75**		1.50	02/05/2021 15:15	S21020509.D
1,3,5-Trimethylbenzene	108-67-8	**14.0**		1.50	02/05/2021 15:15	S21020509.D
1,2,4-Trimethylbenzene	95-63-6	**33.9**		1.50	02/05/2021 15:15	S21020509.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 15:15	S21020509.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 15:15	S21020509.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 15:15	S21020509.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 15:15	S21020509.D
Naphthalene	91-20-3	**1.82**		1.56	02/05/2021 15:15	S21020509.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 15:15	S21020509.D
2-Methylnaphthalene	91-57-6	**6.37**		1.64	02/05/2021 15:15	S21020509.D
≪ **TPH C4-C9**		**9,210**		422	02/05/2021 15:15	S21020509.D
≪ **TPH C10-C15**		**4,110**		361	02/05/2021 15:15	S21020509.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-06

PSG 4

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	**1.24**		0.62	02/05/2021 15:43	S21020510.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/05/2021 15:43	S21020510.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 15:43	S21020510.D
trans-1,2-Dichloroethene	156-60-5	**2.16**		1.13	02/05/2021 15:43	S21020510.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 15:43	S21020510.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 15:43	S21020510.D
cis-1,2-Dichloroethene	156-59-2	**7.38**		0.94	02/05/2021 15:43	S21020510.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 15:43	S21020510.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 15:43	S21020510.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 15:43	S21020510.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 15:43	S21020510.D
Benzene	71-43-2	**13.2**		2.35	02/05/2021 15:43	S21020510.D
Trichloroethene	79-01-6	**6.35**		1.51	02/05/2021 15:43	S21020510.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 15:43	S21020510.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 15:43	S21020510.D
Toluene	108-88-3	**9.64**		3.12	02/05/2021 15:43	S21020510.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 15:43	S21020510.D
Tetrachloroethene	127-18-4	**3.79**		1.22	02/05/2021 15:43	S21020510.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 15:43	S21020510.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 15:43	S21020510.D
Ethylbenzene	100-41-4	**8.57**		1.47	02/05/2021 15:43	S21020510.D
p & m-Xylene	179601-23-1	**32.7**		1.42	02/05/2021 15:43	S21020510.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 15:43	S21020510.D
o-Xylene	95-47-6	**11.5**		1.42	02/05/2021 15:43	S21020510.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 15:43	S21020510.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/05/2021 15:43	S21020510.D
1,3,5-Trimethylbenzene	108-67-8	**2.50**		1.50	02/05/2021 15:43	S21020510.D
1,2,4-Trimethylbenzene	95-63-6	**7.59**		1.50	02/05/2021 15:43	S21020510.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 15:43	S21020510.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 15:43	S21020510.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 15:43	S21020510.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 15:43	S21020510.D
Naphthalene	91-20-3	<1.56		1.56	02/05/2021 15:43	S21020510.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 15:43	S21020510.D
2-Methylnaphthalene	91-57-6	**4.24**		1.64	02/05/2021 15:43	S21020510.D
∉ **TPH C4-C9**		**4,920**		422	02/05/2021 15:43	S21020510.D
∉ **TPH C10-C15**		**1,990**		361	02/05/2021 15:43	S21020510.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-07

PSG 5

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	**14.9**		0.62	02/05/2021 16:10	S21020511.D
1,1-Dichloroethene	75-35-4	**2.59**		1.51	02/05/2021 16:10	S21020511.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 16:10	S21020511.D
trans-1,2-Dichloroethene	156-60-5	**10.9**		1.13	02/05/2021 16:10	S21020511.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 16:10	S21020511.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 16:10	S21020511.D
cis-1,2-Dichloroethene	156-59-2	**75.6**		0.94	02/05/2021 16:10	S21020511.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 16:10	S21020511.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 16:10	S21020511.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 16:10	S21020511.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 16:10	S21020511.D
Benzene	71-43-2	**18.5**		2.35	02/05/2021 16:10	S21020511.D
Trichloroethene	79-01-6	**7.83**		1.51	02/05/2021 16:10	S21020511.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 16:10	S21020511.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 16:10	S21020511.D
Toluene	108-88-3	**11.0**		3.12	02/05/2021 16:10	S21020511.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 16:10	S21020511.D
Tetrachloroethene	127-18-4	<1.22		1.22	02/05/2021 16:10	S21020511.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 16:10	S21020511.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 16:10	S21020511.D
Ethylbenzene	100-41-4	**14.4**		1.47	02/05/2021 16:10	S21020511.D
p & m-Xylene	179601-23-1	**56.0**		1.42	02/05/2021 16:10	S21020511.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 16:10	S21020511.D
o-Xylene	95-47-6	**18.9**		1.42	02/05/2021 16:10	S21020511.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 16:10	S21020511.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/05/2021 16:10	S21020511.D
1,3,5-Trimethylbenzene	108-67-8	**1.99**		1.50	02/05/2021 16:10	S21020511.D
1,2,4-Trimethylbenzene	95-63-6	**5.57**		1.50	02/05/2021 16:10	S21020511.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 16:10	S21020511.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 16:10	S21020511.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 16:10	S21020511.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 16:10	S21020511.D
Naphthalene	91-20-3	**5.23**		1.56	02/05/2021 16:10	S21020511.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 16:10	S21020511.D
2-Methylnaphthalene	91-57-6	**32.4**		1.64	02/05/2021 16:10	S21020511.D
≤ **TPH C4-C9**		**8,350**		423	02/05/2021 16:10	S21020511.D
≤ **TPH C10-C15**		**3,480**		361	02/05/2021 16:10	S21020511.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-08

PSG 6

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	**112**	D	6.37	02/08/2021 14:22	S21020808.D
1,1-Dichloroethene	75-35-4	**18.1**		1.51	02/05/2021 16:38	S21020512.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 16:38	S21020512.D
trans-1,2-Dichloroethene	156-60-5	**341**	D	11.7	02/08/2021 14:22	S21020808.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 16:38	S21020512.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 16:38	S21020512.D
cis-1,2-Dichloroethene	156-59-2	**482**	D	9.73	02/08/2021 14:22	S21020808.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 16:38	S21020512.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 16:38	S21020512.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 16:38	S21020512.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 16:38	S21020512.D
Benzene	71-43-2	**65.7**		2.35	02/05/2021 16:38	S21020512.D
Trichloroethene	79-01-6	**331**	D	15.6	02/08/2021 14:22	S21020808.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 16:38	S21020512.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 16:38	S21020512.D
Toluene	108-88-3	**64.0**		3.12	02/05/2021 16:38	S21020512.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 16:38	S21020512.D
Tetrachloroethene	127-18-4	**47.1**		1.22	02/05/2021 16:38	S21020512.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 16:38	S21020512.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 16:38	S21020512.D
Ethylbenzene	100-41-4	**32.5**		1.47	02/05/2021 16:38	S21020512.D
p & m-Xylene	179601-23-1	**110**	D	14.6	02/08/2021 14:22	S21020808.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 16:38	S21020512.D
o-Xylene	95-47-6	**40.3**		1.42	02/05/2021 16:38	S21020512.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 16:38	S21020512.D
Isopropylbenzene	98-82-8	**1.99**		1.50	02/05/2021 16:38	S21020512.D
1,3,5-Trimethylbenzene	108-67-8	**3.89**		1.50	02/05/2021 16:38	S21020512.D
1,2,4-Trimethylbenzene	95-63-6	**8.77**		1.50	02/05/2021 16:38	S21020512.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 16:38	S21020512.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 16:38	S21020512.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 16:38	S21020512.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 16:38	S21020512.D
Naphthalene	91-20-3	**3.52**		1.56	02/05/2021 16:38	S21020512.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 16:38	S21020512.D
2-Methylnaphthalene	91-57-6	**16.4**		1.64	02/05/2021 16:38	S21020512.D
≤ **TPH C4-C9**		**22,200**		423	02/05/2021 16:38	S21020512.D
≤ **TPH C10-C15**		**4,060**		361	02/05/2021 16:38	S21020512.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-09

PSG 7

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	**53.0**		0.62	02/05/2021 17:05	S21020513.D
1,1-Dichloroethene	75-35-4	**5.76**		1.51	02/05/2021 17:05	S21020513.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 17:05	S21020513.D
trans-1,2-Dichloroethene	156-60-5	**45.2**		1.13	02/05/2021 17:05	S21020513.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 17:05	S21020513.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 17:05	S21020513.D
cis-1,2-Dichloroethene	156-59-2	**172**	D	9.73	02/08/2021 14:50	S21020809.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 17:05	S21020513.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 17:05	S21020513.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 17:05	S21020513.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 17:05	S21020513.D
Benzene	71-43-2	**5.97**		2.35	02/05/2021 17:05	S21020513.D
Trichloroethene	79-01-6	**26.0**		1.51	02/05/2021 17:05	S21020513.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 17:05	S21020513.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 17:05	S21020513.D
Toluene	108-88-3	<3.12		3.12	02/05/2021 17:05	S21020513.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 17:05	S21020513.D
Tetrachloroethene	127-18-4	**4.75**		1.22	02/05/2021 17:05	S21020513.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 17:05	S21020513.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 17:05	S21020513.D
Ethylbenzene	100-41-4	**25.3**		1.47	02/05/2021 17:05	S21020513.D
p & m-Xylene	179601-23-1	**115**	D	14.6	02/08/2021 14:50	S21020809.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 17:05	S21020513.D
o-Xylene	95-47-6	**29.9**		1.42	02/05/2021 17:05	S21020513.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 17:05	S21020513.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/05/2021 17:05	S21020513.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/05/2021 17:05	S21020513.D
1,2,4-Trimethylbenzene	95-63-6	**2.23**		1.50	02/05/2021 17:05	S21020513.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 17:05	S21020513.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 17:05	S21020513.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 17:05	S21020513.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 17:05	S21020513.D
Naphthalene	91-20-3	<1.56		1.56	02/05/2021 17:05	S21020513.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 17:05	S21020513.D
2-Methylnaphthalene	91-57-6	**2.21**		1.64	02/05/2021 17:05	S21020513.D
∉ **TPH C4-C9**		**4,120**		423	02/05/2021 17:05	S21020513.D
∉ **TPH C10-C15**		**722**		361	02/05/2021 17:05	S21020513.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-10

PSG 8

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	**301**	D	6.37	02/08/2021 15:18	S21020810.D
1,1-Dichloroethene	75-35-4	**16.0**		1.51	02/05/2021 17:32	S21020514.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 17:32	S21020514.D
trans-1,2-Dichloroethene	156-60-5	**164**	D	11.7	02/08/2021 15:18	S21020810.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 17:32	S21020514.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 17:32	S21020514.D
cis-1,2-Dichloroethene	156-59-2	**735**	D	9.73	02/08/2021 15:18	S21020810.D
Chloroform	67-66-3	<1.43		1.43	02/05/2021 17:32	S21020514.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 17:32	S21020514.D
1,1,1-Trichloroethane	71-55-6	<0.48		0.48	02/05/2021 17:32	S21020514.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 17:32	S21020514.D
Benzene	71-43-2	**30.5**		2.35	02/05/2021 17:32	S21020514.D
Trichloroethene	79-01-6	**31.6**		1.51	02/05/2021 17:32	S21020514.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 17:32	S21020514.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 17:32	S21020514.D
Toluene	108-88-3	**25.1**		3.12	02/05/2021 17:32	S21020514.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 17:32	S21020514.D
Tetrachloroethene	127-18-4	**3.10**		1.22	02/05/2021 17:32	S21020514.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 17:32	S21020514.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 17:32	S21020514.D
Ethylbenzene	100-41-4	**36.1**		1.47	02/05/2021 17:32	S21020514.D
p & m-Xylene	179601-23-1	**150**	D	14.7	02/08/2021 15:18	S21020810.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 17:32	S21020514.D
o-Xylene	95-47-6	**48.1**		1.42	02/05/2021 17:32	S21020514.D
1,2,3-Trichloropropane	96-18-4	<0.67		0.67	02/05/2021 17:32	S21020514.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/05/2021 17:32	S21020514.D
1,3,5-Trimethylbenzene	108-67-8	**2.43**		1.50	02/05/2021 17:32	S21020514.D
1,2,4-Trimethylbenzene	95-63-6	**5.62**		1.50	02/05/2021 17:32	S21020514.D
1,3-Dichlorobenzene	541-73-1	<0.67		0.67	02/05/2021 17:32	S21020514.D
1,4-Dichlorobenzene	106-46-7	<0.67		0.67	02/05/2021 17:32	S21020514.D
1,2-Dichlorobenzene	95-50-1	<0.67		0.67	02/05/2021 17:32	S21020514.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 17:32	S21020514.D
Naphthalene	91-20-3	**3.23**		1.56	02/05/2021 17:32	S21020514.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 17:32	S21020514.D
2-Methylnaphthalene	91-57-6	**21.3**		1.64	02/05/2021 17:32	S21020514.D
≤ **TPH C4-C9**		**16,300**		423	02/05/2021 17:32	S21020514.D
≤ **TPH C10-C15**		**3,530**		361	02/05/2021 17:32	S21020514.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-11

PSG 9

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/05/2021 18:01	S21020515.D
1,1-Dichloroethene	75-35-4	<1.50		1.50	02/05/2021 18:01	S21020515.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 18:01	S21020515.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/05/2021 18:01	S21020515.D
Methyl-t-butyl ether	1634-04-4	<2.48		2.48	02/05/2021 18:01	S21020515.D
1,1-Dichloroethane	75-34-3	<0.58		0.58	02/05/2021 18:01	S21020515.D
cis-1,2-Dichloroethene	156-59-2	**1.93**		0.94	02/05/2021 18:01	S21020515.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 18:01	S21020515.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 18:01	S21020515.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 18:01	S21020515.D
Carbon Tetrachloride	56-23-5	<1.15		1.15	02/05/2021 18:01	S21020515.D
Benzene	71-43-2	**5.11**		2.34	02/05/2021 18:01	S21020515.D
Trichloroethene	79-01-6	**24.2**		1.50	02/05/2021 18:01	S21020515.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/05/2021 18:01	S21020515.D
1,1,2-Trichloroethane	79-00-5	<1.50		1.50	02/05/2021 18:01	S21020515.D
Toluene	108-88-3	**4.22**		3.10	02/05/2021 18:01	S21020515.D
1,2-Dibromoethane (EDB)	106-93-4	<1.27		1.27	02/05/2021 18:01	S21020515.D
Tetrachloroethene	127-18-4	**63.3**		1.21	02/05/2021 18:01	S21020515.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/05/2021 18:01	S21020515.D
Chlorobenzene	108-90-7	<0.58		0.58	02/05/2021 18:01	S21020515.D
Ethylbenzene	100-41-4	<1.46		1.46	02/05/2021 18:01	S21020515.D
p & m-Xylene	179601-23-1	**1.96**		1.41	02/05/2021 18:01	S21020515.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/05/2021 18:01	S21020515.D
o-Xylene	95-47-6	<1.41		1.41	02/05/2021 18:01	S21020515.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 18:01	S21020515.D
Isopropylbenzene	98-82-8	<1.49		1.49	02/05/2021 18:01	S21020515.D
1,3,5-Trimethylbenzene	108-67-8	<1.49		1.49	02/05/2021 18:01	S21020515.D
1,2,4-Trimethylbenzene	95-63-6	<1.49		1.49	02/05/2021 18:01	S21020515.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 18:01	S21020515.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 18:01	S21020515.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 18:01	S21020515.D
1,2,4-Trichlorobenzene	120-82-1	<1.27		1.27	02/05/2021 18:01	S21020515.D
Naphthalene	91-20-3	<1.55		1.55	02/05/2021 18:01	S21020515.D
1,2,3-Trichlorobenzene	87-61-6	<1.27		1.27	02/05/2021 18:01	S21020515.D
2-Methylnaphthalene	91-57-6	<1.63		1.63	02/05/2021 18:01	S21020515.D
∉ TPH C4-C9		<420		420	02/05/2021 18:01	S21020515.D
∉ TPH C10-C15		<359		359	02/05/2021 18:01	S21020515.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-12

PSG 10

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/05/2021 18:28	S21020516.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/05/2021 18:28	S21020516.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 18:28	S21020516.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/05/2021 18:28	S21020516.D
Methyl-t-butyl ether	1634-04-4	<2.50		2.50	02/05/2021 18:28	S21020516.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 18:28	S21020516.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/05/2021 18:28	S21020516.D
Chloroform	67-66-3	<1.43		1.43	02/05/2021 18:28	S21020516.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 18:28	S21020516.D
1,1,1-Trichloroethane	71-55-6	<0.48		0.48	02/05/2021 18:28	S21020516.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 18:28	S21020516.D
Benzene	71-43-2	**4.12**		2.35	02/05/2021 18:28	S21020516.D
Trichloroethene	79-01-6	**5.33**		1.51	02/05/2021 18:28	S21020516.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 18:28	S21020516.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 18:28	S21020516.D
Toluene	108-88-3	**5.43**		3.12	02/05/2021 18:28	S21020516.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 18:28	S21020516.D
Tetrachloroethene	127-18-4	**13.2**		1.22	02/05/2021 18:28	S21020516.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 18:28	S21020516.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 18:28	S21020516.D
Ethylbenzene	100-41-4	**96.2**	D	15.2	02/08/2021 15:45	S21020811.D
p & m-Xylene	179601-23-1	**410**	D	14.7	02/08/2021 15:45	S21020811.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 18:28	S21020516.D
o-Xylene	95-47-6	**150**	D	14.7	02/08/2021 15:45	S21020811.D
1,2,3-Trichloropropane	96-18-4	<0.67		0.67	02/05/2021 18:28	S21020516.D
Isopropylbenzene	98-82-8	**2.28**		1.50	02/05/2021 18:28	S21020516.D
1,3,5-Trimethylbenzene	108-67-8	**4.00**		1.50	02/05/2021 18:28	S21020516.D
1,2,4-Trimethylbenzene	95-63-6	**7.84**		1.50	02/05/2021 18:28	S21020516.D
1,3-Dichlorobenzene	541-73-1	<0.67		0.67	02/05/2021 18:28	S21020516.D
1,4-Dichlorobenzene	106-46-7	<0.67		0.67	02/05/2021 18:28	S21020516.D
1,2-Dichlorobenzene	95-50-1	<0.67		0.67	02/05/2021 18:28	S21020516.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 18:28	S21020516.D
Naphthalene	91-20-3	<1.56		1.56	02/05/2021 18:28	S21020516.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 18:28	S21020516.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/05/2021 18:28	S21020516.D
∉ **TPH C4-C9**		**6,170**		423	02/05/2021 18:28	S21020516.D
∉ **TPH C10-C15**		**963**		362	02/05/2021 18:28	S21020516.D

BEACON ENVIRONMENTAL

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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-13

PSG 11

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/05/2021 18:55	S21020517.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/05/2021 18:55	S21020517.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 18:55	S21020517.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/05/2021 18:55	S21020517.D
Methyl-t-butyl ether	1634-04-4	<2.50		2.50	02/05/2021 18:55	S21020517.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 18:55	S21020517.D
cis-1,2-Dichloroethene	156-59-2	**1.60**		0.94	02/05/2021 18:55	S21020517.D
Chloroform	67-66-3	<1.43		1.43	02/05/2021 18:55	S21020517.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 18:55	S21020517.D
1,1,1-Trichloroethane	71-55-6	<0.48		0.48	02/05/2021 18:55	S21020517.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 18:55	S21020517.D
Benzene	71-43-2	<2.35		2.35	02/05/2021 18:55	S21020517.D
Trichloroethene	79-01-6	**27.7**		1.51	02/05/2021 18:55	S21020517.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 18:55	S21020517.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 18:55	S21020517.D
Toluene	108-88-3	<3.12		3.12	02/05/2021 18:55	S21020517.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 18:55	S21020517.D
Tetrachloroethene	127-18-4	**78.2**		1.22	02/05/2021 18:55	S21020517.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 18:55	S21020517.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 18:55	S21020517.D
Ethylbenzene	100-41-4	**22.5**		1.47	02/05/2021 18:55	S21020517.D
p & m-Xylene	179601-23-1	**106**	D	14.7	02/08/2021 16:13	S21020812.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 18:55	S21020517.D
o-Xylene	95-47-6	**39.7**		1.42	02/05/2021 18:55	S21020517.D
1,2,3-Trichloropropane	96-18-4	<0.67		0.67	02/05/2021 18:55	S21020517.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/05/2021 18:55	S21020517.D
1,3,5-Trimethylbenzene	108-67-8	**1.64**		1.50	02/05/2021 18:55	S21020517.D
1,2,4-Trimethylbenzene	95-63-6	**3.63**		1.50	02/05/2021 18:55	S21020517.D
1,3-Dichlorobenzene	541-73-1	<0.67		0.67	02/05/2021 18:55	S21020517.D
1,4-Dichlorobenzene	106-46-7	<0.67		0.67	02/05/2021 18:55	S21020517.D
1,2-Dichlorobenzene	95-50-1	<0.67		0.67	02/05/2021 18:55	S21020517.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 18:55	S21020517.D
Naphthalene	91-20-3	<1.56		1.56	02/05/2021 18:55	S21020517.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 18:55	S21020517.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/05/2021 18:55	S21020517.D
∉ **TPH C4-C9**		**1,690**		423	02/05/2021 18:55	S21020517.D
∉ TPH C10-C15		<362		362	02/05/2021 18:55	S21020517.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-14

PSG 12

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/05/2021 19:23	S21020518.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/05/2021 19:23	S21020518.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 19:23	S21020518.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/05/2021 19:23	S21020518.D
Methyl-t-butyl ether	1634-04-4	<2.50		2.50	02/05/2021 19:23	S21020518.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 19:23	S21020518.D
cis-1,2-Dichloroethene	156-59-2	**1.80**		0.94	02/05/2021 19:23	S21020518.D
Chloroform	67-66-3	<1.43		1.43	02/05/2021 19:23	S21020518.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 19:23	S21020518.D
1,1,1-Trichloroethane	71-55-6	<0.48		0.48	02/05/2021 19:23	S21020518.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 19:23	S21020518.D
Benzene	71-43-2	<2.35		2.35	02/05/2021 19:23	S21020518.D
Trichloroethene	79-01-6	**220**	D	15.6	02/08/2021 16:40	S21020813.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 19:23	S21020518.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 19:23	S21020518.D
Toluene	108-88-3	<3.12		3.12	02/05/2021 19:23	S21020518.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 19:23	S21020518.D
Tetrachloroethene	127-18-4	**3,900**	D	103	02/09/2021 15:59	S21020906.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 19:23	S21020518.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 19:23	S21020518.D
Ethylbenzene	100-41-4	**20.4**		1.47	02/05/2021 19:23	S21020518.D
p & m-Xylene	179601-23-1	**94.3**	D	14.7	02/08/2021 16:40	S21020813.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 19:23	S21020518.D
o-Xylene	95-47-6	**33.6**		1.42	02/05/2021 19:23	S21020518.D
1,2,3-Trichloropropane	96-18-4	<0.67		0.67	02/05/2021 19:23	S21020518.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/05/2021 19:23	S21020518.D
1,3,5-Trimethylbenzene	108-67-8	**1.77**		1.50	02/05/2021 19:23	S21020518.D
1,2,4-Trimethylbenzene	95-63-6	**4.17**		1.50	02/05/2021 19:23	S21020518.D
1,3-Dichlorobenzene	541-73-1	<0.67		0.67	02/05/2021 19:23	S21020518.D
1,4-Dichlorobenzene	106-46-7	<0.67		0.67	02/05/2021 19:23	S21020518.D
1,2-Dichlorobenzene	95-50-1	<0.67		0.67	02/05/2021 19:23	S21020518.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 19:23	S21020518.D
Naphthalene	91-20-3	<1.56		1.56	02/05/2021 19:23	S21020518.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 19:23	S21020518.D
2-Methylnaphthalene	91-57-6	**10.3**		1.64	02/05/2021 19:23	S21020518.D
∉ TPH C4-C9		<423		423	02/05/2021 19:23	S21020518.D
∉ **TPH C10-C15**		**885**		362	02/05/2021 19:23	S21020518.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-15

PSG 13

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/05/2021 19:50	S21020519.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/05/2021 19:50	S21020519.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 19:50	S21020519.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/05/2021 19:50	S21020519.D
Methyl-t-butyl ether	1634-04-4	<2.50		2.50	02/05/2021 19:50	S21020519.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 19:50	S21020519.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/05/2021 19:50	S21020519.D
Chloroform	67-66-3	<1.43		1.43	02/05/2021 19:50	S21020519.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 19:50	S21020519.D
1,1,1-Trichloroethane	71-55-6	<0.48		0.48	02/05/2021 19:50	S21020519.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 19:50	S21020519.D
Benzene	71-43-2	**4.22**		2.35	02/05/2021 19:50	S21020519.D
Trichloroethene	79-01-6	**39.4**		1.51	02/05/2021 19:50	S21020519.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 19:50	S21020519.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 19:50	S21020519.D
Toluene	108-88-3	**3.65**		3.12	02/05/2021 19:50	S21020519.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 19:50	S21020519.D
Tetrachloroethene	127-18-4	**3,420**	D	103	02/09/2021 16:26	S21020907.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 19:50	S21020519.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 19:50	S21020519.D
Ethylbenzene	100-41-4	**24.7**		1.47	02/05/2021 19:50	S21020519.D
p & m-Xylene	179601-23-1	**111**	D	14.7	02/08/2021 17:08	S21020814.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 19:50	S21020519.D
o-Xylene	95-47-6	**48.4**		1.42	02/05/2021 19:50	S21020519.D
1,2,3-Trichloropropane	96-18-4	<0.67		0.67	02/05/2021 19:50	S21020519.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/05/2021 19:50	S21020519.D
1,3,5-Trimethylbenzene	108-67-8	**2.63**		1.50	02/05/2021 19:50	S21020519.D
1,2,4-Trimethylbenzene	95-63-6	**5.79**		1.50	02/05/2021 19:50	S21020519.D
1,3-Dichlorobenzene	541-73-1	<0.67		0.67	02/05/2021 19:50	S21020519.D
1,4-Dichlorobenzene	106-46-7	<0.67		0.67	02/05/2021 19:50	S21020519.D
1,2-Dichlorobenzene	95-50-1	<0.67		0.67	02/05/2021 19:50	S21020519.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 19:50	S21020519.D
Naphthalene	91-20-3	<1.56		1.56	02/05/2021 19:50	S21020519.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 19:50	S21020519.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/05/2021 19:50	S21020519.D
∉ TPH C4-C9		<423		423	02/05/2021 19:50	S21020519.D
∉ **TPH C10-C15**		**529**		362	02/05/2021 19:50	S21020519.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-16

PSG 14

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/05/2021 20:18	S21020520.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/05/2021 20:18	S21020520.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 20:18	S21020520.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/05/2021 20:18	S21020520.D
Methyl-t-butyl ether	1634-04-4	<2.50		2.50	02/05/2021 20:18	S21020520.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 20:18	S21020520.D
cis-1,2-Dichloroethene	156-59-2	**1.01**		0.94	02/05/2021 20:18	S21020520.D
Chloroform	67-66-3	<1.43		1.43	02/05/2021 20:18	S21020520.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 20:18	S21020520.D
1,1,1-Trichloroethane	71-55-6	<0.48		0.48	02/05/2021 20:18	S21020520.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 20:18	S21020520.D
Benzene	71-43-2	**3.13**		2.35	02/05/2021 20:18	S21020520.D
Trichloroethene	79-01-6	<1.51		1.51	02/05/2021 20:18	S21020520.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 20:18	S21020520.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 20:18	S21020520.D
Toluene	108-88-3	<3.12		3.12	02/05/2021 20:18	S21020520.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 20:18	S21020520.D
Tetrachloroethene	127-18-4	**3.94**		1.22	02/05/2021 20:18	S21020520.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 20:18	S21020520.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 20:18	S21020520.D
Ethylbenzene	100-41-4	**19.1**		1.47	02/05/2021 20:18	S21020520.D
p & m-Xylene	179601-23-1	**77.6**	D	14.7	02/08/2021 17:36	S21020815.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 20:18	S21020520.D
o-Xylene	95-47-6	**25.6**		1.42	02/05/2021 20:18	S21020520.D
1,2,3-Trichloropropane	96-18-4	<0.67		0.67	02/05/2021 20:18	S21020520.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/05/2021 20:18	S21020520.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/05/2021 20:18	S21020520.D
1,2,4-Trimethylbenzene	95-63-6	**2.00**		1.50	02/05/2021 20:18	S21020520.D
1,3-Dichlorobenzene	541-73-1	<0.67		0.67	02/05/2021 20:18	S21020520.D
1,4-Dichlorobenzene	106-46-7	<0.67		0.67	02/05/2021 20:18	S21020520.D
1,2-Dichlorobenzene	95-50-1	<0.67		0.67	02/05/2021 20:18	S21020520.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 20:18	S21020520.D
Naphthalene	91-20-3	<1.56		1.56	02/05/2021 20:18	S21020520.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 20:18	S21020520.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/05/2021 20:18	S21020520.D
∉ **TPH C4-C9**		**1,310**		423	02/05/2021 20:18	S21020520.D
∉ TPH C10-C15		<362		362	02/05/2021 20:18	S21020520.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-17

PSG 15

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/05/2021 20:45	S21020521.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/05/2021 20:45	S21020521.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 20:45	S21020521.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/05/2021 20:45	S21020521.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 20:45	S21020521.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 20:45	S21020521.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/05/2021 20:45	S21020521.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 20:45	S21020521.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 20:45	S21020521.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 20:45	S21020521.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 20:45	S21020521.D
Benzene	71-43-2	**2.77**		2.35	02/05/2021 20:45	S21020521.D
Trichloroethene	79-01-6	**14.1**		1.51	02/05/2021 20:45	S21020521.D
1,4-Dioxane	123-91-1	**14.4**		1.22	02/05/2021 20:45	S21020521.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 20:45	S21020521.D
Toluene	108-88-3	<3.12		3.12	02/05/2021 20:45	S21020521.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 20:45	S21020521.D
Tetrachloroethene	127-18-4	**24.4**		1.22	02/05/2021 20:45	S21020521.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 20:45	S21020521.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 20:45	S21020521.D
Ethylbenzene	100-41-4	**37.4**		1.47	02/05/2021 20:45	S21020521.D
p & m-Xylene	179601-23-1	**168**	D	14.6	02/08/2021 18:04	S21020816.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 20:45	S21020521.D
o-Xylene	95-47-6	**63.0**	D	14.6	02/08/2021 18:04	S21020816.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 20:45	S21020521.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/05/2021 20:45	S21020521.D
1,3,5-Trimethylbenzene	108-67-8	**2.19**		1.50	02/05/2021 20:45	S21020521.D
1,2,4-Trimethylbenzene	95-63-6	**4.90**		1.50	02/05/2021 20:45	S21020521.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 20:45	S21020521.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 20:45	S21020521.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 20:45	S21020521.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 20:45	S21020521.D
Naphthalene	91-20-3	<1.56		1.56	02/05/2021 20:45	S21020521.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 20:45	S21020521.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/05/2021 20:45	S21020521.D
∉ **TPH C4-C9**		**2,750**		423	02/05/2021 20:45	S21020521.D
∉ **TPH C10-C15**		**390**		361	02/05/2021 20:45	S21020521.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-18

PSG 16

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/05/2021 21:13	S21020522.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/05/2021 21:13	S21020522.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 21:13	S21020522.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/05/2021 21:13	S21020522.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 21:13	S21020522.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 21:13	S21020522.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/05/2021 21:13	S21020522.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 21:13	S21020522.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 21:13	S21020522.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 21:13	S21020522.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 21:13	S21020522.D
Benzene	71-43-2	<2.35		2.35	02/05/2021 21:13	S21020522.D
Trichloroethene	79-01-6	**12.8**		1.51	02/05/2021 21:13	S21020522.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 21:13	S21020522.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 21:13	S21020522.D
Toluene	108-88-3	<3.12		3.12	02/05/2021 21:13	S21020522.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 21:13	S21020522.D
Tetrachloroethene	127-18-4	**84.8**		1.22	02/05/2021 21:13	S21020522.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 21:13	S21020522.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 21:13	S21020522.D
Ethylbenzene	100-41-4	**12.6**		1.47	02/05/2021 21:13	S21020522.D
p & m-Xylene	179601-23-1	**54.0**		1.42	02/05/2021 21:13	S21020522.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 21:13	S21020522.D
o-Xylene	95-47-6	**20.6**		1.42	02/05/2021 21:13	S21020522.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 21:13	S21020522.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/05/2021 21:13	S21020522.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/05/2021 21:13	S21020522.D
1,2,4-Trimethylbenzene	95-63-6	**1.82**		1.50	02/05/2021 21:13	S21020522.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 21:13	S21020522.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 21:13	S21020522.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 21:13	S21020522.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 21:13	S21020522.D
Naphthalene	91-20-3	<1.56		1.56	02/05/2021 21:13	S21020522.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 21:13	S21020522.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/05/2021 21:13	S21020522.D
∉ **TPH C4-C9**		**1,020**		423	02/05/2021 21:13	S21020522.D
∉ TPH C10-C15		<361		361	02/05/2021 21:13	S21020522.D

BEACON ENVIRONMENTAL

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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-19

PSG 17

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/05/2021 21:40	S21020523.D
1,1-Dichloroethene	75-35-4	**7.82**		1.51	02/05/2021 21:40	S21020523.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 21:40	S21020523.D
trans-1,2-Dichloroethene	156-60-5	**6.80**		1.13	02/05/2021 21:40	S21020523.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 21:40	S21020523.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 21:40	S21020523.D
cis-1,2-Dichloroethene	156-59-2	**40.8**		0.94	02/05/2021 21:40	S21020523.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 21:40	S21020523.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 21:40	S21020523.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 21:40	S21020523.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 21:40	S21020523.D
Benzene	71-43-2	<2.35		2.35	02/05/2021 21:40	S21020523.D
Trichloroethene	79-01-6	**901**	D	15.6	02/08/2021 18:31	S21020817.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 21:40	S21020523.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 21:40	S21020523.D
Toluene	108-88-3	<3.12		3.12	02/05/2021 21:40	S21020523.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 21:40	S21020523.D
Tetrachloroethene	127-18-4	**976**	D	12.6	02/08/2021 18:31	S21020817.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 21:40	S21020523.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 21:40	S21020523.D
Ethylbenzene	100-41-4	**15.7**		1.47	02/05/2021 21:40	S21020523.D
p & m-Xylene	179601-23-1	**72.4**	D	14.6	02/08/2021 18:31	S21020817.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 21:40	S21020523.D
o-Xylene	95-47-6	**29.0**		1.42	02/05/2021 21:40	S21020523.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 21:40	S21020523.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/05/2021 21:40	S21020523.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/05/2021 21:40	S21020523.D
1,2,4-Trimethylbenzene	95-63-6	**2.83**		1.50	02/05/2021 21:40	S21020523.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 21:40	S21020523.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 21:40	S21020523.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 21:40	S21020523.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 21:40	S21020523.D
Naphthalene	91-20-3	<1.56		1.56	02/05/2021 21:40	S21020523.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 21:40	S21020523.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/05/2021 21:40	S21020523.D
∉ TPH C4-C9		<423		423	02/05/2021 21:40	S21020523.D
∉ TPH C10-C15		<361		361	02/05/2021 21:40	S21020523.D

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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-20

PSG 18

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/05/2021 22:07	S21020524.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/05/2021 22:07	S21020524.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 22:07	S21020524.D
trans-1,2-Dichloroethene	156-60-5	**1.30**		1.13	02/05/2021 22:07	S21020524.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 22:07	S21020524.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 22:07	S21020524.D
cis-1,2-Dichloroethene	156-59-2	**1.48**		0.94	02/05/2021 22:07	S21020524.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 22:07	S21020524.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 22:07	S21020524.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 22:07	S21020524.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 22:07	S21020524.D
Benzene	71-43-2	<2.35		2.35	02/05/2021 22:07	S21020524.D
Trichloroethene	79-01-6	**50.4**		1.51	02/05/2021 22:07	S21020524.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/05/2021 22:07	S21020524.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 22:07	S21020524.D
Toluene	108-88-3	<3.11		3.11	02/05/2021 22:07	S21020524.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 22:07	S21020524.D
Tetrachloroethene	127-18-4	**217**	D	12.5	02/08/2021 18:58	S21020818.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/05/2021 22:07	S21020524.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 22:07	S21020524.D
Ethylbenzene	100-41-4	**3.80**		1.46	02/05/2021 22:07	S21020524.D
p & m-Xylene	179601-23-1	**15.2**		1.41	02/05/2021 22:07	S21020524.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/05/2021 22:07	S21020524.D
o-Xylene	95-47-6	**5.34**		1.41	02/05/2021 22:07	S21020524.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 22:07	S21020524.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/05/2021 22:07	S21020524.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/05/2021 22:07	S21020524.D
1,2,4-Trimethylbenzene	95-63-6	**2.47**		1.50	02/05/2021 22:07	S21020524.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 22:07	S21020524.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 22:07	S21020524.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 22:07	S21020524.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 22:07	S21020524.D
Naphthalene	91-20-3	<1.55		1.55	02/05/2021 22:07	S21020524.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 22:07	S21020524.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/05/2021 22:07	S21020524.D
∉ **TPH C4-C9**		**1,390**		422	02/05/2021 22:07	S21020524.D
∉ TPH C10-C15		<361		361	02/05/2021 22:07	S21020524.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-21

PSG 19

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/05/2021 22:35	S21020525.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/05/2021 22:35	S21020525.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 22:35	S21020525.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/05/2021 22:35	S21020525.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 22:35	S21020525.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 22:35	S21020525.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/05/2021 22:35	S21020525.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 22:35	S21020525.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 22:35	S21020525.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 22:35	S21020525.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 22:35	S21020525.D
Benzene	71-43-2	**3.61**		2.35	02/05/2021 22:35	S21020525.D
Trichloroethene	79-01-6	**56.8**		1.51	02/05/2021 22:35	S21020525.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/05/2021 22:35	S21020525.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 22:35	S21020525.D
Toluene	108-88-3	**3.68**		3.11	02/05/2021 22:35	S21020525.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 22:35	S21020525.D
Tetrachloroethene	127-18-4	**1,260**	D	103	02/09/2021 16:57	S21020908.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/05/2021 22:35	S21020525.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 22:35	S21020525.D
Ethylbenzene	100-41-4	**102**	D	15.1	02/08/2021 19:26	S21020819.D
p & m-Xylene	179601-23-1	**435**	D	14.6	02/08/2021 19:26	S21020819.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/05/2021 22:35	S21020525.D
o-Xylene	95-47-6	**159**	D	14.6	02/08/2021 19:26	S21020819.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 22:35	S21020525.D
Isopropylbenzene	98-82-8	**3.01**		1.50	02/05/2021 22:35	S21020525.D
1,3,5-Trimethylbenzene	108-67-8	**6.57**		1.50	02/05/2021 22:35	S21020525.D
1,2,4-Trimethylbenzene	95-63-6	**17.6**		1.50	02/05/2021 22:35	S21020525.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 22:35	S21020525.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 22:35	S21020525.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 22:35	S21020525.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 22:35	S21020525.D
Naphthalene	91-20-3	**2.98**		1.56	02/05/2021 22:35	S21020525.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 22:35	S21020525.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/05/2021 22:35	S21020525.D
∉ **TPH C4-C9**		**7,080**		422	02/05/2021 22:35	S21020525.D
∉ **TPH C10-C15**		**2,040**		361	02/05/2021 22:35	S21020525.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-22

PSG 20

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/05/2021 23:02	S21020526.D
1,1-Dichloroethene	75-35-4	**4.01**		1.51	02/05/2021 23:02	S21020526.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 23:02	S21020526.D
trans-1,2-Dichloroethene	156-60-5	**4.02**		1.13	02/05/2021 23:02	S21020526.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 23:02	S21020526.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 23:02	S21020526.D
cis-1,2-Dichloroethene	156-59-2	**26.6**		0.94	02/05/2021 23:02	S21020526.D
Chloroform	67-66-3	<1.43		1.43	02/05/2021 23:02	S21020526.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 23:02	S21020526.D
1,1,1-Trichloroethane	71-55-6	<0.48		0.48	02/05/2021 23:02	S21020526.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 23:02	S21020526.D
Benzene	71-43-2	**2.67**		2.35	02/05/2021 23:02	S21020526.D
Trichloroethene	79-01-6	**767**	D	15.6	02/08/2021 19:54	S21020820.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 23:02	S21020526.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 23:02	S21020526.D
Toluene	108-88-3	<3.12		3.12	02/05/2021 23:02	S21020526.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 23:02	S21020526.D
Tetrachloroethene	127-18-4	**4,600**	D	103	02/09/2021 17:24	S21020909.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 23:02	S21020526.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 23:02	S21020526.D
Ethylbenzene	100-41-4	**29.9**		1.47	02/05/2021 23:02	S21020526.D
p & m-Xylene	179601-23-1	**114**	D	14.7	02/08/2021 19:54	S21020820.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 23:02	S21020526.D
o-Xylene	95-47-6	**35.1**		1.42	02/05/2021 23:02	S21020526.D
1,2,3-Trichloropropane	96-18-4	<0.67		0.67	02/05/2021 23:02	S21020526.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/05/2021 23:02	S21020526.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/05/2021 23:02	S21020526.D
1,2,4-Trimethylbenzene	95-63-6	**3.15**		1.50	02/05/2021 23:02	S21020526.D
1,3-Dichlorobenzene	541-73-1	<0.67		0.67	02/05/2021 23:02	S21020526.D
1,4-Dichlorobenzene	106-46-7	<0.67		0.67	02/05/2021 23:02	S21020526.D
1,2-Dichlorobenzene	95-50-1	<0.67		0.67	02/05/2021 23:02	S21020526.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 23:02	S21020526.D
Naphthalene	91-20-3	<1.56		1.56	02/05/2021 23:02	S21020526.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 23:02	S21020526.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/05/2021 23:02	S21020526.D
∉ TPH C4-C9		<423		423	02/05/2021 23:02	S21020526.D
∉ **TPH C10-C15**		**380**		362	02/05/2021 23:02	S21020526.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-23

PSG 21

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/05/2021 23:29	S21020527.D
1,1-Dichloroethene	75-35-4	**1.72**		1.51	02/05/2021 23:29	S21020527.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 23:29	S21020527.D
trans-1,2-Dichloroethene	156-60-5	**1.87**		1.13	02/05/2021 23:29	S21020527.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 23:29	S21020527.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 23:29	S21020527.D
cis-1,2-Dichloroethene	156-59-2	**12.5**		0.94	02/05/2021 23:29	S21020527.D
Chloroform	67-66-3	<1.42		1.42	02/05/2021 23:29	S21020527.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 23:29	S21020527.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 23:29	S21020527.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 23:29	S21020527.D
Benzene	71-43-2	<2.35		2.35	02/05/2021 23:29	S21020527.D
Trichloroethene	79-01-6	**486**	D	15.6	02/08/2021 20:21	S21020821.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 23:29	S21020527.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 23:29	S21020527.D
Toluene	108-88-3	<3.11		3.11	02/05/2021 23:29	S21020527.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 23:29	S21020527.D
Tetrachloroethene	127-18-4	**7,490**	D	103	02/09/2021 17:52	S21020910.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 23:29	S21020527.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 23:29	S21020527.D
Ethylbenzene	100-41-4	**38.8**		1.47	02/05/2021 23:29	S21020527.D
p & m-Xylene	179601-23-1	**192**	D	14.6	02/08/2021 20:21	S21020821.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 23:29	S21020527.D
o-Xylene	95-47-6	**75.1**	D	14.6	02/08/2021 20:21	S21020821.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 23:29	S21020527.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/05/2021 23:29	S21020527.D
1,3,5-Trimethylbenzene	108-67-8	**3.21**		1.50	02/05/2021 23:29	S21020527.D
1,2,4-Trimethylbenzene	95-63-6	**10.7**		1.50	02/05/2021 23:29	S21020527.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 23:29	S21020527.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 23:29	S21020527.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 23:29	S21020527.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 23:29	S21020527.D
Naphthalene	91-20-3	<1.56		1.56	02/05/2021 23:29	S21020527.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 23:29	S21020527.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/05/2021 23:29	S21020527.D
∉ TPH C4-C9		<422		422	02/05/2021 23:29	S21020527.D
∉ **TPH C10-C15**		**416**		361	02/05/2021 23:29	S21020527.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-24

PSG 22

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/05/2021 23:56	S21020528.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/05/2021 23:56	S21020528.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/05/2021 23:56	S21020528.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/05/2021 23:56	S21020528.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/05/2021 23:56	S21020528.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/05/2021 23:56	S21020528.D
cis-1,2-Dichloroethene	156-59-2	**2.15**		0.94	02/05/2021 23:56	S21020528.D
Chloroform	67-66-3	**1.61**		1.42	02/05/2021 23:56	S21020528.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/05/2021 23:56	S21020528.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/05/2021 23:56	S21020528.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/05/2021 23:56	S21020528.D
Benzene	71-43-2	**4.23**		2.35	02/05/2021 23:56	S21020528.D
Trichloroethene	79-01-6	**93.1**	D	15.6	02/08/2021 20:49	S21020822.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/05/2021 23:56	S21020528.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/05/2021 23:56	S21020528.D
Toluene	108-88-3	<3.11		3.11	02/05/2021 23:56	S21020528.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/05/2021 23:56	S21020528.D
Tetrachloroethene	127-18-4	**9,710**	D	945	02/10/2021 11:03	S21020934.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/05/2021 23:56	S21020528.D
Chlorobenzene	108-90-7	<0.59		0.59	02/05/2021 23:56	S21020528.D
Ethylbenzene	100-41-4	**67.6**	D	15.2	02/08/2021 20:49	S21020822.D
p & m-Xylene	179601-23-1	**368**	D	14.6	02/08/2021 20:49	S21020822.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/05/2021 23:56	S21020528.D
o-Xylene	95-47-6	**180**	D	14.6	02/08/2021 20:49	S21020822.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/05/2021 23:56	S21020528.D
Isopropylbenzene	98-82-8	**5.29**		1.50	02/05/2021 23:56	S21020528.D
1,3,5-Trimethylbenzene	108-67-8	**15.8**		1.50	02/05/2021 23:56	S21020528.D
1,2,4-Trimethylbenzene	95-63-6	**43.7**		1.50	02/05/2021 23:56	S21020528.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/05/2021 23:56	S21020528.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/05/2021 23:56	S21020528.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/05/2021 23:56	S21020528.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/05/2021 23:56	S21020528.D
Naphthalene	91-20-3	<1.56		1.56	02/05/2021 23:56	S21020528.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/05/2021 23:56	S21020528.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/05/2021 23:56	S21020528.D
∉ **TPH C4-C9**		**4,070**		422	02/05/2021 23:56	S21020528.D
∉ **TPH C10-C15**		**1,230**		361	02/05/2021 23:56	S21020528.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-25

PSG 23

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/06/2021 00:24	S21020529.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/06/2021 00:24	S21020529.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 00:24	S21020529.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/06/2021 00:24	S21020529.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/06/2021 00:24	S21020529.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/06/2021 00:24	S21020529.D
cis-1,2-Dichloroethene	156-59-2	**1.57**		0.94	02/06/2021 00:24	S21020529.D
Chloroform	67-66-3	<1.42		1.42	02/06/2021 00:24	S21020529.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 00:24	S21020529.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 00:24	S21020529.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 00:24	S21020529.D
Benzene	71-43-2	<2.35		2.35	02/06/2021 00:24	S21020529.D
Trichloroethene	79-01-6	**47.0**		1.51	02/06/2021 00:24	S21020529.D
1,4-Dioxane	123-91-1	**22.8**		1.22	02/06/2021 00:24	S21020529.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 00:24	S21020529.D
Toluene	108-88-3	<3.11		3.11	02/06/2021 00:24	S21020529.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/06/2021 00:24	S21020529.D
Tetrachloroethene	127-18-4	**428**	D	12.6	02/08/2021 21:16	S21020823.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/06/2021 00:24	S21020529.D
Chlorobenzene	108-90-7	<0.59		0.59	02/06/2021 00:24	S21020529.D
Ethylbenzene	100-41-4	**118**	D	15.2	02/08/2021 21:16	S21020823.D
p & m-Xylene	179601-23-1	**647**	D	120	02/09/2021 18:47	S21020912.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/06/2021 00:24	S21020529.D
o-Xylene	95-47-6	**354**	D	14.6	02/08/2021 21:16	S21020823.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 00:24	S21020529.D
Isopropylbenzene	98-82-8	**6.14**		1.50	02/06/2021 00:24	S21020529.D
1,3,5-Trimethylbenzene	108-67-8	**24.4**		1.50	02/06/2021 00:24	S21020529.D
1,2,4-Trimethylbenzene	95-63-6	**74.1**	D	15.5	02/08/2021 21:16	S21020823.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 00:24	S21020529.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 00:24	S21020529.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 00:24	S21020529.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/06/2021 00:24	S21020529.D
Naphthalene	91-20-3	<1.56		1.56	02/06/2021 00:24	S21020529.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/06/2021 00:24	S21020529.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/06/2021 00:24	S21020529.D
∉ **TPH C4-C9**		**5,940**		422	02/06/2021 00:24	S21020529.D
∉ **TPH C10-C15**		**1,770**		361	02/06/2021 00:24	S21020529.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-26

PSG 24

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/06/2021 00:52	S21020530.D
1,1-Dichloroethene	75-35-4	**2.56**		1.51	02/06/2021 00:52	S21020530.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 00:52	S21020530.D
trans-1,2-Dichloroethene	156-60-5	**2.05**		1.13	02/06/2021 00:52	S21020530.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/06/2021 00:52	S21020530.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/06/2021 00:52	S21020530.D
cis-1,2-Dichloroethene	156-59-2	**9.51**		0.94	02/06/2021 00:52	S21020530.D
Chloroform	67-66-3	<1.42		1.42	02/06/2021 00:52	S21020530.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 00:52	S21020530.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 00:52	S21020530.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 00:52	S21020530.D
Benzene	71-43-2	<2.35		2.35	02/06/2021 00:52	S21020530.D
Trichloroethene	79-01-6	**924**	D	15.6	02/08/2021 21:43	S21020824.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/06/2021 00:52	S21020530.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 00:52	S21020530.D
Toluene	108-88-3	<3.12		3.12	02/06/2021 00:52	S21020530.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/06/2021 00:52	S21020530.D
Tetrachloroethene	127-18-4	**15,600**	D	946	02/10/2021 11:29	S21020935.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/06/2021 00:52	S21020530.D
Chlorobenzene	108-90-7	<0.59		0.59	02/06/2021 00:52	S21020530.D
Ethylbenzene	100-41-4	**9.06**		1.47	02/06/2021 00:52	S21020530.D
p & m-Xylene	179601-23-1	**35.7**		1.42	02/06/2021 00:52	S21020530.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/06/2021 00:52	S21020530.D
o-Xylene	95-47-6	**13.1**		1.42	02/06/2021 00:52	S21020530.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 00:52	S21020530.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/06/2021 00:52	S21020530.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/06/2021 00:52	S21020530.D
1,2,4-Trimethylbenzene	95-63-6	**2.28**		1.50	02/06/2021 00:52	S21020530.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 00:52	S21020530.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 00:52	S21020530.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 00:52	S21020530.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/06/2021 00:52	S21020530.D
Naphthalene	91-20-3	<1.56		1.56	02/06/2021 00:52	S21020530.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/06/2021 00:52	S21020530.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/06/2021 00:52	S21020530.D
∉ TPH C4-C9		<423		423	02/06/2021 00:52	S21020530.D
∉ TPH C10-C15		<361		361	02/06/2021 00:52	S21020530.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-27

PSG 25

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/08/2021 13:28	S21020806.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/08/2021 13:28	S21020806.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/08/2021 13:28	S21020806.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/08/2021 13:28	S21020806.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/08/2021 13:28	S21020806.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/08/2021 13:28	S21020806.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/08/2021 13:28	S21020806.D
Chloroform	67-66-3	**2.39**		1.42	02/08/2021 13:28	S21020806.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/08/2021 13:28	S21020806.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/08/2021 13:28	S21020806.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/08/2021 13:28	S21020806.D
Benzene	71-43-2	<2.35		2.35	02/08/2021 13:28	S21020806.D
Trichloroethene	79-01-6	**1.84**		1.51	02/08/2021 13:28	S21020806.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/08/2021 13:28	S21020806.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/08/2021 13:28	S21020806.D
Toluene	108-88-3	<3.11		3.11	02/08/2021 13:28	S21020806.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/08/2021 13:28	S21020806.D
Tetrachloroethene	127-18-4	**11.4**		1.21	02/08/2021 13:28	S21020806.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/08/2021 13:28	S21020806.D
Chlorobenzene	108-90-7	<0.59		0.59	02/08/2021 13:28	S21020806.D
Ethylbenzene	100-41-4	<1.46		1.46	02/08/2021 13:28	S21020806.D
p & m-Xylene	179601-23-1	<1.41		1.41	02/08/2021 13:28	S21020806.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/08/2021 13:28	S21020806.D
o-Xylene	95-47-6	<1.41		1.41	02/08/2021 13:28	S21020806.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/08/2021 13:28	S21020806.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/08/2021 13:28	S21020806.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/08/2021 13:28	S21020806.D
1,2,4-Trimethylbenzene	95-63-6	<1.50		1.50	02/08/2021 13:28	S21020806.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/08/2021 13:28	S21020806.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/08/2021 13:28	S21020806.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/08/2021 13:28	S21020806.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/08/2021 13:28	S21020806.D
Naphthalene	91-20-3	<1.55		1.55	02/08/2021 13:28	S21020806.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/08/2021 13:28	S21020806.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/08/2021 13:28	S21020806.D
∉ TPH C4-C9		<421		421	02/08/2021 13:28	S21020806.D
∉ TPH C10-C15		<360		360	02/08/2021 13:28	S21020806.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-28

PSG 26

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/06/2021 01:46	S21020532.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/06/2021 01:46	S21020532.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 01:46	S21020532.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/06/2021 01:46	S21020532.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/06/2021 01:46	S21020532.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/06/2021 01:46	S21020532.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/06/2021 01:46	S21020532.D
Chloroform	67-66-3	**4.98**		1.42	02/06/2021 01:46	S21020532.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 01:46	S21020532.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 01:46	S21020532.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 01:46	S21020532.D
Benzene	71-43-2	<2.35		2.35	02/06/2021 01:46	S21020532.D
Trichloroethene	79-01-6	<1.51		1.51	02/06/2021 01:46	S21020532.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/06/2021 01:46	S21020532.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 01:46	S21020532.D
Toluene	108-88-3	<3.11		3.11	02/06/2021 01:46	S21020532.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/06/2021 01:46	S21020532.D
Tetrachloroethene	127-18-4	**3.41**		1.21	02/06/2021 01:46	S21020532.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/06/2021 01:46	S21020532.D
Chlorobenzene	108-90-7	<0.59		0.59	02/06/2021 01:46	S21020532.D
Ethylbenzene	100-41-4	<1.46		1.46	02/06/2021 01:46	S21020532.D
p & m-Xylene	179601-23-1	<1.41		1.41	02/06/2021 01:46	S21020532.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/06/2021 01:46	S21020532.D
o-Xylene	95-47-6	<1.41		1.41	02/06/2021 01:46	S21020532.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 01:46	S21020532.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/06/2021 01:46	S21020532.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/06/2021 01:46	S21020532.D
1,2,4-Trimethylbenzene	95-63-6	<1.50		1.50	02/06/2021 01:46	S21020532.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 01:46	S21020532.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 01:46	S21020532.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 01:46	S21020532.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/06/2021 01:46	S21020532.D
Naphthalene	91-20-3	<1.55		1.55	02/06/2021 01:46	S21020532.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/06/2021 01:46	S21020532.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/06/2021 01:46	S21020532.D
∉ TPH C4-C9		<421		421	02/06/2021 01:46	S21020532.D
∉ TPH C10-C15		<360		360	02/06/2021 01:46	S21020532.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-29

PSG 27

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/06/2021 02:13	S21020533.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/06/2021 02:13	S21020533.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 02:13	S21020533.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/06/2021 02:13	S21020533.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/06/2021 02:13	S21020533.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/06/2021 02:13	S21020533.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/06/2021 02:13	S21020533.D
Chloroform	67-66-3	<1.42		1.42	02/06/2021 02:13	S21020533.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 02:13	S21020533.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 02:13	S21020533.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 02:13	S21020533.D
Benzene	71-43-2	<2.35		2.35	02/06/2021 02:13	S21020533.D
Trichloroethene	79-01-6	<1.51		1.51	02/06/2021 02:13	S21020533.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/06/2021 02:13	S21020533.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 02:13	S21020533.D
Toluene	108-88-3	<3.11		3.11	02/06/2021 02:13	S21020533.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/06/2021 02:13	S21020533.D
Tetrachloroethene	127-18-4	**2.07**		1.21	02/06/2021 02:13	S21020533.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/06/2021 02:13	S21020533.D
Chlorobenzene	108-90-7	<0.59		0.59	02/06/2021 02:13	S21020533.D
Ethylbenzene	100-41-4	<1.46		1.46	02/06/2021 02:13	S21020533.D
p & m-Xylene	179601-23-1	<1.41		1.41	02/06/2021 02:13	S21020533.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/06/2021 02:13	S21020533.D
o-Xylene	95-47-6	<1.41		1.41	02/06/2021 02:13	S21020533.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 02:13	S21020533.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/06/2021 02:13	S21020533.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/06/2021 02:13	S21020533.D
1,2,4-Trimethylbenzene	95-63-6	<1.50		1.50	02/06/2021 02:13	S21020533.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 02:13	S21020533.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 02:13	S21020533.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 02:13	S21020533.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/06/2021 02:13	S21020533.D
Naphthalene	91-20-3	<1.55		1.55	02/06/2021 02:13	S21020533.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/06/2021 02:13	S21020533.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/06/2021 02:13	S21020533.D
∉ TPH C4-C9		<421		421	02/06/2021 02:13	S21020533.D
∉ TPH C10-C15		<360		360	02/06/2021 02:13	S21020533.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-30

PSG 28

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/06/2021 02:40	S21020534.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/06/2021 02:40	S21020534.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 02:40	S21020534.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/06/2021 02:40	S21020534.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/06/2021 02:40	S21020534.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/06/2021 02:40	S21020534.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/06/2021 02:40	S21020534.D
Chloroform	67-66-3	<1.42		1.42	02/06/2021 02:40	S21020534.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 02:40	S21020534.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 02:40	S21020534.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 02:40	S21020534.D
Benzene	71-43-2	<2.35		2.35	02/06/2021 02:40	S21020534.D
Trichloroethene	79-01-6	<1.51		1.51	02/06/2021 02:40	S21020534.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/06/2021 02:40	S21020534.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 02:40	S21020534.D
Toluene	108-88-3	<3.11		3.11	02/06/2021 02:40	S21020534.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/06/2021 02:40	S21020534.D
Tetrachloroethene	127-18-4	<1.21		1.21	02/06/2021 02:40	S21020534.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/06/2021 02:40	S21020534.D
Chlorobenzene	108-90-7	<0.59		0.59	02/06/2021 02:40	S21020534.D
Ethylbenzene	100-41-4	<1.46		1.46	02/06/2021 02:40	S21020534.D
p & m-Xylene	179601-23-1	<1.41		1.41	02/06/2021 02:40	S21020534.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/06/2021 02:40	S21020534.D
o-Xylene	95-47-6	<1.41		1.41	02/06/2021 02:40	S21020534.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 02:40	S21020534.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/06/2021 02:40	S21020534.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/06/2021 02:40	S21020534.D
1,2,4-Trimethylbenzene	95-63-6	<1.50		1.50	02/06/2021 02:40	S21020534.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 02:40	S21020534.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 02:40	S21020534.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 02:40	S21020534.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/06/2021 02:40	S21020534.D
Naphthalene	91-20-3	<1.55		1.55	02/06/2021 02:40	S21020534.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/06/2021 02:40	S21020534.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/06/2021 02:40	S21020534.D
∉ TPH C4-C9		<421		421	02/06/2021 02:40	S21020534.D
∉ TPH C10-C15		<360		360	02/06/2021 02:40	S21020534.D

BEACON ENVIRONMENTAL

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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-31

PSG 29

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/06/2021 03:08	S21020535.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/06/2021 03:08	S21020535.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 03:08	S21020535.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/06/2021 03:08	S21020535.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/06/2021 03:08	S21020535.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/06/2021 03:08	S21020535.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/06/2021 03:08	S21020535.D
Chloroform	67-66-3	<1.42		1.42	02/06/2021 03:08	S21020535.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 03:08	S21020535.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 03:08	S21020535.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 03:08	S21020535.D
Benzene	71-43-2	<2.35		2.35	02/06/2021 03:08	S21020535.D
Trichloroethene	79-01-6	<1.51		1.51	02/06/2021 03:08	S21020535.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/06/2021 03:08	S21020535.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 03:08	S21020535.D
Toluene	108-88-3	<3.11		3.11	02/06/2021 03:08	S21020535.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/06/2021 03:08	S21020535.D
Tetrachloroethene	127-18-4	<1.21		1.21	02/06/2021 03:08	S21020535.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/06/2021 03:08	S21020535.D
Chlorobenzene	108-90-7	<0.59		0.59	02/06/2021 03:08	S21020535.D
Ethylbenzene	100-41-4	<1.46		1.46	02/06/2021 03:08	S21020535.D
p & m-Xylene	179601-23-1	<1.41		1.41	02/06/2021 03:08	S21020535.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/06/2021 03:08	S21020535.D
o-Xylene	95-47-6	<1.41		1.41	02/06/2021 03:08	S21020535.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 03:08	S21020535.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/06/2021 03:08	S21020535.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/06/2021 03:08	S21020535.D
1,2,4-Trimethylbenzene	95-63-6	<1.50		1.50	02/06/2021 03:08	S21020535.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 03:08	S21020535.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 03:08	S21020535.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 03:08	S21020535.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/06/2021 03:08	S21020535.D
Naphthalene	91-20-3	<1.55		1.55	02/06/2021 03:08	S21020535.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/06/2021 03:08	S21020535.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/06/2021 03:08	S21020535.D
∉ TPH C4-C9		<421		421	02/06/2021 03:08	S21020535.D
∉ TPH C10-C15		<360		360	02/06/2021 03:08	S21020535.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-32

PSG 30

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/06/2021 03:35	S21020536.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/06/2021 03:35	S21020536.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 03:35	S21020536.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/06/2021 03:35	S21020536.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/06/2021 03:35	S21020536.D
1,1-Dichloroethane	75-34-3	<0.58		0.58	02/06/2021 03:35	S21020536.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/06/2021 03:35	S21020536.D
Chloroform	67-66-3	**2.16**		1.42	02/06/2021 03:35	S21020536.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 03:35	S21020536.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 03:35	S21020536.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 03:35	S21020536.D
Benzene	71-43-2	<2.35		2.35	02/06/2021 03:35	S21020536.D
Trichloroethene	79-01-6	<1.51		1.51	02/06/2021 03:35	S21020536.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/06/2021 03:35	S21020536.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 03:35	S21020536.D
Toluene	108-88-3	<3.11		3.11	02/06/2021 03:35	S21020536.D
1,2-Dibromoethane (EDB)	106-93-4	<1.27		1.27	02/06/2021 03:35	S21020536.D
Tetrachloroethene	127-18-4	**1.97**		1.21	02/06/2021 03:35	S21020536.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/06/2021 03:35	S21020536.D
Chlorobenzene	108-90-7	<0.58		0.58	02/06/2021 03:35	S21020536.D
Ethylbenzene	100-41-4	<1.46		1.46	02/06/2021 03:35	S21020536.D
p & m-Xylene	179601-23-1	<1.41		1.41	02/06/2021 03:35	S21020536.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/06/2021 03:35	S21020536.D
o-Xylene	95-47-6	<1.41		1.41	02/06/2021 03:35	S21020536.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 03:35	S21020536.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/06/2021 03:35	S21020536.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/06/2021 03:35	S21020536.D
1,2,4-Trimethylbenzene	95-63-6	<1.50		1.50	02/06/2021 03:35	S21020536.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 03:35	S21020536.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 03:35	S21020536.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 03:35	S21020536.D
1,2,4-Trichlorobenzene	120-82-1	<1.27		1.27	02/06/2021 03:35	S21020536.D
Naphthalene	91-20-3	<1.55		1.55	02/06/2021 03:35	S21020536.D
1,2,3-Trichlorobenzene	87-61-6	<1.27		1.27	02/06/2021 03:35	S21020536.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/06/2021 03:35	S21020536.D
∉ TPH C4-C9		<421		421	02/06/2021 03:35	S21020536.D
∉ TPH C10-C15		<360		360	02/06/2021 03:35	S21020536.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-33

PSG 31

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/06/2021 04:03	S21020537.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/06/2021 04:03	S21020537.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 04:03	S21020537.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/06/2021 04:03	S21020537.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/06/2021 04:03	S21020537.D
1,1-Dichloroethane	75-34-3	<0.58		0.58	02/06/2021 04:03	S21020537.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/06/2021 04:03	S21020537.D
Chloroform	67-66-3	**6.62**		1.42	02/06/2021 04:03	S21020537.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 04:03	S21020537.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 04:03	S21020537.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 04:03	S21020537.D
Benzene	71-43-2	<2.35		2.35	02/06/2021 04:03	S21020537.D
Trichloroethene	79-01-6	<1.51		1.51	02/06/2021 04:03	S21020537.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/06/2021 04:03	S21020537.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 04:03	S21020537.D
Toluene	108-88-3	<3.11		3.11	02/06/2021 04:03	S21020537.D
1,2-Dibromoethane (EDB)	106-93-4	<1.27		1.27	02/06/2021 04:03	S21020537.D
Tetrachloroethene	127-18-4	**4.58**		1.21	02/06/2021 04:03	S21020537.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/06/2021 04:03	S21020537.D
Chlorobenzene	108-90-7	<0.58		0.58	02/06/2021 04:03	S21020537.D
Ethylbenzene	100-41-4	<1.46		1.46	02/06/2021 04:03	S21020537.D
p & m-Xylene	179601-23-1	<1.41		1.41	02/06/2021 04:03	S21020537.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/06/2021 04:03	S21020537.D
o-Xylene	95-47-6	<1.41		1.41	02/06/2021 04:03	S21020537.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 04:03	S21020537.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/06/2021 04:03	S21020537.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/06/2021 04:03	S21020537.D
1,2,4-Trimethylbenzene	95-63-6	<1.50		1.50	02/06/2021 04:03	S21020537.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 04:03	S21020537.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 04:03	S21020537.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 04:03	S21020537.D
1,2,4-Trichlorobenzene	120-82-1	<1.27		1.27	02/06/2021 04:03	S21020537.D
Naphthalene	91-20-3	<1.55		1.55	02/06/2021 04:03	S21020537.D
1,2,3-Trichlorobenzene	87-61-6	<1.27		1.27	02/06/2021 04:03	S21020537.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/06/2021 04:03	S21020537.D
∉ TPH C4-C9		<421		421	02/06/2021 04:03	S21020537.D
∉ TPH C10-C15		<360		360	02/06/2021 04:03	S21020537.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-34

PSG 32

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/06/2021 04:30	S21020538.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/06/2021 04:30	S21020538.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 04:30	S21020538.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/06/2021 04:30	S21020538.D
Methyl-t-butyl ether	1634-04-4	<2.48		2.48	02/06/2021 04:30	S21020538.D
1,1-Dichloroethane	75-34-3	<0.58		0.58	02/06/2021 04:30	S21020538.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/06/2021 04:30	S21020538.D
Chloroform	67-66-3	<1.42		1.42	02/06/2021 04:30	S21020538.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 04:30	S21020538.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 04:30	S21020538.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 04:30	S21020538.D
Benzene	71-43-2	<2.34		2.34	02/06/2021 04:30	S21020538.D
Trichloroethene	79-01-6	**4.21**		1.51	02/06/2021 04:30	S21020538.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/06/2021 04:30	S21020538.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 04:30	S21020538.D
Toluene	108-88-3	<3.10		3.10	02/06/2021 04:30	S21020538.D
1,2-Dibromoethane (EDB)	106-93-4	<1.27		1.27	02/06/2021 04:30	S21020538.D
Tetrachloroethene	127-18-4	**78.0**		1.21	02/06/2021 04:30	S21020538.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/06/2021 04:30	S21020538.D
Chlorobenzene	108-90-7	<0.58		0.58	02/06/2021 04:30	S21020538.D
Ethylbenzene	100-41-4	<1.46		1.46	02/06/2021 04:30	S21020538.D
p & m-Xylene	179601-23-1	<1.41		1.41	02/06/2021 04:30	S21020538.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/06/2021 04:30	S21020538.D
o-Xylene	95-47-6	<1.41		1.41	02/06/2021 04:30	S21020538.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 04:30	S21020538.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/06/2021 04:30	S21020538.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/06/2021 04:30	S21020538.D
1,2,4-Trimethylbenzene	95-63-6	<1.50		1.50	02/06/2021 04:30	S21020538.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 04:30	S21020538.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 04:30	S21020538.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 04:30	S21020538.D
1,2,4-Trichlorobenzene	120-82-1	<1.27		1.27	02/06/2021 04:30	S21020538.D
Naphthalene	91-20-3	<1.55		1.55	02/06/2021 04:30	S21020538.D
1,2,3-Trichlorobenzene	87-61-6	<1.27		1.27	02/06/2021 04:30	S21020538.D
2-Methylnaphthalene	91-57-6	<1.63		1.63	02/06/2021 04:30	S21020538.D
∉ TPH C4-C9		<421		421	02/06/2021 04:30	S21020538.D
∉ TPH C10-C15		<360		360	02/06/2021 04:30	S21020538.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-35

PSG 33

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/06/2021 04:57	S21020539.D
1,1-Dichloroethene	75-35-4	**2.06**		1.51	02/06/2021 04:57	S21020539.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 04:57	S21020539.D
trans-1,2-Dichloroethene	156-60-5	**2.53**		1.13	02/06/2021 04:57	S21020539.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/06/2021 04:57	S21020539.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/06/2021 04:57	S21020539.D
cis-1,2-Dichloroethene	156-59-2	**12.7**		0.94	02/06/2021 04:57	S21020539.D
Chloroform	67-66-3	<1.42		1.42	02/06/2021 04:57	S21020539.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 04:57	S21020539.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 04:57	S21020539.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 04:57	S21020539.D
Benzene	71-43-2	<2.35		2.35	02/06/2021 04:57	S21020539.D
Trichloroethene	79-01-6	**144**	D	15.6	02/08/2021 22:11	S21020825.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/06/2021 04:57	S21020539.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 04:57	S21020539.D
Toluene	108-88-3	<3.11		3.11	02/06/2021 04:57	S21020539.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/06/2021 04:57	S21020539.D
Tetrachloroethene	127-18-4	**538**	D	12.6	02/08/2021 22:11	S21020825.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/06/2021 04:57	S21020539.D
Chlorobenzene	108-90-7	<0.59		0.59	02/06/2021 04:57	S21020539.D
Ethylbenzene	100-41-4	<1.47		1.47	02/06/2021 04:57	S21020539.D
p & m-Xylene	179601-23-1	<1.42		1.42	02/06/2021 04:57	S21020539.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/06/2021 04:57	S21020539.D
o-Xylene	95-47-6	<1.42		1.42	02/06/2021 04:57	S21020539.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 04:57	S21020539.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/06/2021 04:57	S21020539.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/06/2021 04:57	S21020539.D
1,2,4-Trimethylbenzene	95-63-6	<1.50		1.50	02/06/2021 04:57	S21020539.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 04:57	S21020539.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 04:57	S21020539.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 04:57	S21020539.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/06/2021 04:57	S21020539.D
Naphthalene	91-20-3	<1.56		1.56	02/06/2021 04:57	S21020539.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/06/2021 04:57	S21020539.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/06/2021 04:57	S21020539.D
∉ TPH C4-C9		<422		422	02/06/2021 04:57	S21020539.D
∉ **TPH C10-C15**		**407**		361	02/06/2021 04:57	S21020539.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-36

PSG 34

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/06/2021 05:25	S21020540.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/06/2021 05:25	S21020540.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 05:25	S21020540.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/06/2021 05:25	S21020540.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/06/2021 05:25	S21020540.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/06/2021 05:25	S21020540.D
cis-1,2-Dichloroethene	156-59-2	**1.17**		0.94	02/06/2021 05:25	S21020540.D
Chloroform	67-66-3	<1.42		1.42	02/06/2021 05:25	S21020540.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 05:25	S21020540.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 05:25	S21020540.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 05:25	S21020540.D
Benzene	71-43-2	**3.88**		2.35	02/06/2021 05:25	S21020540.D
Trichloroethene	79-01-6	**71.4**		1.51	02/06/2021 05:25	S21020540.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/06/2021 05:25	S21020540.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 05:25	S21020540.D
Toluene	108-88-3	<3.12		3.12	02/06/2021 05:25	S21020540.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/06/2021 05:25	S21020540.D
Tetrachloroethene	127-18-4	**931**	D	12.6	02/08/2021 22:39	S21020826.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/06/2021 05:25	S21020540.D
Chlorobenzene	108-90-7	<0.59		0.59	02/06/2021 05:25	S21020540.D
Ethylbenzene	100-41-4	<1.47		1.47	02/06/2021 05:25	S21020540.D
p & m-Xylene	179601-23-1	<1.42		1.42	02/06/2021 05:25	S21020540.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/06/2021 05:25	S21020540.D
o-Xylene	95-47-6	<1.42		1.42	02/06/2021 05:25	S21020540.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 05:25	S21020540.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/06/2021 05:25	S21020540.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/06/2021 05:25	S21020540.D
1,2,4-Trimethylbenzene	95-63-6	<1.50		1.50	02/06/2021 05:25	S21020540.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 05:25	S21020540.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 05:25	S21020540.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 05:25	S21020540.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/06/2021 05:25	S21020540.D
Naphthalene	91-20-3	<1.56		1.56	02/06/2021 05:25	S21020540.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/06/2021 05:25	S21020540.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/06/2021 05:25	S21020540.D
∉ TPH C4-C9		<423		423	02/06/2021 05:25	S21020540.D
∉ TPH C10-C15		<361		361	02/06/2021 05:25	S21020540.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-37

PSG 35

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/06/2021 05:52	S21020541.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/06/2021 05:52	S21020541.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 05:52	S21020541.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/06/2021 05:52	S21020541.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/06/2021 05:52	S21020541.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/06/2021 05:52	S21020541.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/06/2021 05:52	S21020541.D
Chloroform	67-66-3	<1.42		1.42	02/06/2021 05:52	S21020541.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 05:52	S21020541.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 05:52	S21020541.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 05:52	S21020541.D
Benzene	71-43-2	<2.35		2.35	02/06/2021 05:52	S21020541.D
Trichloroethene	79-01-6	**15.2**		1.51	02/06/2021 05:52	S21020541.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/06/2021 05:52	S21020541.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 05:52	S21020541.D
Toluene	108-88-3	<3.11		3.11	02/06/2021 05:52	S21020541.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/06/2021 05:52	S21020541.D
Tetrachloroethene	127-18-4	**145**	D	12.5	02/08/2021 23:06	S21020827.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/06/2021 05:52	S21020541.D
Chlorobenzene	108-90-7	<0.59		0.59	02/06/2021 05:52	S21020541.D
Ethylbenzene	100-41-4	<1.46		1.46	02/06/2021 05:52	S21020541.D
p & m-Xylene	179601-23-1	<1.41		1.41	02/06/2021 05:52	S21020541.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/06/2021 05:52	S21020541.D
o-Xylene	95-47-6	<1.41		1.41	02/06/2021 05:52	S21020541.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 05:52	S21020541.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/06/2021 05:52	S21020541.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/06/2021 05:52	S21020541.D
1,2,4-Trimethylbenzene	95-63-6	<1.50		1.50	02/06/2021 05:52	S21020541.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 05:52	S21020541.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 05:52	S21020541.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 05:52	S21020541.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/06/2021 05:52	S21020541.D
Naphthalene	91-20-3	<1.55		1.55	02/06/2021 05:52	S21020541.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/06/2021 05:52	S21020541.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/06/2021 05:52	S21020541.D
∉ TPH C4-C9		<422		422	02/06/2021 05:52	S21020541.D
∉ TPH C10-C15		<361		361	02/06/2021 05:52	S21020541.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-38

PSG 36

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/06/2021 06:19	S21020542.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/06/2021 06:19	S21020542.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 06:19	S21020542.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/06/2021 06:19	S21020542.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/06/2021 06:19	S21020542.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/06/2021 06:19	S21020542.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/06/2021 06:19	S21020542.D
Chloroform	67-66-3	**2.41**		1.42	02/06/2021 06:19	S21020542.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 06:19	S21020542.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 06:19	S21020542.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 06:19	S21020542.D
Benzene	71-43-2	<2.35		2.35	02/06/2021 06:19	S21020542.D
Trichloroethene	79-01-6	<1.51		1.51	02/06/2021 06:19	S21020542.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/06/2021 06:19	S21020542.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 06:19	S21020542.D
Toluene	108-88-3	<3.11		3.11	02/06/2021 06:19	S21020542.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/06/2021 06:19	S21020542.D
Tetrachloroethene	127-18-4	**9.24**		1.21	02/06/2021 06:19	S21020542.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/06/2021 06:19	S21020542.D
Chlorobenzene	108-90-7	<0.59		0.59	02/06/2021 06:19	S21020542.D
Ethylbenzene	100-41-4	<1.46		1.46	02/06/2021 06:19	S21020542.D
p & m-Xylene	179601-23-1	<1.41		1.41	02/06/2021 06:19	S21020542.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/06/2021 06:19	S21020542.D
o-Xylene	95-47-6	<1.41		1.41	02/06/2021 06:19	S21020542.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 06:19	S21020542.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/06/2021 06:19	S21020542.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/06/2021 06:19	S21020542.D
1,2,4-Trimethylbenzene	95-63-6	<1.50		1.50	02/06/2021 06:19	S21020542.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 06:19	S21020542.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 06:19	S21020542.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 06:19	S21020542.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/06/2021 06:19	S21020542.D
Naphthalene	91-20-3	<1.56		1.56	02/06/2021 06:19	S21020542.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/06/2021 06:19	S21020542.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/06/2021 06:19	S21020542.D
∉ TPH C4-C9		<422		422	02/06/2021 06:19	S21020542.D
∉ TPH C10-C15		<361		361	02/06/2021 06:19	S21020542.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-39

PSG 37

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/06/2021 06:46	S21020543.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/06/2021 06:46	S21020543.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 06:46	S21020543.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/06/2021 06:46	S21020543.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/06/2021 06:46	S21020543.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/06/2021 06:46	S21020543.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/06/2021 06:46	S21020543.D
Chloroform	67-66-3	<1.42		1.42	02/06/2021 06:46	S21020543.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 06:46	S21020543.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 06:46	S21020543.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 06:46	S21020543.D
Benzene	71-43-2	<2.35		2.35	02/06/2021 06:46	S21020543.D
Trichloroethene	79-01-6	<1.51		1.51	02/06/2021 06:46	S21020543.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/06/2021 06:46	S21020543.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 06:46	S21020543.D
Toluene	108-88-3	<3.11		3.11	02/06/2021 06:46	S21020543.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/06/2021 06:46	S21020543.D
Tetrachloroethene	127-18-4	**4.60**		1.21	02/06/2021 06:46	S21020543.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/06/2021 06:46	S21020543.D
Chlorobenzene	108-90-7	<0.59		0.59	02/06/2021 06:46	S21020543.D
Ethylbenzene	100-41-4	<1.46		1.46	02/06/2021 06:46	S21020543.D
p & m-Xylene	179601-23-1	<1.41		1.41	02/06/2021 06:46	S21020543.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/06/2021 06:46	S21020543.D
o-Xylene	95-47-6	<1.41		1.41	02/06/2021 06:46	S21020543.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 06:46	S21020543.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/06/2021 06:46	S21020543.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/06/2021 06:46	S21020543.D
1,2,4-Trimethylbenzene	95-63-6	<1.50		1.50	02/06/2021 06:46	S21020543.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 06:46	S21020543.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 06:46	S21020543.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 06:46	S21020543.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/06/2021 06:46	S21020543.D
Naphthalene	91-20-3	<1.56		1.56	02/06/2021 06:46	S21020543.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/06/2021 06:46	S21020543.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/06/2021 06:46	S21020543.D
∉ TPH C4-C9		<422		422	02/06/2021 06:46	S21020543.D
∉ TPH C10-C15		<361		361	02/06/2021 06:46	S21020543.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-40

PSG 38

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/06/2021 07:13	S21020544.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/06/2021 07:13	S21020544.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 07:13	S21020544.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/06/2021 07:13	S21020544.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/06/2021 07:13	S21020544.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/06/2021 07:13	S21020544.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/06/2021 07:13	S21020544.D
Chloroform	67-66-3	<1.42		1.42	02/06/2021 07:13	S21020544.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 07:13	S21020544.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 07:13	S21020544.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 07:13	S21020544.D
Benzene	71-43-2	<2.35		2.35	02/06/2021 07:13	S21020544.D
Trichloroethene	79-01-6	<1.51		1.51	02/06/2021 07:13	S21020544.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/06/2021 07:13	S21020544.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 07:13	S21020544.D
Toluene	108-88-3	<3.11		3.11	02/06/2021 07:13	S21020544.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/06/2021 07:13	S21020544.D
Tetrachloroethene	127-18-4	<1.21		1.21	02/06/2021 07:13	S21020544.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/06/2021 07:13	S21020544.D
Chlorobenzene	108-90-7	<0.59		0.59	02/06/2021 07:13	S21020544.D
Ethylbenzene	100-41-4	<1.46		1.46	02/06/2021 07:13	S21020544.D
p & m-Xylene	179601-23-1	<1.41		1.41	02/06/2021 07:13	S21020544.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/06/2021 07:13	S21020544.D
o-Xylene	95-47-6	<1.41		1.41	02/06/2021 07:13	S21020544.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 07:13	S21020544.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/06/2021 07:13	S21020544.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/06/2021 07:13	S21020544.D
1,2,4-Trimethylbenzene	95-63-6	<1.50		1.50	02/06/2021 07:13	S21020544.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 07:13	S21020544.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 07:13	S21020544.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 07:13	S21020544.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/06/2021 07:13	S21020544.D
Naphthalene	91-20-3	<1.56		1.56	02/06/2021 07:13	S21020544.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/06/2021 07:13	S21020544.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/06/2021 07:13	S21020544.D
∉ TPH C4-C9		<422		422	02/06/2021 07:13	S21020544.D
∉ TPH C10-C15		<361		361	02/06/2021 07:13	S21020544.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-41

PSG 39

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.61		0.61	02/06/2021 07:41	S21020545.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/06/2021 07:41	S21020545.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/06/2021 07:41	S21020545.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/06/2021 07:41	S21020545.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/06/2021 07:41	S21020545.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/06/2021 07:41	S21020545.D
cis-1,2-Dichloroethene	156-59-2	<0.94		0.94	02/06/2021 07:41	S21020545.D
Chloroform	67-66-3	<1.42		1.42	02/06/2021 07:41	S21020545.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/06/2021 07:41	S21020545.D
1,1,1-Trichloroethane	71-55-6	<0.47		0.47	02/06/2021 07:41	S21020545.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/06/2021 07:41	S21020545.D
Benzene	71-43-2	<2.35		2.35	02/06/2021 07:41	S21020545.D
Trichloroethene	79-01-6	<1.51		1.51	02/06/2021 07:41	S21020545.D
1,4-Dioxane	123-91-1	<1.21		1.21	02/06/2021 07:41	S21020545.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/06/2021 07:41	S21020545.D
Toluene	108-88-3	<3.11		3.11	02/06/2021 07:41	S21020545.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/06/2021 07:41	S21020545.D
Tetrachloroethene	127-18-4	<1.21		1.21	02/06/2021 07:41	S21020545.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.21		1.21	02/06/2021 07:41	S21020545.D
Chlorobenzene	108-90-7	<0.59		0.59	02/06/2021 07:41	S21020545.D
Ethylbenzene	100-41-4	<1.47		1.47	02/06/2021 07:41	S21020545.D
p & m-Xylene	179601-23-1	<1.42		1.42	02/06/2021 07:41	S21020545.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.21		1.21	02/06/2021 07:41	S21020545.D
o-Xylene	95-47-6	<1.42		1.42	02/06/2021 07:41	S21020545.D
1,2,3-Trichloropropane	96-18-4	<0.66		0.66	02/06/2021 07:41	S21020545.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/06/2021 07:41	S21020545.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/06/2021 07:41	S21020545.D
1,2,4-Trimethylbenzene	95-63-6	<1.50		1.50	02/06/2021 07:41	S21020545.D
1,3-Dichlorobenzene	541-73-1	<0.66		0.66	02/06/2021 07:41	S21020545.D
1,4-Dichlorobenzene	106-46-7	<0.66		0.66	02/06/2021 07:41	S21020545.D
1,2-Dichlorobenzene	95-50-1	<0.66		0.66	02/06/2021 07:41	S21020545.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/06/2021 07:41	S21020545.D
Naphthalene	91-20-3	<1.56		1.56	02/06/2021 07:41	S21020545.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/06/2021 07:41	S21020545.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/06/2021 07:41	S21020545.D
∉ TPH C4-C9		<422		422	02/06/2021 07:41	S21020545.D
∉ TPH C10-C15		<361		361	02/06/2021 07:41	S21020545.D

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Lab Sample ID: 0005610-42

PSG 20 Dup

Soil Gas

Method: EPA 8260C

Analyte	CAS#	Result (µg/m³)	Q	LOQ (µg/m³)	Analyzed	File ID
Vinyl Chloride	75-01-4	<0.62		0.62	02/08/2021 13:00	S21020805.D
1,1-Dichloroethene	75-35-4	<1.51		1.51	02/08/2021 13:00	S21020805.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56		0.56	02/08/2021 13:00	S21020805.D
trans-1,2-Dichloroethene	156-60-5	<1.13		1.13	02/08/2021 13:00	S21020805.D
Methyl-t-butyl ether	1634-04-4	<2.49		2.49	02/08/2021 13:00	S21020805.D
1,1-Dichloroethane	75-34-3	<0.59		0.59	02/08/2021 13:00	S21020805.D
cis-1,2-Dichloroethene	156-59-2	**8.21**		0.94	02/08/2021 13:00	S21020805.D
Chloroform	67-66-3	<1.43		1.43	02/08/2021 13:00	S21020805.D
1,2-Dichloroethane	107-06-2	<0.89		0.89	02/08/2021 13:00	S21020805.D
1,1,1-Trichloroethane	71-55-6	<0.48		0.48	02/08/2021 13:00	S21020805.D
Carbon Tetrachloride	56-23-5	<1.16		1.16	02/08/2021 13:00	S21020805.D
Benzene	71-43-2	**2.81**		2.35	02/08/2021 13:00	S21020805.D
Trichloroethene	79-01-6	**231**	D	15.6	02/09/2021 15:31	S21020905.D
1,4-Dioxane	123-91-1	<1.22		1.22	02/08/2021 13:00	S21020805.D
1,1,2-Trichloroethane	79-00-5	<1.51		1.51	02/08/2021 13:00	S21020805.D
Toluene	108-88-3	**3.12**		3.12	02/08/2021 13:00	S21020805.D
1,2-Dibromoethane (EDB)	106-93-4	<1.28		1.28	02/08/2021 13:00	S21020805.D
Tetrachloroethene	127-18-4	**4,890**	D	103	02/10/2021 10:36	S21020933.D
1,1,1,2-Tetrachloroethane	630-20-6	<1.22		1.22	02/08/2021 13:00	S21020805.D
Chlorobenzene	108-90-7	<0.59		0.59	02/08/2021 13:00	S21020805.D
Ethylbenzene	100-41-4	**23.0**		1.47	02/08/2021 13:00	S21020805.D
p & m-Xylene	179601-23-1	**86.9**	D	14.7	02/09/2021 15:31	S21020905.D
1,1,2,2-Tetrachloroethane	79-34-5	<1.22		1.22	02/08/2021 13:00	S21020805.D
o-Xylene	95-47-6	**29.5**		1.42	02/08/2021 13:00	S21020805.D
1,2,3-Trichloropropane	96-18-4	<0.67		0.67	02/08/2021 13:00	S21020805.D
Isopropylbenzene	98-82-8	<1.50		1.50	02/08/2021 13:00	S21020805.D
1,3,5-Trimethylbenzene	108-67-8	<1.50		1.50	02/08/2021 13:00	S21020805.D
1,2,4-Trimethylbenzene	95-63-6	**3.04**		1.50	02/08/2021 13:00	S21020805.D
1,3-Dichlorobenzene	541-73-1	<0.67		0.67	02/08/2021 13:00	S21020805.D
1,4-Dichlorobenzene	106-46-7	<0.67		0.67	02/08/2021 13:00	S21020805.D
1,2-Dichlorobenzene	95-50-1	<0.67		0.67	02/08/2021 13:00	S21020805.D
1,2,4-Trichlorobenzene	120-82-1	<1.28		1.28	02/08/2021 13:00	S21020805.D
Naphthalene	91-20-3	<1.56		1.56	02/08/2021 13:00	S21020805.D
1,2,3-Trichlorobenzene	87-61-6	<1.28		1.28	02/08/2021 13:00	S21020805.D
2-Methylnaphthalene	91-57-6	<1.64		1.64	02/08/2021 13:00	S21020805.D
∉ TPH C4-C9		<423		423	02/08/2021 13:00	S21020805.D
∉ **TPH C10-C15**		**377**		362	02/08/2021 13:00	S21020805.D

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1.410.838.8780

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

QC Information/Summary

2203A Commerce Road, Suite 1
Forest Hill, MD 21050 USA
1.410.838.8780

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Soil-Gas Sample Analysis by EPA Method 8260C - Quality Control Summary

21B0014-BLK1 (Lab Blank) File ID: S21020503.D Analyzed: 2/5/21 12:42

Sampler: Beacon Passive Sampler Analyte	CAS#	Result (ng)	LOQ (ng)	Q
Vinyl Chloride	75-01-4	<10	10	
1,1-Dichloroethene	75-35-4	<10	10	
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10	10	
trans-1,2-Dichloroethene	156-60-5	<10	10	
Methyl-t-butyl ether	1634-04-4	<25	25	
1,1-Dichloroethane	75-34-3	<10	10	
cis-1,2-Dichloroethene	156-59-2	<10	10	
Chloroform	67-66-3	<10	10	
1,2-Dichloroethane	107-06-2	<10	10	
1,1,1-Trichloroethane	71-55-6	<10	10	
Carbon Tetrachloride	56-23-5	<10	10	
Benzene	71-43-2	<25	25	
Trichloroethene	79-01-6	<10	10	
1,4-Dioxane	123-91-1	<10	10	
1,1,2-Trichloroethane	79-00-5	<10	10	
Toluene	108-88-3	<25	25	
1,2-Dibromoethane (EDB)	106-93-4	<10	10	
Tetrachloroethene	127-18-4	<10	10	
1,1,1,2-Tetrachloroethane	630-20-6	<10	10	
Chlorobenzene	108-90-7	<10	10	
Ethylbenzene	100-41-4	<25	25	
p & m-Xylene	179601-23-1	<25	25	
1,1,2,2-Tetrachloroethane	79-34-5	<10	10	
o-Xylene	95-47-6	<25	25	
1,2,3-Trichloropropane	96-18-4	<10	10	
Isopropylbenzene	98-82-8	<25	25	
1,3,5-Trimethylbenzene	108-67-8	<25	25	
1,2,4-Trimethylbenzene	95-63-6	<25	25	
1,3-Dichlorobenzene	541-73-1	<10	10	
1,4-Dichlorobenzene	106-46-7	<10	10	
1,2-Dichlorobenzene	95-50-1	<10	10	
1,2,4-Trichlorobenzene	120-82-1	<10	10	
Naphthalene	91-20-3	<25	25	
1,2,3-Trichlorobenzene	87-61-6	<10	10	
2-Methylnaphthalene	91-57-6	<25	25	
TPH C4-C9		<5000	5000	
TPH C10-C15		<5000	5000	

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Soil-Gas Sample Analysis by EPA Method 8260C - Quality Control Summary

21B0017-BLK1 (Lab Blank) File ID: S21020803.D Analyzed: 2/8/21 12:09

Sampler: Beacon Passive Sampler

Analyte	CAS#	Result (ng)	LOQ (ng)	Q
Vinyl Chloride	75-01-4	<10	10	
1,1-Dichloroethene	75-35-4	<10	10	
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10	10	
trans-1,2-Dichloroethene	156-60-5	<10	10	
Methyl-t-butyl ether	1634-04-4	<25	25	
1,1-Dichloroethane	75-34-3	<10	10	
cis-1,2-Dichloroethene	156-59-2	<10	10	
Chloroform	67-66-3	<10	10	
1,2-Dichloroethane	107-06-2	<10	10	
1,1,1-Trichloroethane	71-55-6	<10	10	
Carbon Tetrachloride	56-23-5	<10	10	
Benzene	71-43-2	<25	25	
Trichloroethene	79-01-6	<10	10	
1,4-Dioxane	123-91-1	<10	10	
1,1,2-Trichloroethane	79-00-5	<10	10	
Toluene	108-88-3	<25	25	
1,2-Dibromoethane (EDB)	106-93-4	<10	10	
Tetrachloroethene	127-18-4	<10	10	
1,1,1,2-Tetrachloroethane	630-20-6	<10	10	
Chlorobenzene	108-90-7	<10	10	
Ethylbenzene	100-41-4	<25	25	
p & m-Xylene	179601-23-1	<25	25	
1,1,2,2-Tetrachloroethane	79-34-5	<10	10	
o-Xylene	95-47-6	<25	25	
1,2,3-Trichloropropane	96-18-4	<10	10	
Isopropylbenzene	98-82-8	<25	25	
1,3,5-Trimethylbenzene	108-67-8	<25	25	
1,2,4-Trimethylbenzene	95-63-6	<25	25	
1,3-Dichlorobenzene	541-73-1	<10	10	
1,4-Dichlorobenzene	106-46-7	<10	10	
1,2-Dichlorobenzene	95-50-1	<10	10	
1,2,4-Trichlorobenzene	120-82-1	<10	10	
Naphthalene	91-20-3	<25	25	
1,2,3-Trichlorobenzene	87-61-6	<10	10	
2-Methylnaphthalene	91-57-6	<25	25	
TPH C4-C9		<5000	5000	
TPH C10-C15		<5000	5000	

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Soil-Gas Sample Analysis by EPA Method 8260C - Quality Control Summary

21B0018-BLK1 (Lab Blank) File ID: S21020903.D Analyzed: 2/9/21 14:36

Sampler: Beacon Passive Sampler

Analyte	CAS#	Result (ng)	LOQ (ng)	Q
Vinyl Chloride	75-01-4	<10	10	
1,1-Dichloroethene	75-35-4	<10	10	
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10	10	
trans-1,2-Dichloroethene	156-60-5	<10	10	
Methyl-t-butyl ether	1634-04-4	<25	25	
1,1-Dichloroethane	75-34-3	<10	10	
cis-1,2-Dichloroethene	156-59-2	<10	10	
Chloroform	67-66-3	<10	10	
1,2-Dichloroethane	107-06-2	<10	10	
1,1,1-Trichloroethane	71-55-6	<10	10	
Carbon Tetrachloride	56-23-5	<10	10	
Benzene	71-43-2	<25	25	
Trichloroethene	79-01-6	<10	10	
1,4-Dioxane	123-91-1	<10	10	
1,1,2-Trichloroethane	79-00-5	<10	10	
Toluene	108-88-3	<25	25	
1,2-Dibromoethane (EDB)	106-93-4	<10	10	
Tetrachloroethene	127-18-4	<10	10	
1,1,1,2-Tetrachloroethane	630-20-6	<10	10	
Chlorobenzene	108-90-7	<10	10	
Ethylbenzene	100-41-4	<25	25	
p & m-Xylene	179601-23-1	<25	25	
1,1,2,2-Tetrachloroethane	79-34-5	<10	10	
o-Xylene	95-47-6	<25	25	
1,2,3-Trichloropropane	96-18-4	<10	10	
Isopropylbenzene	98-82-8	<25	25	
1,3,5-Trimethylbenzene	108-67-8	<25	25	
1,2,4-Trimethylbenzene	95-63-6	<25	25	
1,3-Dichlorobenzene	541-73-1	<10	10	
1,4-Dichlorobenzene	106-46-7	<10	10	
1,2-Dichlorobenzene	95-50-1	<10	10	
1,2,4-Trichlorobenzene	120-82-1	<10	10	
Naphthalene	91-20-3	<25	25	
1,2,3-Trichlorobenzene	87-61-6	<10	10	
2-Methylnaphthalene	91-57-6	<25	25	
TPH C4-C9		<5000	5000	
TPH C10-C15		<5000	5000	

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Soil-Gas Analysis by EPA 8260 - Data in Concentration - Quality Control Summary

21B0014-BLK1 (Lab Blank) File ID: S21020503.D Analyzed: 2/5/21 12:42

Sampler: Beacon Passive Sampler

Analyte	CAS#	Result (µg/m³)	LOQ (µg/m³)	Q
Vinyl Chloride	75-01-4	<0.612	0.612	
1,1-Dichloroethene	75-35-4	<1.50	1.50	
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.557	0.557	
trans-1,2-Dichloroethene	156-60-5	<1.13	1.13	
Methyl-t-butyl ether	1634-04-4	<2.48	2.48	
1,1-Dichloroethane	75-34-3	<0.583	0.583	
cis-1,2-Dichloroethene	156-59-2	<0.935	0.935	
Chloroform	67-66-3	<1.42	1.42	
1,2-Dichloroethane	107-06-2	<0.885	0.885	
1,1,1-Trichloroethane	71-55-6	<0.472	0.472	
Carbon Tetrachloride	56-23-5	<1.15	1.15	
Benzene	71-43-2	<2.34	2.34	
Trichloroethene	79-01-6	<1.50	1.50	
1,4-Dioxane	123-91-1	<1.21	1.21	
1,1,2-Trichloroethane	79-00-5	<1.50	1.50	
Toluene	108-88-3	<3.10	3.10	
1,2-Dibromoethane (EDB)	106-93-4	<1.27	1.27	
Tetrachloroethene	127-18-4	<1.21	1.21	
1,1,1,2-Tetrachloroethane	630-20-6	<1.21	1.21	
Chlorobenzene	108-90-7	<0.583	0.583	
Ethylbenzene	100-41-4	<1.46	1.46	
p & m-Xylene	179601-23-1	<1.41	1.41	
1,1,2,2-Tetrachloroethane	79-34-5	<1.21	1.21	
o-Xylene	95-47-6	<1.41	1.41	
1,2,3-Trichloropropane	96-18-4	<0.661	0.661	
Isopropylbenzene	98-82-8	<1.49	1.49	
1,3,5-Trimethylbenzene	108-67-8	<1.49	1.49	
1,2,4-Trimethylbenzene	95-63-6	<1.49	1.49	
1,3-Dichlorobenzene	541-73-1	<0.661	0.661	
1,4-Dichlorobenzene	106-46-7	<0.661	0.661	
1,2-Dichlorobenzene	95-50-1	<0.661	0.661	
1,2,4-Trichlorobenzene	120-82-1	<1.27	1.27	
Naphthalene	91-20-3	<1.55	1.55	
1,2,3-Trichlorobenzene	87-61-6	<1.27	1.27	
2-Methylnaphthalene	91-57-6	<1.63	1.63	
TPH C4-C9		<420	420	
TPH C10-C15		<359	359	

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Soil-Gas Analysis by EPA 8260 - Data in Concentration - Quality Control Summary

21B0017-BLK1 (Lab Blank) File ID: S21020803.D Analyzed: 2/8/21 12:09

Sampler: Beacon Passive Sampler

Analyte	CAS#	Result (µg/m³)	LOQ (µg/m³)	Q
Vinyl Chloride	75-01-4	<0.612	0.612	
1,1-Dichloroethene	75-35-4	<1.50	1.50	
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.557	0.557	
trans-1,2-Dichloroethene	156-60-5	<1.13	1.13	
Methyl-t-butyl ether	1634-04-4	<2.48	2.48	
1,1-Dichloroethane	75-34-3	<0.583	0.583	
cis-1,2-Dichloroethene	156-59-2	<0.935	0.935	
Chloroform	67-66-3	<1.42	1.42	
1,2-Dichloroethane	107-06-2	<0.885	0.885	
1,1,1-Trichloroethane	71-55-6	<0.472	0.472	
Carbon Tetrachloride	56-23-5	<1.15	1.15	
Benzene	71-43-2	<2.34	2.34	
Trichloroethene	79-01-6	<1.50	1.50	
1,4-Dioxane	123-91-1	<1.21	1.21	
1,1,2-Trichloroethane	79-00-5	<1.50	1.50	
Toluene	108-88-3	<3.10	3.10	
1,2-Dibromoethane (EDB)	106-93-4	<1.27	1.27	
Tetrachloroethene	127-18-4	<1.21	1.21	
1,1,1,2-Tetrachloroethane	630-20-6	<1.21	1.21	
Chlorobenzene	108-90-7	<0.583	0.583	
Ethylbenzene	100-41-4	<1.46	1.46	
p & m-Xylene	179601-23-1	<1.41	1.41	
1,1,2,2-Tetrachloroethane	79-34-5	<1.21	1.21	
o-Xylene	95-47-6	<1.41	1.41	
1,2,3-Trichloropropane	96-18-4	<0.661	0.661	
Isopropylbenzene	98-82-8	<1.49	1.49	
1,3,5-Trimethylbenzene	108-67-8	<1.49	1.49	
1,2,4-Trimethylbenzene	95-63-6	<1.49	1.49	
1,3-Dichlorobenzene	541-73-1	<0.661	0.661	
1,4-Dichlorobenzene	106-46-7	<0.661	0.661	
1,2-Dichlorobenzene	95-50-1	<0.661	0.661	
1,2,4-Trichlorobenzene	120-82-1	<1.27	1.27	
Naphthalene	91-20-3	<1.55	1.55	
1,2,3-Trichlorobenzene	87-61-6	<1.27	1.27	
2-Methylnaphthalene	91-57-6	<1.63	1.63	
TPH C4-C9		<420	420	
TPH C10-C15		<359	359	

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Soil-Gas Analysis by EPA 8260 - Data in Concentration - Quality Control Summary

21B0018-BLK1 (Lab Blank) File ID: S21020903.D Analyzed: 2/9/21 14:36

Sampler: Beacon Passive Sampler

Analyte	CAS#	Result (µg/m³)	LOQ (µg/m³)	Q
Vinyl Chloride	75-01-4	<0.612	0.612	
1,1-Dichloroethene	75-35-4	<1.50	1.50	
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.557	0.557	
trans-1,2-Dichloroethene	156-60-5	<1.13	1.13	
Methyl-t-butyl ether	1634-04-4	<2.48	2.48	
1,1-Dichloroethane	75-34-3	<0.583	0.583	
cis-1,2-Dichloroethene	156-59-2	<0.935	0.935	
Chloroform	67-66-3	<1.42	1.42	
1,2-Dichloroethane	107-06-2	<0.885	0.885	
1,1,1-Trichloroethane	71-55-6	<0.472	0.472	
Carbon Tetrachloride	56-23-5	<1.15	1.15	
Benzene	71-43-2	<2.34	2.34	
Trichloroethene	79-01-6	<1.50	1.50	
1,4-Dioxane	123-91-1	<1.21	1.21	
1,1,2-Trichloroethane	79-00-5	<1.50	1.50	
Toluene	108-88-3	<3.10	3.10	
1,2-Dibromoethane (EDB)	106-93-4	<1.27	1.27	
Tetrachloroethene	127-18-4	<1.21	1.21	
1,1,1,2-Tetrachloroethane	630-20-6	<1.21	1.21	
Chlorobenzene	108-90-7	<0.583	0.583	
Ethylbenzene	100-41-4	<1.46	1.46	
p & m-Xylene	179601-23-1	<1.41	1.41	
1,1,2,2-Tetrachloroethane	79-34-5	<1.21	1.21	
o-Xylene	95-47-6	<1.41	1.41	
1,2,3-Trichloropropane	96-18-4	<0.661	0.661	
Isopropylbenzene	98-82-8	<1.49	1.49	
1,3,5-Trimethylbenzene	108-67-8	<1.49	1.49	
1,2,4-Trimethylbenzene	95-63-6	<1.49	1.49	
1,3-Dichlorobenzene	541-73-1	<0.661	0.661	
1,4-Dichlorobenzene	106-46-7	<0.661	0.661	
1,2-Dichlorobenzene	95-50-1	<0.661	0.661	
1,2,4-Trichlorobenzene	120-82-1	<1.27	1.27	
Naphthalene	91-20-3	<1.55	1.55	
1,2,3-Trichlorobenzene	87-61-6	<1.27	1.27	
2-Methylnaphthalene	91-57-6	<1.63	1.63	
TPH C4-C9		<420	420	
TPH C10-C15		<359	359	

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Duplicate RPD Summary

Soil-Gas Sample Analysis by EPA Method 8260C

Duplicate Sample: PSG 20 Dup (0005610-42) ***Sample: PSG 20 (0005610-22)*** ***Average RPD:*** 13.6%

Analyte	CAS#	Duplicate Result (ng)	LOQ (ng)	Sample Result (ng)	LOQ (ng)	RPD (%)
Vinyl Chloride	75-01-4	<10	10	<10	10	0.0
1,1-Dichloroethene	75-35-4	<10	10	27.0	10	91.9
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<10	10	<10	10	0.0
trans-1,2-Dichloroethene	156-60-5	<10	10	35.0	10	111.1
Methyl-t-butyl ether	1634-04-4	<25	25	<25	25	0.0
1,1-Dichloroethane	75-34-3	<10	10	<10	10	0.0
cis-1,2-Dichloroethene	156-59-2	87.0	10	283	10	105.9
Chloroform	67-66-3	<10	10	<10	10	0.0
1,2-Dichloroethane	107-06-2	<10	10	<10	10	0.0
1,1,1-Trichloroethane	71-55-6	<10	10	<10	10	0.0
Carbon Tetrachloride	56-23-5	<10	10	<10	10	0.0
Benzene	71-43-2	30.0	25	28.0	25	6.9
Trichloroethene	79-01-6	1,530	103	5,070	103	107.3
1,4-Dioxane	123-91-1	<10	10	<10	10	0.0
1,1,2-Trichloroethane	79-00-5	<10	10	<10	10	0.0
Toluene	108-88-3	25.0	25	<25	25	0.0
1,2-Dibromoethane (EDB)	106-93-4	<10	10	<10	10	0.0
Tetrachloroethene	127-18-4	40,200	848	37,800	848	6.2
1,1,1,2-Tetrachloroethane	630-20-6	<10	10	<10	10	0.0
Chlorobenzene	108-90-7	<10	10	<10	10	0.0
Ethylbenzene	100-41-4	391	25	510	25	26.4
p & m-Xylene	179601-23-1	1,530	259	2,010	259	27.1
1,1,2,2-Tetrachloroethane	79-34-5	<10	10	<10	10	0.0
o-Xylene	95-47-6	521	25	619	25	17.2
1,2,3-Trichloropropane	96-18-4	<10	10	<10	10	0.0
Isopropylbenzene	98-82-8	<25	25	<25	25	0.0
1,3,5-Trimethylbenzene	108-67-8	<25	25	<25	25	0.0
1,2,4-Trimethylbenzene	95-63-6	51.0	25	52.0	25	1.9
1,3-Dichlorobenzene	541-73-1	<10	10	<10	10	0.0
1,4-Dichlorobenzene	106-46-7	<10	10	<10	10	0.0
1,2-Dichlorobenzene	95-50-1	<10	10	<10	10	0.0
1,2,4-Trichlorobenzene	120-82-1	<10	10	<10	10	0.0
Naphthalene	91-20-3	<25	25	<25	25	0.0
1,2,3-Trichlorobenzene	87-61-6	<10	10	<10	10	0.0
2-Methylnaphthalene	91-57-6	<25	25	<25	25	0.0
TPH C4-C9		<5,000	5000	<5,000	5000	0.0
TPH C10-C15		5,210	5000	5,250	5000	0.8

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Forest Hill, MD 21050 USA
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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Duplicate RPD Summary - Concentration

Soil-Gas Analysis by EPA 8260 - Data in Concentration

Duplicate Sample: PSG 20 Dup (0005610-42) ***Sample: PSG 20 (0005610-22)*** ***Average RPD:*** 13.6%

Analyte	CAS#	Duplicate Result (µg/m³)	LOQ (µg/m³)	Sample Result (µg/m³)	LOQ (µg/m³)	RPD (%)
Vinyl Chloride	75-01-4	<0.62	0.62	<0.62	0.62	0.0
1,1-Dichloroethene	75-35-4	<1.51	1.51	4.01	1.51	90.6
1,1,2-Trichlorotrifluoroethane (Fr.113)	76-13-1	<0.56	0.56	<0.56	0.56	0.0
trans-1,2-Dichloroethene	156-60-5	<1.13	1.13	4.02	1.13	112.2
Methyl-t-butyl ether	1634-04-4	<2.49	2.49	<2.49	2.49	0.0
1,1-Dichloroethane	75-34-3	<0.59	0.59	<0.59	0.59	0.0
cis-1,2-Dichloroethene	156-59-2	8.21	0.94	26.6	0.94	105.7
Chloroform	67-66-3	<1.43	1.43	<1.43	1.43	0.0
1,2-Dichloroethane	107-06-2	<0.89	0.89	<0.89	0.89	0.0
1,1,1-Trichloroethane	71-55-6	<0.48	0.48	<0.48	0.48	0.0
Carbon Tetrachloride	56-23-5	<1.16	1.16	<1.16	1.16	0.0
Benzene	71-43-2	2.81	2.35	2.67	2.35	5.1
Trichloroethene	79-01-6	231	15.6	767	15.6	107.4
1,4-Dioxane	123-91-1	<1.22	1.22	<1.22	1.22	0.0
1,1,2-Trichloroethane	79-00-5	<1.51	1.51	<1.51	1.51	0.0
Toluene	108-88-3	3.12	3.12	<3.12	3.12	0.0
1,2-Dibromoethane (EDB)	106-93-4	<1.28	1.28	<1.28	1.28	0.0
Tetrachloroethene	127-18-4	4,890	103	4,600	103	6.1
1,1,1,2-Tetrachloroethane	630-20-6	<1.22	1.22	<1.22	1.22	0.0
Chlorobenzene	108-90-7	<0.59	0.59	<0.59	0.59	0.0
Ethylbenzene	100-41-4	23.0	1.47	29.9	1.47	26.1
p & m-Xylene	179601-23-1	86.9	14.7	114	14.7	27.0
1,1,2,2-Tetrachloroethane	79-34-5	<1.22	1.22	<1.22	1.22	0.0
o-Xylene	95-47-6	29.5	1.42	35.1	1.42	17.3
1,2,3-Trichloropropane	96-18-4	<0.67	0.67	<0.67	0.67	0.0
Isopropylbenzene	98-82-8	<1.50	1.50	<1.50	1.50	0.0
1,3,5-Trimethylbenzene	108-67-8	<1.50	1.50	<1.50	1.50	0.0
1,2,4-Trimethylbenzene	95-63-6	3.04	1.50	3.15	1.50	3.6
1,3-Dichlorobenzene	541-73-1	<0.67	0.67	<0.67	0.67	0.0
1,4-Dichlorobenzene	106-46-7	<0.67	0.67	<0.67	0.67	0.0
1,2-Dichlorobenzene	95-50-1	<0.67	0.67	<0.67	0.67	0.0
1,2,4-Trichlorobenzene	120-82-1	<1.28	1.28	<1.28	1.28	0.0
Naphthalene	91-20-3	<1.56	1.56	<1.56	1.56	0.0
1,2,3-Trichlorobenzene	87-61-6	<1.28	1.28	<1.28	1.28	0.0
2-Methylnaphthalene	91-57-6	<1.64	1.64	<1.64	1.64	0.0
TPH C4-C9		<5,000	423	<5,000	423	0.0
TPH C10-C15		377	362	380	362	0.8

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Additional QC Information

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-01 **Sample Name:** Trip 1

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,170	1.00	0.810	U	U	S21020505.D
1,1-Dichloroethene	20,170	1.00	0.330	U	U	S21020505.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,170	1.00	0.890 g	U	U	S21020505.D
trans-1,2-Dichloroethene	20,170	1.00	0.440	U	U	S21020505.D
Methyl-t-butyl ether	20,170	1.00	0.500 g	U	U	S21020505.D
1,1-Dichloroethane	20,170	1.00	0.850	U	U	S21020505.D
cis-1,2-Dichloroethene	20,170	1.00	0.530	U	U	S21020505.D
Chloroform	20,170	1.00	0.350 g	U	U	S21020505.D
1,2-Dichloroethane	20,170	1.00	0.560	U	U	S21020505.D
1,1,1-Trichloroethane	20,170	1.00	1.050	U	U	S21020505.D
Carbon Tetrachloride	20,170	1.00	0.430 g	U	U	S21020505.D
Benzene	20,170	1.00	0.530	U	U	S21020505.D
Trichloroethene	20,170	1.00	0.330	U	U	S21020505.D
1,4-Dioxane	20,170	1.00	0.410 g	U	U	S21020505.D
1,1,2-Trichloroethane	20,170	1.00	0.330 g	U	U	S21020505.D
Toluene	20,170	1.00	0.400	U	U	S21020505.D
1,2-Dibromoethane (EDB)	20,170	1.00	0.390 g	U	U	S21020505.D
Tetrachloroethene	20,170	1.00	0.410	U	U	S21020505.D
1,1,1,2-Tetrachloroethane	20,170	1.00	0.410 g	U	U	S21020505.D
Chlorobenzene	20,170	1.00	0.850 g	U	U	S21020505.D
Ethylbenzene	20,170	1.00	0.850	U	U	S21020505.D
p & m-Xylene	20,170	1.00	0.880	U	U	S21020505.D
1,1,2,2-Tetrachloroethane	20,170	1.00	0.410 g	U	U	S21020505.D
o-Xylene	20,170	1.00	0.880	U	U	S21020505.D
1,2,3-Trichloropropane	20,170	1.00	0.750 g	U	U	S21020505.D
Isopropylbenzene	20,170	1.00	0.830 g	U	U	S21020505.D
1,3,5-Trimethylbenzene	20,170	1.00	0.830 g	U	U	S21020505.D
1,2,4-Trimethylbenzene	20,170	1.00	0.830 g	U	U	S21020505.D
1,3-Dichlorobenzene	20,170	1.00	0.750 g	U	U	S21020505.D
1,4-Dichlorobenzene	20,170	1.00	0.750 g	U	U	S21020505.D
1,2-Dichlorobenzene	20,170	1.00	0.750 g	U	U	S21020505.D
1,2,4-Trichlorobenzene	20,170	1.00	0.390 g	U	U	S21020505.D
Naphthalene	20,170	1.00	0.800 g	U	U	S21020505.D
1,2,3-Trichlorobenzene	20,170	1.00	0.390 g	U	U	S21020505.D
2-Methylnaphthalene	20,170	1.00	0.760 g	U	U	S21020505.D
TPH C4-C9	20,170	1.00	0.590 g	U	U	S21020505.D
TPH C10-C15	20,170	1.00	0.690 g	U	U	S21020505.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-02 **Sample Name:** Trip 2

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,170	1.00	0.810	U	U	S21020506.D
1,1-Dichloroethene	20,170	1.00	0.330	U	U	S21020506.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,170	1.00	0.890 g	U	U	S21020506.D
trans-1,2-Dichloroethene	20,170	1.00	0.440	U	U	S21020506.D
Methyl-t-butyl ether	20,170	1.00	0.500 g	U	U	S21020506.D
1,1-Dichloroethane	20,170	1.00	0.850	U	U	S21020506.D
cis-1,2-Dichloroethene	20,170	1.00	0.530	U	U	S21020506.D
Chloroform	20,170	1.00	0.350 g	U	U	S21020506.D
1,2-Dichloroethane	20,170	1.00	0.560	U	U	S21020506.D
1,1,1-Trichloroethane	20,170	1.00	1.050	U	U	S21020506.D
Carbon Tetrachloride	20,170	1.00	0.430 g	U	U	S21020506.D
Benzene	20,170	1.00	0.530	U	U	S21020506.D
Trichloroethene	20,170	1.00	0.330	U	U	S21020506.D
1,4-Dioxane	20,170	1.00	0.410 g	U	U	S21020506.D
1,1,2-Trichloroethane	20,170	1.00	0.330 g	U	U	S21020506.D
Toluene	20,170	1.00	0.400	U	U	S21020506.D
1,2-Dibromoethane (EDB)	20,170	1.00	0.390 g	U	U	S21020506.D
Tetrachloroethene	20,170	1.00	0.410	U	U	S21020506.D
1,1,1,2-Tetrachloroethane	20,170	1.00	0.410 g	U	U	S21020506.D
Chlorobenzene	20,170	1.00	0.850 g	U	U	S21020506.D
Ethylbenzene	20,170	1.00	0.850	U	U	S21020506.D
p & m-Xylene	20,170	1.00	0.880	U	U	S21020506.D
1,1,2,2-Tetrachloroethane	20,170	1.00	0.410 g	U	U	S21020506.D
o-Xylene	20,170	1.00	0.880	U	U	S21020506.D
1,2,3-Trichloropropane	20,170	1.00	0.750 g	U	U	S21020506.D
Isopropylbenzene	20,170	1.00	0.830 g	U	U	S21020506.D
1,3,5-Trimethylbenzene	20,170	1.00	0.830 g	U	U	S21020506.D
1,2,4-Trimethylbenzene	20,170	1.00	0.830 g	U	U	S21020506.D
1,3-Dichlorobenzene	20,170	1.00	0.750 g	U	U	S21020506.D
1,4-Dichlorobenzene	20,170	1.00	0.750 g	U	U	S21020506.D
1,2-Dichlorobenzene	20,170	1.00	0.750 g	U	U	S21020506.D
1,2,4-Trichlorobenzene	20,170	1.00	0.390 g	U	U	S21020506.D
Naphthalene	20,170	1.00	0.800 g	U	U	S21020506.D
1,2,3-Trichlorobenzene	20,170	1.00	0.390 g	U	U	S21020506.D
2-Methylnaphthalene	20,170	1.00	0.760 g	U	U	S21020506.D
TPH C4-C9	20,170	1.00	0.590 g	U	U	S21020506.D
TPH C10-C15	20,170	1.00	0.690 g	U	U	S21020506.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-03 **Sample Name:** PSG 1

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,086	1.00	0.810	24.65	1.52	S21020507.D
1,1-Dichloroethene	20,086	1.00	0.330	21.72	3.28	S21020507.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,086	1.00	0.890 g	U	U	S21020507.D
trans-1,2-Dichloroethene	20,086	1.00	0.440	310.67	35.2	S21020507.D
Methyl-t-butyl ether	20,086	1.00	0.500 g	U	U	S21020507.D
1,1-Dichloroethane	20,086	1.00	0.850	19.61	1.15	S21020507.D
cis-1,2-Dichloroethene	20,086	10.34	0.530	446.61	434	S21020546.D
Chloroform	20,086	1.00	0.350 g	U	U	S21020507.D
1,2-Dichloroethane	20,086	1.00	0.560	U	U	S21020507.D
1,1,1-Trichloroethane	20,086	1.00	1.050	U	U	S21020507.D
Carbon Tetrachloride	20,086	1.00	0.430 g	U	U	S21020507.D
Benzene	20,086	1.00	0.530	69.81	6.56	S21020507.D
Trichloroethene	20,086	1.00	0.330	258.58	39.0	S21020507.D
1,4-Dioxane	20,086	1.00	0.410 g	U	U	S21020507.D
1,1,2-Trichloroethane	20,086	1.00	0.330 g	U	U	S21020507.D
Toluene	20,086	1.00	0.400	83.00	10.3	S21020507.D
1,2-Dibromoethane (EDB)	20,086	1.00	0.390 g	U	U	S21020507.D
Tetrachloroethene	20,086	1.00	0.410	233.24	28.3	S21020507.D
1,1,1,2-Tetrachloroethane	20,086	1.00	0.410 g	U	U	S21020507.D
Chlorobenzene	20,086	1.00	0.850 g	U	U	S21020507.D
Ethylbenzene	20,086	10.34	0.850	149.76	90.7	S21020546.D
p & m-Xylene	20,086	10.34	0.880	579.24	339	S21020546.D
1,1,2,2-Tetrachloroethane	20,086	1.00	0.410 g	U	U	S21020507.D
o-Xylene	20,086	10.34	0.880	234.46	137	S21020546.D
1,2,3-Trichloropropane	20,086	1.00	0.750 g	U	U	S21020507.D
Isopropylbenzene	20,086	1.00	0.830 g	43.81	2.63	S21020507.D
1,3,5-Trimethylbenzene	20,086	1.00	0.830 g	76.55	4.59	S21020507.D
1,2,4-Trimethylbenzene	20,086	1.00	0.830 g	173.38	10.4	S21020507.D
1,3-Dichlorobenzene	20,086	1.00	0.750 g	U	U	S21020507.D
1,4-Dichlorobenzene	20,086	1.00	0.750 g	U	U	S21020507.D
1,2-Dichlorobenzene	20,086	1.00	0.750 g	U	U	S21020507.D
1,2,4-Trichlorobenzene	20,086	1.00	0.390 g	U	U	S21020507.D
Naphthalene	20,086	1.00	0.800 g	U	U	S21020507.D
1,2,3-Trichlorobenzene	20,086	1.00	0.390 g	U	U	S21020507.D
2-Methylnaphthalene	20,086	1.00	0.760 g	94.26	6.17	S21020507.D
TPH C4-C9	20,086	1.00	0.590 g	73380.64	6,190	S21020507.D
TPH C10-C15	20,086	1.00	0.690 g	26141.86	1,890	S21020507.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Lab ID: 0005610-04 **Sample Name:** PSG 2						
Vinyl Chloride	20,072	1.00	0.810	U	U	S21020508.D
1,1-Dichloroethene	20,072	1.00	0.330	U	U	S21020508.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,072	1.00	0.890 g	U	U	S21020508.D
trans-1,2-Dichloroethene	20,072	1.00	0.440	32.44	3.67	S21020508.D
Methyl-t-butyl ether	20,072	1.00	0.500 g	U	U	S21020508.D
1,1-Dichloroethane	20,072	1.00	0.850	U	U	S21020508.D
cis-1,2-Dichloroethene	20,072	1.00	0.530	412.33	38.8	S21020508.D
Chloroform	20,072	1.00	0.350 g	U	U	S21020508.D
1,2-Dichloroethane	20,072	1.00	0.560	U	U	S21020508.D
1,1,1-Trichloroethane	20,072	1.00	1.050	U	U	S21020508.D
Carbon Tetrachloride	20,072	1.00	0.430 g	U	U	S21020508.D
Benzene	20,072	1.00	0.530	108.71	10.2	S21020508.D
Trichloroethene	20,072	1.00	0.330	115.84	17.5	S21020508.D
1,4-Dioxane	20,072	1.00	0.410 g	U	U	S21020508.D
1,1,2-Trichloroethane	20,072	1.00	0.330 g	U	U	S21020508.D
Toluene	20,072	1.00	0.400	126.23	15.7	S21020508.D
1,2-Dibromoethane (EDB)	20,072	1.00	0.390 g	U	U	S21020508.D
Tetrachloroethene	20,072	1.00	0.410	126.47	15.4	S21020508.D
1,1,1,2-Tetrachloroethane	20,072	1.00	0.410 g	U	U	S21020508.D
Chlorobenzene	20,072	1.00	0.850 g	U	U	S21020508.D
Ethylbenzene	20,072	10.34	0.850	156.56	94.9	S21020547.D
p & m-Xylene	20,072	10.34	0.880	647.21	379	S21020547.D
1,1,2,2-Tetrachloroethane	20,072	1.00	0.410 g	U	U	S21020508.D
o-Xylene	20,072	10.34	0.880	212.50	124	S21020547.D
1,2,3-Trichloropropane	20,072	1.00	0.750 g	U	U	S21020508.D
Isopropylbenzene	20,072	1.00	0.830 g	37.15	2.23	S21020508.D
1,3,5-Trimethylbenzene	20,072	1.00	0.830 g	83.37	5.00	S21020508.D
1,2,4-Trimethylbenzene	20,072	1.00	0.830 g	207.93	12.5	S21020508.D
1,3-Dichlorobenzene	20,072	1.00	0.750 g	U	U	S21020508.D
1,4-Dichlorobenzene	20,072	1.00	0.750 g	U	U	S21020508.D
1,2-Dichlorobenzene	20,072	1.00	0.750 g	U	U	S21020508.D
1,2,4-Trichlorobenzene	20,072	1.00	0.390 g	U	U	S21020508.D
Naphthalene	20,072	1.00	0.800 g	U	U	S21020508.D
1,2,3-Trichlorobenzene	20,072	1.00	0.390 g	U	U	S21020508.D
2-Methylnaphthalene	20,072	1.00	0.760 g	95.58	6.27	S21020508.D
TPH C4-C9	20,072	1.00	0.590 g	106161.60	8,960	S21020508.D
TPH C10-C15	20,072	1.00	0.690 g	24511.59	1,770	S21020508.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-05 **Sample Name:** PSG 3

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,067	1.00	0.810	179.66	11.1	S21020509.D
1,1-Dichloroethene	20,067	1.00	0.330	10.17	1.54	S21020509.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,067	1.00	0.890 g	U	U	S21020509.D
trans-1,2-Dichloroethene	20,067	1.00	0.440	131.88	14.9	S21020509.D
Methyl-t-butyl ether	20,067	1.00	0.500 g	U	U	S21020509.D
1,1-Dichloroethane	20,067	1.00	0.850	U	U	S21020509.D
cis-1,2-Dichloroethene	20,067	1.00	0.530	310.16	29.2	S21020509.D
Chloroform	20,067	1.00	0.350 g	U	U	S21020509.D
1,2-Dichloroethane	20,067	1.00	0.560	U	U	S21020509.D
1,1,1-Trichloroethane	20,067	1.00	1.050	U	U	S21020509.D
Carbon Tetrachloride	20,067	1.00	0.430 g	U	U	S21020509.D
Benzene	20,067	1.00	0.530	149.53	14.1	S21020509.D
Trichloroethene	20,067	1.00	0.330	115.85	17.5	S21020509.D
1,4-Dioxane	20,067	1.00	0.410 g	U	U	S21020509.D
1,1,2-Trichloroethane	20,067	1.00	0.330 g	U	U	S21020509.D
Toluene	20,067	1.00	0.400	77.79	9.69	S21020509.D
1,2-Dibromoethane (EDB)	20,067	1.00	0.390 g	U	U	S21020509.D
Tetrachloroethene	20,067	1.00	0.410	U	U	S21020509.D
1,1,1,2-Tetrachloroethane	20,067	1.00	0.410 g	U	U	S21020509.D
Chlorobenzene	20,067	1.00	0.850 g	U	U	S21020509.D
Ethylbenzene	20,067	10.34	0.850	314.46	191	S21020548.D
p & m-Xylene	20,067	10.34	0.880	122.60	71.8	S21020807.D
1,1,2,2-Tetrachloroethane	20,067	1.00	0.410 g	U	U	S21020509.D
o-Xylene	20,067	10.34	0.880	536.14	314	S21020548.D
1,2,3-Trichloropropane	20,067	1.00	0.750 g	U	U	S21020509.D
Isopropylbenzene	20,067	1.00	0.830 g	95.76	5.75	S21020509.D
1,3,5-Trimethylbenzene	20,067	1.00	0.830 g	233.47	14.0	S21020509.D
1,2,4-Trimethylbenzene	20,067	1.00	0.830 g	565.33	33.9	S21020509.D
1,3-Dichlorobenzene	20,067	1.00	0.750 g	U	U	S21020509.D
1,4-Dichlorobenzene	20,067	1.00	0.750 g	U	U	S21020509.D
1,2-Dichlorobenzene	20,067	1.00	0.750 g	U	U	S21020509.D
1,2,4-Trichlorobenzene	20,067	1.00	0.390 g	U	U	S21020509.D
Naphthalene	20,067	1.00	0.800 g	29.20	1.82	S21020509.D
1,2,3-Trichlorobenzene	20,067	1.00	0.390 g	U	U	S21020509.D
2-Methylnaphthalene	20,067	1.00	0.760 g	97.15	6.37	S21020509.D
TPH C4-C9	20,067	1.00	0.590 g	108991.00	9,210	S21020509.D
TPH C10-C15	20,067	1.00	0.690 g	56957.02	4,110	S21020509.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-06 **Sample Name:** PSG 4

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,061	1.00	0.810	20.22	1.24	S21020510.D
1,1-Dichloroethene	20,061	1.00	0.330	U	U	S21020510.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,061	1.00	0.890 g	U	U	S21020510.D
trans-1,2-Dichloroethene	20,061	1.00	0.440	19.04	2.16	S21020510.D
Methyl-t-butyl ether	20,061	1.00	0.500 g	U	U	S21020510.D
1,1-Dichloroethane	20,061	1.00	0.850	U	U	S21020510.D
cis-1,2-Dichloroethene	20,061	1.00	0.530	78.51	7.38	S21020510.D
Chloroform	20,061	1.00	0.350 g	U	U	S21020510.D
1,2-Dichloroethane	20,061	1.00	0.560	U	U	S21020510.D
1,1,1-Trichloroethane	20,061	1.00	1.050	U	U	S21020510.D
Carbon Tetrachloride	20,061	1.00	0.430 g	U	U	S21020510.D
Benzene	20,061	1.00	0.530	139.94	13.2	S21020510.D
Trichloroethene	20,061	1.00	0.330	42.02	6.35	S21020510.D
1,4-Dioxane	20,061	1.00	0.410 g	U	U	S21020510.D
1,1,2-Trichloroethane	20,061	1.00	0.330 g	U	U	S21020510.D
Toluene	20,061	1.00	0.400	77.38	9.64	S21020510.D
1,2-Dibromoethane (EDB)	20,061	1.00	0.390 g	U	U	S21020510.D
Tetrachloroethene	20,061	1.00	0.410	31.21	3.79	S21020510.D
1,1,1,2-Tetrachloroethane	20,061	1.00	0.410 g	U	U	S21020510.D
Chlorobenzene	20,061	1.00	0.850 g	U	U	S21020510.D
Ethylbenzene	20,061	1.00	0.850	146.16	8.57	S21020510.D
p & m-Xylene	20,061	1.00	0.880	577.62	32.7	S21020510.D
1,1,2,2-Tetrachloroethane	20,061	1.00	0.410 g	U	U	S21020510.D
o-Xylene	20,061	1.00	0.880	203.46	11.5	S21020510.D
1,2,3-Trichloropropane	20,061	1.00	0.750 g	U	U	S21020510.D
Isopropylbenzene	20,061	1.00	0.830 g	U	U	S21020510.D
1,3,5-Trimethylbenzene	20,061	1.00	0.830 g	41.59	2.50	S21020510.D
1,2,4-Trimethylbenzene	20,061	1.00	0.830 g	126.41	7.59	S21020510.D
1,3-Dichlorobenzene	20,061	1.00	0.750 g	U	U	S21020510.D
1,4-Dichlorobenzene	20,061	1.00	0.750 g	U	U	S21020510.D
1,2-Dichlorobenzene	20,061	1.00	0.750 g	U	U	S21020510.D
1,2,4-Trichlorobenzene	20,061	1.00	0.390 g	U	U	S21020510.D
Naphthalene	20,061	1.00	0.800 g	U	U	S21020510.D
1,2,3-Trichlorobenzene	20,061	1.00	0.390 g	U	U	S21020510.D
2-Methylnaphthalene	20,061	1.00	0.760 g	64.72	4.24	S21020510.D
TPH C4-C9	20,061	1.00	0.590 g	58234.87	4,920	S21020510.D
TPH C10-C15	20,061	1.00	0.690 g	27614.73	1,990	S21020510.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-07 **Sample Name:** PSG 5

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,057	1.00	0.810	242.49	14.9	S21020511.D
1,1-Dichloroethene	20,057	1.00	0.330	17.13	2.59	S21020511.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,057	1.00	0.890 g	U	U	S21020511.D
trans-1,2-Dichloroethene	20,057	1.00	0.440	95.90	10.9	S21020511.D
Methyl-t-butyl ether	20,057	1.00	0.500 g	U	U	S21020511.D
1,1-Dichloroethane	20,057	1.00	0.850	U	U	S21020511.D
cis-1,2-Dichloroethene	20,057	1.00	0.530	803.86	75.6	S21020511.D
Chloroform	20,057	1.00	0.350 g	U	U	S21020511.D
1,2-Dichloroethane	20,057	1.00	0.560	U	U	S21020511.D
1,1,1-Trichloroethane	20,057	1.00	1.050	U	U	S21020511.D
Carbon Tetrachloride	20,057	1.00	0.430 g	U	U	S21020511.D
Benzene	20,057	1.00	0.530	196.31	18.5	S21020511.D
Trichloroethene	20,057	1.00	0.330	51.82	7.83	S21020511.D
1,4-Dioxane	20,057	1.00	0.410 g	U	U	S21020511.D
1,1,2-Trichloroethane	20,057	1.00	0.330 g	U	U	S21020511.D
Toluene	20,057	1.00	0.400	87.89	11.0	S21020511.D
1,2-Dibromoethane (EDB)	20,057	1.00	0.390 g	U	U	S21020511.D
Tetrachloroethene	20,057	1.00	0.410	U	U	S21020511.D
1,1,1,2-Tetrachloroethane	20,057	1.00	0.410 g	U	U	S21020511.D
Chlorobenzene	20,057	1.00	0.850 g	U	U	S21020511.D
Ethylbenzene	20,057	1.00	0.850	245.94	14.4	S21020511.D
p & m-Xylene	20,057	1.00	0.880	987.84	56.0	S21020511.D
1,1,2,2-Tetrachloroethane	20,057	1.00	0.410 g	U	U	S21020511.D
o-Xylene	20,057	1.00	0.880	333.21	18.9	S21020511.D
1,2,3-Trichloropropane	20,057	1.00	0.750 g	U	U	S21020511.D
Isopropylbenzene	20,057	1.00	0.830 g	U	U	S21020511.D
1,3,5-Trimethylbenzene	20,057	1.00	0.830 g	33.18	1.99	S21020511.D
1,2,4-Trimethylbenzene	20,057	1.00	0.830 g	92.74	5.57	S21020511.D
1,3-Dichlorobenzene	20,057	1.00	0.750 g	U	U	S21020511.D
1,4-Dichlorobenzene	20,057	1.00	0.750 g	U	U	S21020511.D
1,2-Dichlorobenzene	20,057	1.00	0.750 g	U	U	S21020511.D
1,2,4-Trichlorobenzene	20,057	1.00	0.390 g	U	U	S21020511.D
Naphthalene	20,057	1.00	0.800 g	83.87	5.23	S21020511.D
1,2,3-Trichlorobenzene	20,057	1.00	0.390 g	U	U	S21020511.D
2-Methylnaphthalene	20,057	1.00	0.760 g	494.14	32.4	S21020511.D
TPH C4-C9	20,057	1.00	0.590 g	98841.20	8,350	S21020511.D
TPH C10-C15	20,057	1.00	0.690 g	48135.10	3,480	S21020511.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Lab ID: 0005610-08 **Sample Name:** PSG 6						
Vinyl Chloride	20,055	10.34	0.810	175.20	112	S21020808.D
1,1-Dichloroethene	20,055	1.00	0.330	119.96	18.1	S21020512.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,055	1.00	0.890 g	U	U	S21020512.D
trans-1,2-Dichloroethene	20,055	10.34	0.440	291.20	341	S21020808.D
Methyl-t-butyl ether	20,055	1.00	0.500 g	U	U	S21020512.D
1,1-Dichloroethane	20,055	1.00	0.850	U	U	S21020512.D
cis-1,2-Dichloroethene	20,055	10.34	0.530	495.79	482	S21020808.D
Chloroform	20,055	1.00	0.350 g	U	U	S21020512.D
1,2-Dichloroethane	20,055	1.00	0.560	U	U	S21020512.D
1,1,1-Trichloroethane	20,055	1.00	1.050	U	U	S21020512.D
Carbon Tetrachloride	20,055	1.00	0.430 g	U	U	S21020512.D
Benzene	20,055	1.00	0.530	698.79	65.7	S21020512.D
Trichloroethene	20,055	10.34	0.330	212.06	331	S21020808.D
1,4-Dioxane	20,055	1.00	0.410 g	U	U	S21020512.D
1,1,2-Trichloroethane	20,055	1.00	0.330 g	U	U	S21020512.D
Toluene	20,055	1.00	0.400	513.74	64.0	S21020512.D
1,2-Dibromoethane (EDB)	20,055	1.00	0.390 g	U	U	S21020512.D
Tetrachloroethene	20,055	1.00	0.410	386.93	47.1	S21020512.D
1,1,1,2-Tetrachloroethane	20,055	1.00	0.410 g	U	U	S21020512.D
Chlorobenzene	20,055	1.00	0.850 g	U	U	S21020512.D
Ethylbenzene	20,055	1.00	0.850	553.24	32.5	S21020512.D
p & m-Xylene	20,055	10.34	0.880	188.52	110	S21020808.D
1,1,2,2-Tetrachloroethane	20,055	1.00	0.410 g	U	U	S21020512.D
o-Xylene	20,055	1.00	0.880	711.93	40.3	S21020512.D
1,2,3-Trichloropropane	20,055	1.00	0.750 g	U	U	S21020512.D
Isopropylbenzene	20,055	1.00	0.830 g	33.18	1.99	S21020512.D
1,3,5-Trimethylbenzene	20,055	1.00	0.830 g	64.74	3.89	S21020512.D
1,2,4-Trimethylbenzene	20,055	1.00	0.830 g	145.97	8.77	S21020512.D
1,3-Dichlorobenzene	20,055	1.00	0.750 g	U	U	S21020512.D
1,4-Dichlorobenzene	20,055	1.00	0.750 g	U	U	S21020512.D
1,2-Dichlorobenzene	20,055	1.00	0.750 g	U	U	S21020512.D
1,2,4-Trichlorobenzene	20,055	1.00	0.390 g	U	U	S21020512.D
Naphthalene	20,055	1.00	0.800 g	56.47	3.52	S21020512.D
1,2,3-Trichlorobenzene	20,055	1.00	0.390 g	U	U	S21020512.D
2-Methylnaphthalene	20,055	1.00	0.760 g	249.79	16.4	S21020512.D
TPH C4-C9	20,055	1.00	0.590 g	263021.70	22,200	S21020512.D
TPH C10-C15	20,055	1.00	0.690 g	56153.69	4,060	S21020512.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-09 **Sample Name:** PSG 7

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,053	1.00	0.810	861.01	53.0	S21020513.D
1,1-Dichloroethene	20,053	1.00	0.330	38.14	5.76	S21020513.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,053	1.00	0.890 g	U	U	S21020513.D
trans-1,2-Dichloroethene	20,053	1.00	0.440	398.92	45.2	S21020513.D
Methyl-t-butyl ether	20,053	1.00	0.500 g	U	U	S21020513.D
1,1-Dichloroethane	20,053	1.00	0.850	U	U	S21020513.D
cis-1,2-Dichloroethene	20,053	10.34	0.530	176.70	172	S21020809.D
Chloroform	20,053	1.00	0.350 g	U	U	S21020513.D
1,2-Dichloroethane	20,053	1.00	0.560	U	U	S21020513.D
1,1,1-Trichloroethane	20,053	1.00	1.050	U	U	S21020513.D
Carbon Tetrachloride	20,053	1.00	0.430 g	U	U	S21020513.D
Benzene	20,053	1.00	0.530	63.47	5.97	S21020513.D
Trichloroethene	20,053	1.00	0.330	172.21	26.0	S21020513.D
1,4-Dioxane	20,053	1.00	0.410 g	U	U	S21020513.D
1,1,2-Trichloroethane	20,053	1.00	0.330 g	U	U	S21020513.D
Toluene	20,053	1.00	0.400	U	U	S21020513.D
1,2-Dibromoethane (EDB)	20,053	1.00	0.390 g	U	U	S21020513.D
Tetrachloroethene	20,053	1.00	0.410	39.05	4.75	S21020513.D
1,1,1,2-Tetrachloroethane	20,053	1.00	0.410 g	U	U	S21020513.D
Chlorobenzene	20,053	1.00	0.850 g	U	U	S21020513.D
Ethylbenzene	20,053	1.00	0.850	431.32	25.3	S21020513.D
p & m-Xylene	20,053	10.34	0.880	195.96	115	S21020809.D
1,1,2,2-Tetrachloroethane	20,053	1.00	0.410 g	U	U	S21020513.D
o-Xylene	20,053	1.00	0.880	528.44	29.9	S21020513.D
1,2,3-Trichloropropane	20,053	1.00	0.750 g	U	U	S21020513.D
Isopropylbenzene	20,053	1.00	0.830 g	U	U	S21020513.D
1,3,5-Trimethylbenzene	20,053	1.00	0.830 g	U	U	S21020513.D
1,2,4-Trimethylbenzene	20,053	1.00	0.830 g	37.15	2.23	S21020513.D
1,3-Dichlorobenzene	20,053	1.00	0.750 g	U	U	S21020513.D
1,4-Dichlorobenzene	20,053	1.00	0.750 g	U	U	S21020513.D
1,2-Dichlorobenzene	20,053	1.00	0.750 g	U	U	S21020513.D
1,2,4-Trichlorobenzene	20,053	1.00	0.390 g	U	U	S21020513.D
Naphthalene	20,053	1.00	0.800 g	U	U	S21020513.D
1,2,3-Trichlorobenzene	20,053	1.00	0.390 g	U	U	S21020513.D
2-Methylnaphthalene	20,053	1.00	0.760 g	33.61	2.21	S21020513.D
TPH C4-C9	20,053	1.00	0.590 g	48687.77	4,120	S21020513.D
TPH C10-C15	20,053	1.00	0.690 g	9990.21	722	S21020513.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-10 **Sample Name:** PSG 8

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,050	10.34	0.810	473.12	301	S21020810.D
1,1-Dichloroethene	20,050	1.00	0.330	105.55	16.0	S21020514.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,050	1.00	0.890 g	U	U	S21020514.D
trans-1,2-Dichloroethene	20,050	10.34	0.440	139.73	164	S21020810.D
Methyl-t-butyl ether	20,050	1.00	0.500 g	U	U	S21020514.D
1,1-Dichloroethane	20,050	1.00	0.850	U	U	S21020514.D
cis-1,2-Dichloroethene	20,050	10.34	0.530	755.54	735	S21020810.D
Chloroform	20,050	1.00	0.350 g	U	U	S21020514.D
1,2-Dichloroethane	20,050	1.00	0.560	U	U	S21020514.D
1,1,1-Trichloroethane	20,050	1.00	1.050	U	U	S21020514.D
Carbon Tetrachloride	20,050	1.00	0.430 g	U	U	S21020514.D
Benzene	20,050	1.00	0.530	324.35	30.5	S21020514.D
Trichloroethene	20,050	1.00	0.330	209.19	31.6	S21020514.D
1,4-Dioxane	20,050	1.00	0.410 g	U	U	S21020514.D
1,1,2-Trichloroethane	20,050	1.00	0.330 g	U	U	S21020514.D
Toluene	20,050	1.00	0.400	201.11	25.1	S21020514.D
1,2-Dibromoethane (EDB)	20,050	1.00	0.390 g	U	U	S21020514.D
Tetrachloroethene	20,050	1.00	0.410	25.50	3.10	S21020514.D
1,1,1,2-Tetrachloroethane	20,050	1.00	0.410 g	U	U	S21020514.D
Chlorobenzene	20,050	1.00	0.850 g	U	U	S21020514.D
Ethylbenzene	20,050	1.00	0.850	615.01	36.1	S21020514.D
p & m-Xylene	20,050	10.34	0.880	256.44	150	S21020810.D
1,1,2,2-Tetrachloroethane	20,050	1.00	0.410 g	U	U	S21020514.D
o-Xylene	20,050	1.00	0.880	849.40	48.1	S21020514.D
1,2,3-Trichloropropane	20,050	1.00	0.750 g	U	U	S21020514.D
Isopropylbenzene	20,050	1.00	0.830 g	U	U	S21020514.D
1,3,5-Trimethylbenzene	20,050	1.00	0.830 g	40.47	2.43	S21020514.D
1,2,4-Trimethylbenzene	20,050	1.00	0.830 g	93.56	5.62	S21020514.D
1,3-Dichlorobenzene	20,050	1.00	0.750 g	U	U	S21020514.D
1,4-Dichlorobenzene	20,050	1.00	0.750 g	U	U	S21020514.D
1,2-Dichlorobenzene	20,050	1.00	0.750 g	U	U	S21020514.D
1,2,4-Trichlorobenzene	20,050	1.00	0.390 g	U	U	S21020514.D
Naphthalene	20,050	1.00	0.800 g	51.78	3.23	S21020514.D
1,2,3-Trichlorobenzene	20,050	1.00	0.390 g	U	U	S21020514.D
2-Methylnaphthalene	20,050	1.00	0.760 g	323.94	21.3	S21020514.D
TPH C4-C9	20,050	1.00	0.590 g	192877.10	16,300	S21020514.D
TPH C10-C15	20,050	1.00	0.690 g	48787.18	3,530	S21020514.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-11 **Sample Name:** PSG 9

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,170	1.00	0.810	U	U	S21020515.D
1,1-Dichloroethene	20,170	1.00	0.330	U	U	S21020515.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,170	1.00	0.890 g	U	U	S21020515.D
trans-1,2-Dichloroethene	20,170	1.00	0.440	U	U	S21020515.D
Methyl-t-butyl ether	20,170	1.00	0.500 g	U	U	S21020515.D
1,1-Dichloroethane	20,170	1.00	0.850	U	U	S21020515.D
cis-1,2-Dichloroethene	20,170	1.00	0.530	20.60	1.93	S21020515.D
Chloroform	20,170	1.00	0.350 g	U	U	S21020515.D
1,2-Dichloroethane	20,170	1.00	0.560	U	U	S21020515.D
1,1,1-Trichloroethane	20,170	1.00	1.050	U	U	S21020515.D
Carbon Tetrachloride	20,170	1.00	0.430 g	U	U	S21020515.D
Benzene	20,170	1.00	0.530	54.62	5.11	S21020515.D
Trichloroethene	20,170	1.00	0.330	161.12	24.2	S21020515.D
1,4-Dioxane	20,170	1.00	0.410 g	U	U	S21020515.D
1,1,2-Trichloroethane	20,170	1.00	0.330 g	U	U	S21020515.D
Toluene	20,170	1.00	0.400	34.04	4.22	S21020515.D
1,2-Dibromoethane (EDB)	20,170	1.00	0.390 g	U	U	S21020515.D
Tetrachloroethene	20,170	1.00	0.410	523.78	63.3	S21020515.D
1,1,1,2-Tetrachloroethane	20,170	1.00	0.410 g	U	U	S21020515.D
Chlorobenzene	20,170	1.00	0.850 g	U	U	S21020515.D
Ethylbenzene	20,170	1.00	0.850	U	U	S21020515.D
p & m-Xylene	20,170	1.00	0.880	34.74	1.96	S21020515.D
1,1,2,2-Tetrachloroethane	20,170	1.00	0.410 g	U	U	S21020515.D
o-Xylene	20,170	1.00	0.880	U	U	S21020515.D
1,2,3-Trichloropropane	20,170	1.00	0.750 g	U	U	S21020515.D
Isopropylbenzene	20,170	1.00	0.830 g	U	U	S21020515.D
1,3,5-Trimethylbenzene	20,170	1.00	0.830 g	U	U	S21020515.D
1,2,4-Trimethylbenzene	20,170	1.00	0.830 g	U	U	S21020515.D
1,3-Dichlorobenzene	20,170	1.00	0.750 g	U	U	S21020515.D
1,4-Dichlorobenzene	20,170	1.00	0.750 g	U	U	S21020515.D
1,2-Dichlorobenzene	20,170	1.00	0.750 g	U	U	S21020515.D
1,2,4-Trichlorobenzene	20,170	1.00	0.390 g	U	U	S21020515.D
Naphthalene	20,170	1.00	0.800 g	U	U	S21020515.D
1,2,3-Trichlorobenzene	20,170	1.00	0.390 g	U	U	S21020515.D
2-Methylnaphthalene	20,170	1.00	0.760 g	U	U	S21020515.D
TPH C4-C9	20,170	1.00	0.590 g	U	U	S21020515.D
TPH C10-C15	20,170	1.00	0.690 g	U	U	S21020515.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-12 **Sample Name:** PSG 10

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,037	1.00	0.810	U	U	S21020516.D
1,1-Dichloroethene	20,037	1.00	0.330	U	U	S21020516.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,037	1.00	0.890 g	U	U	S21020516.D
trans-1,2-Dichloroethene	20,037	1.00	0.440	U	U	S21020516.D
Methyl-t-butyl ether	20,037	1.00	0.500 g	U	U	S21020516.D
1,1-Dichloroethane	20,037	1.00	0.850	U	U	S21020516.D
cis-1,2-Dichloroethene	20,037	1.00	0.530	U	U	S21020516.D
Chloroform	20,037	1.00	0.350 g	U	U	S21020516.D
1,2-Dichloroethane	20,037	1.00	0.560	U	U	S21020516.D
1,1,1-Trichloroethane	20,037	1.00	1.050	U	U	S21020516.D
Carbon Tetrachloride	20,037	1.00	0.430 g	U	U	S21020516.D
Benzene	20,037	1.00	0.530	43.75	4.12	S21020516.D
Trichloroethene	20,037	1.00	0.330	35.27	5.33	S21020516.D
1,4-Dioxane	20,037	1.00	0.410 g	U	U	S21020516.D
1,1,2-Trichloroethane	20,037	1.00	0.330 g	U	U	S21020516.D
Toluene	20,037	1.00	0.400	43.52	5.43	S21020516.D
1,2-Dibromoethane (EDB)	20,037	1.00	0.390 g	U	U	S21020516.D
Tetrachloroethene	20,037	1.00	0.410	108.12	13.2	S21020516.D
1,1,1,2-Tetrachloroethane	20,037	1.00	0.410 g	U	U	S21020516.D
Chlorobenzene	20,037	1.00	0.850 g	U	U	S21020516.D
Ethylbenzene	20,037	10.34	0.850	158.39	96.2	S21020811.D
p & m-Xylene	20,037	10.34	0.880	699.27	410	S21020811.D
1,1,2,2-Tetrachloroethane	20,037	1.00	0.410 g	U	U	S21020516.D
o-Xylene	20,037	10.34	0.880	255.18	150	S21020811.D
1,2,3-Trichloropropane	20,037	1.00	0.750 g	U	U	S21020516.D
Isopropylbenzene	20,037	1.00	0.830 g	37.97	2.28	S21020516.D
1,3,5-Trimethylbenzene	20,037	1.00	0.830 g	66.60	4.00	S21020516.D
1,2,4-Trimethylbenzene	20,037	1.00	0.830 g	130.40	7.84	S21020516.D
1,3-Dichlorobenzene	20,037	1.00	0.750 g	U	U	S21020516.D
1,4-Dichlorobenzene	20,037	1.00	0.750 g	U	U	S21020516.D
1,2-Dichlorobenzene	20,037	1.00	0.750 g	U	U	S21020516.D
1,2,4-Trichlorobenzene	20,037	1.00	0.390 g	U	U	S21020516.D
Naphthalene	20,037	1.00	0.800 g	U	U	S21020516.D
1,2,3-Trichlorobenzene	20,037	1.00	0.390 g	U	U	S21020516.D
2-Methylnaphthalene	20,037	1.00	0.760 g	U	U	S21020516.D
TPH C4-C9	20,037	1.00	0.590 g	72955.49	6,170	S21020516.D
TPH C10-C15	20,037	1.00	0.690 g	13316.60	963	S21020516.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-13 **Sample Name:** PSG 11

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,032	1.00	0.810	U	U	S21020517.D
1,1-Dichloroethene	20,032	1.00	0.330	U	U	S21020517.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,032	1.00	0.890 g	U	U	S21020517.D
trans-1,2-Dichloroethene	20,032	1.00	0.440	U	U	S21020517.D
Methyl-t-butyl ether	20,032	1.00	0.500 g	U	U	S21020517.D
1,1-Dichloroethane	20,032	1.00	0.850	U	U	S21020517.D
cis-1,2-Dichloroethene	20,032	1.00	0.530	17.02	1.60	S21020517.D
Chloroform	20,032	1.00	0.350 g	U	U	S21020517.D
1,2-Dichloroethane	20,032	1.00	0.560	U	U	S21020517.D
1,1,1-Trichloroethane	20,032	1.00	1.050	U	U	S21020517.D
Carbon Tetrachloride	20,032	1.00	0.430 g	U	U	S21020517.D
Benzene	20,032	1.00	0.530	U	U	S21020517.D
Trichloroethene	20,032	1.00	0.330	182.83	27.7	S21020517.D
1,4-Dioxane	20,032	1.00	0.410 g	U	U	S21020517.D
1,1,2-Trichloroethane	20,032	1.00	0.330 g	U	U	S21020517.D
Toluene	20,032	1.00	0.400	U	U	S21020517.D
1,2-Dibromoethane (EDB)	20,032	1.00	0.390 g	U	U	S21020517.D
Tetrachloroethene	20,032	1.00	0.410	642.57	78.2	S21020517.D
1,1,1,2-Tetrachloroethane	20,032	1.00	0.410 g	U	U	S21020517.D
Chlorobenzene	20,032	1.00	0.850 g	U	U	S21020517.D
Ethylbenzene	20,032	1.00	0.850	383.12	22.5	S21020517.D
p & m-Xylene	20,032	10.34	0.880	180.77	106	S21020812.D
1,1,2,2-Tetrachloroethane	20,032	1.00	0.410 g	U	U	S21020517.D
o-Xylene	20,032	1.00	0.880	699.90	39.7	S21020517.D
1,2,3-Trichloropropane	20,032	1.00	0.750 g	U	U	S21020517.D
Isopropylbenzene	20,032	1.00	0.830 g	U	U	S21020517.D
1,3,5-Trimethylbenzene	20,032	1.00	0.830 g	27.26	1.64	S21020517.D
1,2,4-Trimethylbenzene	20,032	1.00	0.830 g	60.36	3.63	S21020517.D
1,3-Dichlorobenzene	20,032	1.00	0.750 g	U	U	S21020517.D
1,4-Dichlorobenzene	20,032	1.00	0.750 g	U	U	S21020517.D
1,2-Dichlorobenzene	20,032	1.00	0.750 g	U	U	S21020517.D
1,2,4-Trichlorobenzene	20,032	1.00	0.390 g	U	U	S21020517.D
Naphthalene	20,032	1.00	0.800 g	U	U	S21020517.D
1,2,3-Trichlorobenzene	20,032	1.00	0.390 g	U	U	S21020517.D
2-Methylnaphthalene	20,032	1.00	0.760 g	U	U	S21020517.D
TPH C4-C9	20,032	1.00	0.590 g	19916.75	1,690	S21020517.D
TPH C10-C15	20,032	1.00	0.690 g	U	U	S21020517.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-14 **Sample Name:** PSG 12

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,032	1.00	0.810	U	U	S21020518.D
1,1-Dichloroethene	20,032	1.00	0.330	U	U	S21020518.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,032	1.00	0.890 g	U	U	S21020518.D
trans-1,2-Dichloroethene	20,032	1.00	0.440	U	U	S21020518.D
Methyl-t-butyl ether	20,032	1.00	0.500 g	U	U	S21020518.D
1,1-Dichloroethane	20,032	1.00	0.850	U	U	S21020518.D
cis-1,2-Dichloroethene	20,032	1.00	0.530	19.06	1.80	S21020518.D
Chloroform	20,032	1.00	0.350 g	U	U	S21020518.D
1,2-Dichloroethane	20,032	1.00	0.560	U	U	S21020518.D
1,1,1-Trichloroethane	20,032	1.00	1.050	U	U	S21020518.D
Carbon Tetrachloride	20,032	1.00	0.430 g	U	U	S21020518.D
Benzene	20,032	1.00	0.530	U	U	S21020518.D
Trichloroethene	20,032	10.34	0.330	140.76	220	S21020813.D
1,4-Dioxane	20,032	1.00	0.410 g	U	U	S21020518.D
1,1,2-Trichloroethane	20,032	1.00	0.330 g	U	U	S21020518.D
Toluene	20,032	1.00	0.400	U	U	S21020518.D
1,2-Dibromoethane (EDB)	20,032	1.00	0.390 g	U	U	S21020518.D
Tetrachloroethene	20,032	84.84	0.410	377.39	3,900	S21020906.D
1,1,1,2-Tetrachloroethane	20,032	1.00	0.410 g	U	U	S21020518.D
Chlorobenzene	20,032	1.00	0.850 g	U	U	S21020518.D
Ethylbenzene	20,032	1.00	0.850	347.21	20.4	S21020518.D
p & m-Xylene	20,032	10.34	0.880	160.73	94.3	S21020813.D
1,1,2,2-Tetrachloroethane	20,032	1.00	0.410 g	U	U	S21020518.D
o-Xylene	20,032	1.00	0.880	591.61	33.6	S21020518.D
1,2,3-Trichloropropane	20,032	1.00	0.750 g	U	U	S21020518.D
Isopropylbenzene	20,032	1.00	0.830 g	U	U	S21020518.D
1,3,5-Trimethylbenzene	20,032	1.00	0.830 g	29.46	1.77	S21020518.D
1,2,4-Trimethylbenzene	20,032	1.00	0.830 g	69.32	4.17	S21020518.D
1,3-Dichlorobenzene	20,032	1.00	0.750 g	U	U	S21020518.D
1,4-Dichlorobenzene	20,032	1.00	0.750 g	U	U	S21020518.D
1,2-Dichlorobenzene	20,032	1.00	0.750 g	U	U	S21020518.D
1,2,4-Trichlorobenzene	20,032	1.00	0.390 g	U	U	S21020518.D
Naphthalene	20,032	1.00	0.800 g	U	U	S21020518.D
1,2,3-Trichlorobenzene	20,032	1.00	0.390 g	U	U	S21020518.D
2-Methylnaphthalene	20,032	1.00	0.760 g	157.12	10.3	S21020518.D
TPH C4-C9	20,032	1.00	0.590 g	U	U	S21020518.D
TPH C10-C15	20,032	1.00	0.690 g	12236.61	885	S21020518.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-15 **Sample Name:** PSG 13

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,038	1.00	0.810	U	U	S21020519.D
1,1-Dichloroethene	20,038	1.00	0.330	U	U	S21020519.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,038	1.00	0.890 g	U	U	S21020519.D
trans-1,2-Dichloroethene	20,038	1.00	0.440	U	U	S21020519.D
Methyl-t-butyl ether	20,038	1.00	0.500 g	U	U	S21020519.D
1,1-Dichloroethane	20,038	1.00	0.850	U	U	S21020519.D
cis-1,2-Dichloroethene	20,038	1.00	0.530	U	U	S21020519.D
Chloroform	20,038	1.00	0.350 g	U	U	S21020519.D
1,2-Dichloroethane	20,038	1.00	0.560	U	U	S21020519.D
1,1,1-Trichloroethane	20,038	1.00	1.050	U	U	S21020519.D
Carbon Tetrachloride	20,038	1.00	0.430 g	U	U	S21020519.D
Benzene	20,038	1.00	0.530	44.81	4.22	S21020519.D
Trichloroethene	20,038	1.00	0.330	260.84	39.4	S21020519.D
1,4-Dioxane	20,038	1.00	0.410 g	U	U	S21020519.D
1,1,2-Trichloroethane	20,038	1.00	0.330 g	U	U	S21020519.D
Toluene	20,038	1.00	0.400	29.25	3.65	S21020519.D
1,2-Dibromoethane (EDB)	20,038	1.00	0.390 g	U	U	S21020519.D
Tetrachloroethene	20,038	84.84	0.410	330.78	3,420	S21020907.D
1,1,1,2-Tetrachloroethane	20,038	1.00	0.410 g	U	U	S21020519.D
Chlorobenzene	20,038	1.00	0.850 g	U	U	S21020519.D
Ethylbenzene	20,038	1.00	0.850	420.18	24.7	S21020519.D
p & m-Xylene	20,038	10.34	0.880	189.23	111	S21020814.D
1,1,2,2-Tetrachloroethane	20,038	1.00	0.410 g	U	U	S21020519.D
o-Xylene	20,038	1.00	0.880	852.78	48.4	S21020519.D
1,2,3-Trichloropropane	20,038	1.00	0.750 g	U	U	S21020519.D
Isopropylbenzene	20,038	1.00	0.830 g	U	U	S21020519.D
1,3,5-Trimethylbenzene	20,038	1.00	0.830 g	43.79	2.63	S21020519.D
1,2,4-Trimethylbenzene	20,038	1.00	0.830 g	96.33	5.79	S21020519.D
1,3-Dichlorobenzene	20,038	1.00	0.750 g	U	U	S21020519.D
1,4-Dichlorobenzene	20,038	1.00	0.750 g	U	U	S21020519.D
1,2-Dichlorobenzene	20,038	1.00	0.750 g	U	U	S21020519.D
1,2,4-Trichlorobenzene	20,038	1.00	0.390 g	U	U	S21020519.D
Naphthalene	20,038	1.00	0.800 g	U	U	S21020519.D
1,2,3-Trichlorobenzene	20,038	1.00	0.390 g	U	U	S21020519.D
2-Methylnaphthalene	20,038	1.00	0.760 g	U	U	S21020519.D
TPH C4-C9	20,038	1.00	0.590 g	U	U	S21020519.D
TPH C10-C15	20,038	1.00	0.690 g	7316.58	529	S21020519.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Lab ID: 0005610-16 **Sample Name:** PSG 14						
Vinyl Chloride	20,040	1.00	0.810	U	U	S21020520.D
1,1-Dichloroethene	20,040	1.00	0.330	U	U	S21020520.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,040	1.00	0.890 g	U	U	S21020520.D
trans-1,2-Dichloroethene	20,040	1.00	0.440	U	U	S21020520.D
Methyl-t-butyl ether	20,040	1.00	0.500 g	U	U	S21020520.D
1,1-Dichloroethane	20,040	1.00	0.850	U	U	S21020520.D
cis-1,2-Dichloroethene	20,040	1.00	0.530	10.72	1.01	S21020520.D
Chloroform	20,040	1.00	0.350 g	U	U	S21020520.D
1,2-Dichloroethane	20,040	1.00	0.560	U	U	S21020520.D
1,1,1-Trichloroethane	20,040	1.00	1.050	U	U	S21020520.D
Carbon Tetrachloride	20,040	1.00	0.430 g	U	U	S21020520.D
Benzene	20,040	1.00	0.530	33.25	3.13	S21020520.D
Trichloroethene	20,040	1.00	0.330	U	U	S21020520.D
1,4-Dioxane	20,040	1.00	0.410 g	U	U	S21020520.D
1,1,2-Trichloroethane	20,040	1.00	0.330 g	U	U	S21020520.D
Toluene	20,040	1.00	0.400	U	U	S21020520.D
1,2-Dibromoethane (EDB)	20,040	1.00	0.390 g	U	U	S21020520.D
Tetrachloroethene	20,040	1.00	0.410	32.36	3.94	S21020520.D
1,1,1,2-Tetrachloroethane	20,040	1.00	0.410 g	U	U	S21020520.D
Chlorobenzene	20,040	1.00	0.850 g	U	U	S21020520.D
Ethylbenzene	20,040	1.00	0.850	326.02	19.1	S21020520.D
p & m-Xylene	20,040	10.34	0.880	132.36	77.6	S21020815.D
1,1,2,2-Tetrachloroethane	20,040	1.00	0.410 g	U	U	S21020520.D
o-Xylene	20,040	1.00	0.880	451.49	25.6	S21020520.D
1,2,3-Trichloropropane	20,040	1.00	0.750 g	U	U	S21020520.D
Isopropylbenzene	20,040	1.00	0.830 g	U	U	S21020520.D
1,3,5-Trimethylbenzene	20,040	1.00	0.830 g	U	U	S21020520.D
1,2,4-Trimethylbenzene	20,040	1.00	0.830 g	33.33	2.00	S21020520.D
1,3-Dichlorobenzene	20,040	1.00	0.750 g	U	U	S21020520.D
1,4-Dichlorobenzene	20,040	1.00	0.750 g	U	U	S21020520.D
1,2-Dichlorobenzene	20,040	1.00	0.750 g	U	U	S21020520.D
1,2,4-Trichlorobenzene	20,040	1.00	0.390 g	U	U	S21020520.D
Naphthalene	20,040	1.00	0.800 g	U	U	S21020520.D
1,2,3-Trichlorobenzene	20,040	1.00	0.390 g	U	U	S21020520.D
2-Methylnaphthalene	20,040	1.00	0.760 g	U	U	S21020520.D
TPH C4-C9	20,040	1.00	0.590 g	15526.38	1,310	S21020520.D
TPH C10-C15	20,040	1.00	0.690 g	U	U	S21020520.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-17 **Sample Name:** PSG 15

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,056	1.00	0.810	U	U	S21020521.D
1,1-Dichloroethene	20,056	1.00	0.330	U	U	S21020521.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,056	1.00	0.890 g	U	U	S21020521.D
trans-1,2-Dichloroethene	20,056	1.00	0.440	U	U	S21020521.D
Methyl-t-butyl ether	20,056	1.00	0.500 g	U	U	S21020521.D
1,1-Dichloroethane	20,056	1.00	0.850	U	U	S21020521.D
cis-1,2-Dichloroethene	20,056	1.00	0.530	U	U	S21020521.D
Chloroform	20,056	1.00	0.350 g	U	U	S21020521.D
1,2-Dichloroethane	20,056	1.00	0.560	U	U	S21020521.D
1,1,1-Trichloroethane	20,056	1.00	1.050	U	U	S21020521.D
Carbon Tetrachloride	20,056	1.00	0.430 g	U	U	S21020521.D
Benzene	20,056	1.00	0.530	29.40	2.77	S21020521.D
Trichloroethene	20,056	1.00	0.330	93.20	14.1	S21020521.D
1,4-Dioxane	20,056	1.00	0.410 g	118.74	14.4	S21020521.D
1,1,2-Trichloroethane	20,056	1.00	0.330 g	U	U	S21020521.D
Toluene	20,056	1.00	0.400	U	U	S21020521.D
1,2-Dibromoethane (EDB)	20,056	1.00	0.390 g	U	U	S21020521.D
Tetrachloroethene	20,056	1.00	0.410	200.37	24.4	S21020521.D
1,1,1,2-Tetrachloroethane	20,056	1.00	0.410 g	U	U	S21020521.D
Chlorobenzene	20,056	1.00	0.850 g	U	U	S21020521.D
Ethylbenzene	20,056	1.00	0.850	638.27	37.4	S21020521.D
p & m-Xylene	20,056	10.34	0.880	287.10	168	S21020816.D
1,1,2,2-Tetrachloroethane	20,056	1.00	0.410 g	U	U	S21020521.D
o-Xylene	20,056	10.34	0.880	107.58	63.0	S21020816.D
1,2,3-Trichloropropane	20,056	1.00	0.750 g	U	U	S21020521.D
Isopropylbenzene	20,056	1.00	0.830 g	U	U	S21020521.D
1,3,5-Trimethylbenzene	20,056	1.00	0.830 g	36.50	2.19	S21020521.D
1,2,4-Trimethylbenzene	20,056	1.00	0.830 g	81.54	4.90	S21020521.D
1,3-Dichlorobenzene	20,056	1.00	0.750 g	U	U	S21020521.D
1,4-Dichlorobenzene	20,056	1.00	0.750 g	U	U	S21020521.D
1,2-Dichlorobenzene	20,056	1.00	0.750 g	U	U	S21020521.D
1,2,4-Trichlorobenzene	20,056	1.00	0.390 g	U	U	S21020521.D
Naphthalene	20,056	1.00	0.800 g	U	U	S21020521.D
1,2,3-Trichlorobenzene	20,056	1.00	0.390 g	U	U	S21020521.D
2-Methylnaphthalene	20,056	1.00	0.760 g	U	U	S21020521.D
TPH C4-C9	20,056	1.00	0.590 g	32559.91	2,750	S21020521.D
TPH C10-C15	20,056	1.00	0.690 g	5398.97	390	S21020521.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-18 **Sample Name:** PSG 16

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,056	1.00	0.810	U	U	S21020522.D
1,1-Dichloroethene	20,056	1.00	0.330	U	U	S21020522.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,056	1.00	0.890 g	U	U	S21020522.D
trans-1,2-Dichloroethene	20,056	1.00	0.440	U	U	S21020522.D
Methyl-t-butyl ether	20,056	1.00	0.500 g	U	U	S21020522.D
1,1-Dichloroethane	20,056	1.00	0.850	U	U	S21020522.D
cis-1,2-Dichloroethene	20,056	1.00	0.530	U	U	S21020522.D
Chloroform	20,056	1.00	0.350 g	U	U	S21020522.D
1,2-Dichloroethane	20,056	1.00	0.560	U	U	S21020522.D
1,1,1-Trichloroethane	20,056	1.00	1.050	U	U	S21020522.D
Carbon Tetrachloride	20,056	1.00	0.430 g	U	U	S21020522.D
Benzene	20,056	1.00	0.530	U	U	S21020522.D
Trichloroethene	20,056	1.00	0.330	84.97	12.8	S21020522.D
1,4-Dioxane	20,056	1.00	0.410 g	U	U	S21020522.D
1,1,2-Trichloroethane	20,056	1.00	0.330 g	U	U	S21020522.D
Toluene	20,056	1.00	0.400	U	U	S21020522.D
1,2-Dibromoethane (EDB)	20,056	1.00	0.390 g	U	U	S21020522.D
Tetrachloroethene	20,056	1.00	0.410	697.62	84.8	S21020522.D
1,1,1,2-Tetrachloroethane	20,056	1.00	0.410 g	U	U	S21020522.D
Chlorobenzene	20,056	1.00	0.850 g	U	U	S21020522.D
Ethylbenzene	20,056	1.00	0.850	215.22	12.6	S21020522.D
p & m-Xylene	20,056	1.00	0.880	953.23	54.0	S21020522.D
1,1,2,2-Tetrachloroethane	20,056	1.00	0.410 g	U	U	S21020522.D
o-Xylene	20,056	1.00	0.880	363.75	20.6	S21020522.D
1,2,3-Trichloropropane	20,056	1.00	0.750 g	U	U	S21020522.D
Isopropylbenzene	20,056	1.00	0.830 g	U	U	S21020522.D
1,3,5-Trimethylbenzene	20,056	1.00	0.830 g	U	U	S21020522.D
1,2,4-Trimethylbenzene	20,056	1.00	0.830 g	30.29	1.82	S21020522.D
1,3-Dichlorobenzene	20,056	1.00	0.750 g	U	U	S21020522.D
1,4-Dichlorobenzene	20,056	1.00	0.750 g	U	U	S21020522.D
1,2-Dichlorobenzene	20,056	1.00	0.750 g	U	U	S21020522.D
1,2,4-Trichlorobenzene	20,056	1.00	0.390 g	U	U	S21020522.D
Naphthalene	20,056	1.00	0.800 g	U	U	S21020522.D
1,2,3-Trichlorobenzene	20,056	1.00	0.390 g	U	U	S21020522.D
2-Methylnaphthalene	20,056	1.00	0.760 g	U	U	S21020522.D
TPH C4-C9	20,056	1.00	0.590 g	12053.81	1,020	S21020522.D
TPH C10-C15	20,056	1.00	0.690 g	U	U	S21020522.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Lab ID: 0005610-19 **Sample Name:** PSG 17						
Vinyl Chloride	20,058	1.00	0.810	U	U	S21020523.D
1,1-Dichloroethene	20,058	1.00	0.330	51.77	7.82	S21020523.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,058	1.00	0.890 g	U	U	S21020523.D
trans-1,2-Dichloroethene	20,058	1.00	0.440	60.01	6.80	S21020523.D
Methyl-t-butyl ether	20,058	1.00	0.500 g	U	U	S21020523.D
1,1-Dichloroethane	20,058	1.00	0.850	U	U	S21020523.D
cis-1,2-Dichloroethene	20,058	1.00	0.530	433.54	40.8	S21020523.D
Chloroform	20,058	1.00	0.350 g	U	U	S21020523.D
1,2-Dichloroethane	20,058	1.00	0.560	U	U	S21020523.D
1,1,1-Trichloroethane	20,058	1.00	1.050	U	U	S21020523.D
Carbon Tetrachloride	20,058	1.00	0.430 g	U	U	S21020523.D
Benzene	20,058	1.00	0.530	U	U	S21020523.D
Trichloroethene	20,058	10.34	0.330	577.05	901	S21020817.D
1,4-Dioxane	20,058	1.00	0.410 g	U	U	S21020523.D
1,1,2-Trichloroethane	20,058	1.00	0.330 g	U	U	S21020523.D
Toluene	20,058	1.00	0.400	U	U	S21020523.D
1,2-Dibromoethane (EDB)	20,058	1.00	0.390 g	U	U	S21020523.D
Tetrachloroethene	20,058	10.34	0.410	776.17	976	S21020817.D
1,1,1,2-Tetrachloroethane	20,058	1.00	0.410 g	U	U	S21020523.D
Chlorobenzene	20,058	1.00	0.850 g	U	U	S21020523.D
Ethylbenzene	20,058	1.00	0.850	267.65	15.7	S21020523.D
p & m-Xylene	20,058	10.34	0.880	123.51	72.4	S21020817.D
1,1,2,2-Tetrachloroethane	20,058	1.00	0.410 g	U	U	S21020523.D
o-Xylene	20,058	1.00	0.880	511.06	29.0	S21020523.D
1,2,3-Trichloropropane	20,058	1.00	0.750 g	U	U	S21020523.D
Isopropylbenzene	20,058	1.00	0.830 g	U	U	S21020523.D
1,3,5-Trimethylbenzene	20,058	1.00	0.830 g	U	U	S21020523.D
1,2,4-Trimethylbenzene	20,058	1.00	0.830 g	47.18	2.83	S21020523.D
1,3-Dichlorobenzene	20,058	1.00	0.750 g	U	U	S21020523.D
1,4-Dichlorobenzene	20,058	1.00	0.750 g	U	U	S21020523.D
1,2-Dichlorobenzene	20,058	1.00	0.750 g	U	U	S21020523.D
1,2,4-Trichlorobenzene	20,058	1.00	0.390 g	U	U	S21020523.D
Naphthalene	20,058	1.00	0.800 g	U	U	S21020523.D
1,2,3-Trichlorobenzene	20,058	1.00	0.390 g	U	U	S21020523.D
2-Methylnaphthalene	20,058	1.00	0.760 g	U	U	S21020523.D
TPH C4-C9	20,058	1.00	0.590 g	U	U	S21020523.D
TPH C10-C15	20,058	1.00	0.690 g	U	U	S21020523.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-20 **Sample Name:** PSG 18

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,098	1.00	0.810	U	U	S21020524.D
1,1-Dichloroethene	20,098	1.00	0.330	U	U	S21020524.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,098	1.00	0.890 g	U	U	S21020524.D
trans-1,2-Dichloroethene	20,098	1.00	0.440	11.46	1.30	S21020524.D
Methyl-t-butyl ether	20,098	1.00	0.500 g	U	U	S21020524.D
1,1-Dichloroethane	20,098	1.00	0.850	U	U	S21020524.D
cis-1,2-Dichloroethene	20,098	1.00	0.530	15.72	1.48	S21020524.D
Chloroform	20,098	1.00	0.350 g	U	U	S21020524.D
1,2-Dichloroethane	20,098	1.00	0.560	U	U	S21020524.D
1,1,1-Trichloroethane	20,098	1.00	1.050	U	U	S21020524.D
Carbon Tetrachloride	20,098	1.00	0.430 g	U	U	S21020524.D
Benzene	20,098	1.00	0.530	U	U	S21020524.D
Trichloroethene	20,098	1.00	0.330	334.26	50.4	S21020524.D
1,4-Dioxane	20,098	1.00	0.410 g	U	U	S21020524.D
1,1,2-Trichloroethane	20,098	1.00	0.330 g	U	U	S21020524.D
Toluene	20,098	1.00	0.400	U	U	S21020524.D
1,2-Dibromoethane (EDB)	20,098	1.00	0.390 g	U	U	S21020524.D
Tetrachloroethene	20,098	10.34	0.410	173.03	217	S21020818.D
1,1,1,2-Tetrachloroethane	20,098	1.00	0.410 g	U	U	S21020524.D
Chlorobenzene	20,098	1.00	0.850 g	U	U	S21020524.D
Ethylbenzene	20,098	1.00	0.850	64.92	3.80	S21020524.D
p & m-Xylene	20,098	1.00	0.880	268.82	15.2	S21020524.D
1,1,2,2-Tetrachloroethane	20,098	1.00	0.410 g	U	U	S21020524.D
o-Xylene	20,098	1.00	0.880	94.45	5.34	S21020524.D
1,2,3-Trichloropropane	20,098	1.00	0.750 g	U	U	S21020524.D
Isopropylbenzene	20,098	1.00	0.830 g	U	U	S21020524.D
1,3,5-Trimethylbenzene	20,098	1.00	0.830 g	U	U	S21020524.D
1,2,4-Trimethylbenzene	20,098	1.00	0.830 g	41.21	2.47	S21020524.D
1,3-Dichlorobenzene	20,098	1.00	0.750 g	U	U	S21020524.D
1,4-Dichlorobenzene	20,098	1.00	0.750 g	U	U	S21020524.D
1,2-Dichlorobenzene	20,098	1.00	0.750 g	U	U	S21020524.D
1,2,4-Trichlorobenzene	20,098	1.00	0.390 g	U	U	S21020524.D
Naphthalene	20,098	1.00	0.800 g	U	U	S21020524.D
1,2,3-Trichlorobenzene	20,098	1.00	0.390 g	U	U	S21020524.D
2-Methylnaphthalene	20,098	1.00	0.760 g	U	U	S21020524.D
TPH C4-C9	20,098	1.00	0.590 g	16527.93	1,390	S21020524.D
TPH C10-C15	20,098	1.00	0.690 g	U	U	S21020524.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-21 **Sample Name:** PSG 19

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,075	1.00	0.810	U	U	S21020525.D
1,1-Dichloroethene	20,075	1.00	0.330	U	U	S21020525.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,075	1.00	0.890 g	U	U	S21020525.D
trans-1,2-Dichloroethene	20,075	1.00	0.440	U	U	S21020525.D
Methyl-t-butyl ether	20,075	1.00	0.500 g	U	U	S21020525.D
1,1-Dichloroethane	20,075	1.00	0.850	U	U	S21020525.D
cis-1,2-Dichloroethene	20,075	1.00	0.530	U	U	S21020525.D
Chloroform	20,075	1.00	0.350 g	U	U	S21020525.D
1,2-Dichloroethane	20,075	1.00	0.560	U	U	S21020525.D
1,1,1-Trichloroethane	20,075	1.00	1.050	U	U	S21020525.D
Carbon Tetrachloride	20,075	1.00	0.430 g	U	U	S21020525.D
Benzene	20,075	1.00	0.530	38.43	3.61	S21020525.D
Trichloroethene	20,075	1.00	0.330	376.06	56.8	S21020525.D
1,4-Dioxane	20,075	1.00	0.410 g	U	U	S21020525.D
1,1,2-Trichloroethane	20,075	1.00	0.330 g	U	U	S21020525.D
Toluene	20,075	1.00	0.400	29.58	3.68	S21020525.D
1,2-Dibromoethane (EDB)	20,075	1.00	0.390 g	U	U	S21020525.D
Tetrachloroethene	20,075	84.84	0.410	121.78	1,260	S21020908.D
1,1,1,2-Tetrachloroethane	20,075	1.00	0.410 g	U	U	S21020525.D
Chlorobenzene	20,075	1.00	0.850 g	U	U	S21020525.D
Ethylbenzene	20,075	10.34	0.850	168.51	102	S21020819.D
p & m-Xylene	20,075	10.34	0.880	743.64	435	S21020819.D
1,1,2,2-Tetrachloroethane	20,075	1.00	0.410 g	U	U	S21020525.D
o-Xylene	20,075	10.34	0.880	272.27	159	S21020819.D
1,2,3-Trichloropropane	20,075	1.00	0.750 g	U	U	S21020525.D
Isopropylbenzene	20,075	1.00	0.830 g	50.08	3.01	S21020525.D
1,3,5-Trimethylbenzene	20,075	1.00	0.830 g	109.46	6.57	S21020525.D
1,2,4-Trimethylbenzene	20,075	1.00	0.830 g	292.62	17.6	S21020525.D
1,3-Dichlorobenzene	20,075	1.00	0.750 g	U	U	S21020525.D
1,4-Dichlorobenzene	20,075	1.00	0.750 g	U	U	S21020525.D
1,2-Dichlorobenzene	20,075	1.00	0.750 g	U	U	S21020525.D
1,2,4-Trichlorobenzene	20,075	1.00	0.390 g	U	U	S21020525.D
Naphthalene	20,075	1.00	0.800 g	47.78	2.98	S21020525.D
1,2,3-Trichlorobenzene	20,075	1.00	0.390 g	U	U	S21020525.D
2-Methylnaphthalene	20,075	1.00	0.760 g	U	U	S21020525.D
TPH C4-C9	20,075	1.00	0.590 g	83853.22	7,080	S21020525.D
TPH C10-C15	20,075	1.00	0.690 g	28323.31	2,040	S21020525.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-22 **Sample Name:** PSG 20

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,045	1.00	0.810	U	U	S21020526.D
1,1-Dichloroethene	20,045	1.00	0.330	26.51	4.01	S21020526.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,045	1.00	0.890 g	U	U	S21020526.D
trans-1,2-Dichloroethene	20,045	1.00	0.440	35.45	4.02	S21020526.D
Methyl-t-butyl ether	20,045	1.00	0.500 g	U	U	S21020526.D
1,1-Dichloroethane	20,045	1.00	0.850	U	U	S21020526.D
cis-1,2-Dichloroethene	20,045	1.00	0.530	282.66	26.6	S21020526.D
Chloroform	20,045	1.00	0.350 g	U	U	S21020526.D
1,2-Dichloroethane	20,045	1.00	0.560	U	U	S21020526.D
1,1,1-Trichloroethane	20,045	1.00	1.050	U	U	S21020526.D
Carbon Tetrachloride	20,045	1.00	0.430 g	U	U	S21020526.D
Benzene	20,045	1.00	0.530	28.37	2.67	S21020526.D
Trichloroethene	20,045	10.34	0.330	490.46	767	S21020820.D
1,4-Dioxane	20,045	1.00	0.410 g	U	U	S21020526.D
1,1,2-Trichloroethane	20,045	1.00	0.330 g	U	U	S21020526.D
Toluene	20,045	1.00	0.400	U	U	S21020526.D
1,2-Dibromoethane (EDB)	20,045	1.00	0.390 g	U	U	S21020526.D
Tetrachloroethene	20,045	84.84	0.410	445.81	4,600	S21020909.D
1,1,1,2-Tetrachloroethane	20,045	1.00	0.410 g	U	U	S21020526.D
Chlorobenzene	20,045	1.00	0.850 g	U	U	S21020526.D
Ethylbenzene	20,045	1.00	0.850	509.90	29.9	S21020526.D
p & m-Xylene	20,045	10.34	0.880	194.84	114	S21020820.D
1,1,2,2-Tetrachloroethane	20,045	1.00	0.410 g	U	U	S21020526.D
o-Xylene	20,045	1.00	0.880	619.47	35.1	S21020526.D
1,2,3-Trichloropropane	20,045	1.00	0.750 g	U	U	S21020526.D
Isopropylbenzene	20,045	1.00	0.830 g	U	U	S21020526.D
1,3,5-Trimethylbenzene	20,045	1.00	0.830 g	U	U	S21020526.D
1,2,4-Trimethylbenzene	20,045	1.00	0.830 g	52.46	3.15	S21020526.D
1,3-Dichlorobenzene	20,045	1.00	0.750 g	U	U	S21020526.D
1,4-Dichlorobenzene	20,045	1.00	0.750 g	U	U	S21020526.D
1,2-Dichlorobenzene	20,045	1.00	0.750 g	U	U	S21020526.D
1,2,4-Trichlorobenzene	20,045	1.00	0.390 g	U	U	S21020526.D
Naphthalene	20,045	1.00	0.800 g	U	U	S21020526.D
1,2,3-Trichlorobenzene	20,045	1.00	0.390 g	U	U	S21020526.D
2-Methylnaphthalene	20,045	1.00	0.760 g	U	U	S21020526.D
TPH C4-C9	20,045	1.00	0.590 g	U	U	S21020526.D
TPH C10-C15	20,045	1.00	0.690 g	5249.84	380	S21020526.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-23 **Sample Name:** PSG 21

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,070	1.00	0.810	U	U	S21020527.D
1,1-Dichloroethene	20,070	1.00	0.330	11.42	1.72	S21020527.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,070	1.00	0.890 g	U	U	S21020527.D
trans-1,2-Dichloroethene	20,070	1.00	0.440	16.52	1.87	S21020527.D
Methyl-t-butyl ether	20,070	1.00	0.500 g	U	U	S21020527.D
1,1-Dichloroethane	20,070	1.00	0.850	U	U	S21020527.D
cis-1,2-Dichloroethene	20,070	1.00	0.530	133.21	12.5	S21020527.D
Chloroform	20,070	1.00	0.350 g	U	U	S21020527.D
1,2-Dichloroethane	20,070	1.00	0.560	U	U	S21020527.D
1,1,1-Trichloroethane	20,070	1.00	1.050	U	U	S21020527.D
Carbon Tetrachloride	20,070	1.00	0.430 g	U	U	S21020527.D
Benzene	20,070	1.00	0.530	U	U	S21020527.D
Trichloroethene	20,070	10.34	0.330	311.01	486	S21020821.D
1,4-Dioxane	20,070	1.00	0.410 g	U	U	S21020527.D
1,1,2-Trichloroethane	20,070	1.00	0.330 g	U	U	S21020527.D
Toluene	20,070	1.00	0.400	U	U	S21020527.D
1,2-Dibromoethane (EDB)	20,070	1.00	0.390 g	U	U	S21020527.D
Tetrachloroethene	20,070	84.84	0.410	726.06	7,490	S21020910.D
1,1,1,2-Tetrachloroethane	20,070	1.00	0.410 g	U	U	S21020527.D
Chlorobenzene	20,070	1.00	0.850 g	U	U	S21020527.D
Ethylbenzene	20,070	1.00	0.850	661.49	38.8	S21020527.D
p & m-Xylene	20,070	10.34	0.880	328.01	192	S21020821.D
1,1,2,2-Tetrachloroethane	20,070	1.00	0.410 g	U	U	S21020527.D
o-Xylene	20,070	10.34	0.880	128.36	75.1	S21020821.D
1,2,3-Trichloropropane	20,070	1.00	0.750 g	U	U	S21020527.D
Isopropylbenzene	20,070	1.00	0.830 g	U	U	S21020527.D
1,3,5-Trimethylbenzene	20,070	1.00	0.830 g	53.45	3.21	S21020527.D
1,2,4-Trimethylbenzene	20,070	1.00	0.830 g	178.27	10.7	S21020527.D
1,3-Dichlorobenzene	20,070	1.00	0.750 g	U	U	S21020527.D
1,4-Dichlorobenzene	20,070	1.00	0.750 g	U	U	S21020527.D
1,2-Dichlorobenzene	20,070	1.00	0.750 g	U	U	S21020527.D
1,2,4-Trichlorobenzene	20,070	1.00	0.390 g	U	U	S21020527.D
Naphthalene	20,070	1.00	0.800 g	U	U	S21020527.D
1,2,3-Trichlorobenzene	20,070	1.00	0.390 g	U	U	S21020527.D
2-Methylnaphthalene	20,070	1.00	0.760 g	U	U	S21020527.D
TPH C4-C9	20,070	1.00	0.590 g	U	U	S21020527.D
TPH C10-C15	20,070	1.00	0.690 g	5754.89	416	S21020527.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-24 **Sample Name:** PSG 22

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,068	1.00	0.810	U	U	S21020528.D
1,1-Dichloroethene	20,068	1.00	0.330	U	U	S21020528.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,068	1.00	0.890 g	U	U	S21020528.D
trans-1,2-Dichloroethene	20,068	1.00	0.440	U	U	S21020528.D
Methyl-t-butyl ether	20,068	1.00	0.500 g	U	U	S21020528.D
1,1-Dichloroethane	20,068	1.00	0.850	U	U	S21020528.D
cis-1,2-Dichloroethene	20,068	1.00	0.530	22.87	2.15	S21020528.D
Chloroform	20,068	1.00	0.350 g	11.34	1.61	S21020528.D
1,2-Dichloroethane	20,068	1.00	0.560	U	U	S21020528.D
1,1,1-Trichloroethane	20,068	1.00	1.050	U	U	S21020528.D
Carbon Tetrachloride	20,068	1.00	0.430 g	U	U	S21020528.D
Benzene	20,068	1.00	0.530	44.96	4.23	S21020528.D
Trichloroethene	20,068	10.34	0.330	59.62	93.1	S21020822.D
1,4-Dioxane	20,068	1.00	0.410 g	U	U	S21020528.D
1,1,2-Trichloroethane	20,068	1.00	0.330 g	U	U	S21020528.D
Toluene	20,068	1.00	0.400	U	U	S21020528.D
1,2-Dibromoethane (EDB)	20,068	1.00	0.390 g	U	U	S21020528.D
Tetrachloroethene	20,068	777.56	0.410	102.75	9,710	S21020934.D
1,1,1,2-Tetrachloroethane	20,068	1.00	0.410 g	U	U	S21020528.D
Chlorobenzene	20,068	1.00	0.850 g	U	U	S21020528.D
Ethylbenzene	20,068	10.34	0.850	111.45	67.6	S21020822.D
p & m-Xylene	20,068	10.34	0.880	628.99	368	S21020822.D
1,1,2,2-Tetrachloroethane	20,068	1.00	0.410 g	U	U	S21020528.D
o-Xylene	20,068	10.34	0.880	306.74	180	S21020822.D
1,2,3-Trichloropropane	20,068	1.00	0.750 g	U	U	S21020528.D
Isopropylbenzene	20,068	1.00	0.830 g	88.13	5.29	S21020528.D
1,3,5-Trimethylbenzene	20,068	1.00	0.830 g	263.98	15.8	S21020528.D
1,2,4-Trimethylbenzene	20,068	1.00	0.830 g	728.42	43.7	S21020528.D
1,3-Dichlorobenzene	20,068	1.00	0.750 g	U	U	S21020528.D
1,4-Dichlorobenzene	20,068	1.00	0.750 g	U	U	S21020528.D
1,2-Dichlorobenzene	20,068	1.00	0.750 g	U	U	S21020528.D
1,2,4-Trichlorobenzene	20,068	1.00	0.390 g	U	U	S21020528.D
Naphthalene	20,068	1.00	0.800 g	U	U	S21020528.D
1,2,3-Trichlorobenzene	20,068	1.00	0.390 g	U	U	S21020528.D
2-Methylnaphthalene	20,068	1.00	0.760 g	U	U	S21020528.D
TPH C4-C9	20,068	1.00	0.590 g	48201.69	4,070	S21020528.D
TPH C10-C15	20,068	1.00	0.690 g	17001.73	1,230	S21020528.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-25 **Sample Name:** PSG 23

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,066	1.00	0.810	U	U	S21020529.D
1,1-Dichloroethene	20,066	1.00	0.330	U	U	S21020529.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,066	1.00	0.890 g	U	U	S21020529.D
trans-1,2-Dichloroethene	20,066	1.00	0.440	U	U	S21020529.D
Methyl-t-butyl ether	20,066	1.00	0.500 g	U	U	S21020529.D
1,1-Dichloroethane	20,066	1.00	0.850	U	U	S21020529.D
cis-1,2-Dichloroethene	20,066	1.00	0.530	16.75	1.57	S21020529.D
Chloroform	20,066	1.00	0.350 g	U	U	S21020529.D
1,2-Dichloroethane	20,066	1.00	0.560	U	U	S21020529.D
1,1,1-Trichloroethane	20,066	1.00	1.050	U	U	S21020529.D
Carbon Tetrachloride	20,066	1.00	0.430 g	U	U	S21020529.D
Benzene	20,066	1.00	0.530	U	U	S21020529.D
Trichloroethene	20,066	1.00	0.330	311.42	47.0	S21020529.D
1,4-Dioxane	20,066	1.00	0.410 g	187.17	22.8	S21020529.D
1,1,2-Trichloroethane	20,066	1.00	0.330 g	U	U	S21020529.D
Toluene	20,066	1.00	0.400	U	U	S21020529.D
1,2-Dibromoethane (EDB)	20,066	1.00	0.390 g	U	U	S21020529.D
Tetrachloroethene	20,066	10.34	0.410	340.21	428	S21020823.D
1,1,1,2-Tetrachloroethane	20,066	1.00	0.410 g	U	U	S21020529.D
Chlorobenzene	20,066	1.00	0.850 g	U	U	S21020529.D
Ethylbenzene	20,066	10.34	0.850	194.77	118	S21020823.D
p & m-Xylene	20,066	84.84	0.880	134.67	647	S21020912.D
1,1,2,2-Tetrachloroethane	20,066	1.00	0.410 g	U	U	S21020529.D
o-Xylene	20,066	10.34	0.880	604.90	354	S21020823.D
1,2,3-Trichloropropane	20,066	1.00	0.750 g	U	U	S21020529.D
Isopropylbenzene	20,066	1.00	0.830 g	102.21	6.14	S21020529.D
1,3,5-Trimethylbenzene	20,066	1.00	0.830 g	407.15	24.4	S21020529.D
1,2,4-Trimethylbenzene	20,066	10.34	0.830 g	119.42	74.1	S21020823.D
1,3-Dichlorobenzene	20,066	1.00	0.750 g	U	U	S21020529.D
1,4-Dichlorobenzene	20,066	1.00	0.750 g	U	U	S21020529.D
1,2-Dichlorobenzene	20,066	1.00	0.750 g	U	U	S21020529.D
1,2,4-Trichlorobenzene	20,066	1.00	0.390 g	U	U	S21020529.D
Naphthalene	20,066	1.00	0.800 g	U	U	S21020529.D
1,2,3-Trichlorobenzene	20,066	1.00	0.390 g	U	U	S21020529.D
2-Methylnaphthalene	20,066	1.00	0.760 g	U	U	S21020529.D
TPH C4-C9	20,066	1.00	0.590 g	70271.16	5,940	S21020529.D
TPH C10-C15	20,066	1.00	0.690 g	24473.12	1,770	S21020529.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Lab ID: 0005610-26 **Sample Name:** PSG 24						
Vinyl Chloride	20,054	1.00	0.810	U	U	S21020530.D
1,1-Dichloroethene	20,054	1.00	0.330	16.96	2.56	S21020530.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,054	1.00	0.890 g	U	U	S21020530.D
trans-1,2-Dichloroethene	20,054	1.00	0.440	18.07	2.05	S21020530.D
Methyl-t-butyl ether	20,054	1.00	0.500 g	U	U	S21020530.D
1,1-Dichloroethane	20,054	1.00	0.850	U	U	S21020530.D
cis-1,2-Dichloroethene	20,054	1.00	0.530	101.09	9.51	S21020530.D
Chloroform	20,054	1.00	0.350 g	U	U	S21020530.D
1,2-Dichloroethane	20,054	1.00	0.560	U	U	S21020530.D
1,1,1-Trichloroethane	20,054	1.00	1.050	U	U	S21020530.D
Carbon Tetrachloride	20,054	1.00	0.430 g	U	U	S21020530.D
Benzene	20,054	1.00	0.530	U	U	S21020530.D
Trichloroethene	20,054	10.34	0.330	591.62	924	S21020824.D
1,4-Dioxane	20,054	1.00	0.410 g	U	U	S21020530.D
1,1,2-Trichloroethane	20,054	1.00	0.330 g	U	U	S21020530.D
Toluene	20,054	1.00	0.400	U	U	S21020530.D
1,2-Dibromoethane (EDB)	20,054	1.00	0.390 g	U	U	S21020530.D
Tetrachloroethene	20,054	777.56	0.410	164.75	15,600	S21020935.D
1,1,1,2-Tetrachloroethane	20,054	1.00	0.410 g	U	U	S21020530.D
Chlorobenzene	20,054	1.00	0.850 g	U	U	S21020530.D
Ethylbenzene	20,054	1.00	0.850	154.51	9.06	S21020530.D
p & m-Xylene	20,054	1.00	0.880	630.74	35.7	S21020530.D
1,1,2,2-Tetrachloroethane	20,054	1.00	0.410 g	U	U	S21020530.D
o-Xylene	20,054	1.00	0.880	231.05	13.1	S21020530.D
1,2,3-Trichloropropane	20,054	1.00	0.750 g	U	U	S21020530.D
Isopropylbenzene	20,054	1.00	0.830 g	U	U	S21020530.D
1,3,5-Trimethylbenzene	20,054	1.00	0.830 g	U	U	S21020530.D
1,2,4-Trimethylbenzene	20,054	1.00	0.830 g	37.99	2.28	S21020530.D
1,3-Dichlorobenzene	20,054	1.00	0.750 g	U	U	S21020530.D
1,4-Dichlorobenzene	20,054	1.00	0.750 g	U	U	S21020530.D
1,2-Dichlorobenzene	20,054	1.00	0.750 g	U	U	S21020530.D
1,2,4-Trichlorobenzene	20,054	1.00	0.390 g	U	U	S21020530.D
Naphthalene	20,054	1.00	0.800 g	U	U	S21020530.D
1,2,3-Trichlorobenzene	20,054	1.00	0.390 g	U	U	S21020530.D
2-Methylnaphthalene	20,054	1.00	0.760 g	U	U	S21020530.D
TPH C4-C9	20,054	1.00	0.590 g	U	U	S21020530.D
TPH C10-C15	20,054	1.00	0.690 g	U	U	S21020530.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-27 **Sample Name:** PSG 25

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,106	1.00	0.810	U	U	S21020806.D
1,1-Dichloroethene	20,106	1.00	0.330	U	U	S21020806.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,106	1.00	0.890 g	U	U	S21020806.D
trans-1,2-Dichloroethene	20,106	1.00	0.440	U	U	S21020806.D
Methyl-t-butyl ether	20,106	1.00	0.500 g	U	U	S21020806.D
1,1-Dichloroethane	20,106	1.00	0.850	U	U	S21020806.D
cis-1,2-Dichloroethene	20,106	1.00	0.530	U	U	S21020806.D
Chloroform	20,106	1.00	0.350 g	16.80	2.39	S21020806.D
1,2-Dichloroethane	20,106	1.00	0.560	U	U	S21020806.D
1,1,1-Trichloroethane	20,106	1.00	1.050	U	U	S21020806.D
Carbon Tetrachloride	20,106	1.00	0.430 g	U	U	S21020806.D
Benzene	20,106	1.00	0.530	U	U	S21020806.D
Trichloroethene	20,106	1.00	0.330	12.18	1.84	S21020806.D
1,4-Dioxane	20,106	1.00	0.410 g	U	U	S21020806.D
1,1,2-Trichloroethane	20,106	1.00	0.330 g	U	U	S21020806.D
Toluene	20,106	1.00	0.400	U	U	S21020806.D
1,2-Dibromoethane (EDB)	20,106	1.00	0.390 g	U	U	S21020806.D
Tetrachloroethene	20,106	1.00	0.410	94.26	11.4	S21020806.D
1,1,1,2-Tetrachloroethane	20,106	1.00	0.410 g	U	U	S21020806.D
Chlorobenzene	20,106	1.00	0.850 g	U	U	S21020806.D
Ethylbenzene	20,106	1.00	0.850	U	U	S21020806.D
p & m-Xylene	20,106	1.00	0.880	U	U	S21020806.D
1,1,2,2-Tetrachloroethane	20,106	1.00	0.410 g	U	U	S21020806.D
o-Xylene	20,106	1.00	0.880	U	U	S21020806.D
1,2,3-Trichloropropane	20,106	1.00	0.750 g	U	U	S21020806.D
Isopropylbenzene	20,106	1.00	0.830 g	U	U	S21020806.D
1,3,5-Trimethylbenzene	20,106	1.00	0.830 g	U	U	S21020806.D
1,2,4-Trimethylbenzene	20,106	1.00	0.830 g	U	U	S21020806.D
1,3-Dichlorobenzene	20,106	1.00	0.750 g	U	U	S21020806.D
1,4-Dichlorobenzene	20,106	1.00	0.750 g	U	U	S21020806.D
1,2-Dichlorobenzene	20,106	1.00	0.750 g	U	U	S21020806.D
1,2,4-Trichlorobenzene	20,106	1.00	0.390 g	U	U	S21020806.D
Naphthalene	20,106	1.00	0.800 g	U	U	S21020806.D
1,2,3-Trichlorobenzene	20,106	1.00	0.390 g	U	U	S21020806.D
2-Methylnaphthalene	20,106	1.00	0.760 g	U	U	S21020806.D
TPH C4-C9	20,106	1.00	0.590 g	U	U	S21020806.D
TPH C10-C15	20,106	1.00	0.690 g	U	U	S21020806.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-28 **Sample Name:** PSG 26

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,106	1.00	0.810	U	U	S21020532.D
1,1-Dichloroethene	20,106	1.00	0.330	U	U	S21020532.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,106	1.00	0.890 g	U	U	S21020532.D
trans-1,2-Dichloroethene	20,106	1.00	0.440	U	U	S21020532.D
Methyl-t-butyl ether	20,106	1.00	0.500 g	U	U	S21020532.D
1,1-Dichloroethane	20,106	1.00	0.850	U	U	S21020532.D
cis-1,2-Dichloroethene	20,106	1.00	0.530	U	U	S21020532.D
Chloroform	20,106	1.00	0.350 g	35.04	4.98	S21020532.D
1,2-Dichloroethane	20,106	1.00	0.560	U	U	S21020532.D
1,1,1-Trichloroethane	20,106	1.00	1.050	U	U	S21020532.D
Carbon Tetrachloride	20,106	1.00	0.430 g	U	U	S21020532.D
Benzene	20,106	1.00	0.530	U	U	S21020532.D
Trichloroethene	20,106	1.00	0.330	U	U	S21020532.D
1,4-Dioxane	20,106	1.00	0.410 g	U	U	S21020532.D
1,1,2-Trichloroethane	20,106	1.00	0.330 g	U	U	S21020532.D
Toluene	20,106	1.00	0.400	U	U	S21020532.D
1,2-Dibromoethane (EDB)	20,106	1.00	0.390 g	U	U	S21020532.D
Tetrachloroethene	20,106	1.00	0.410	28.13	3.41	S21020532.D
1,1,1,2-Tetrachloroethane	20,106	1.00	0.410 g	U	U	S21020532.D
Chlorobenzene	20,106	1.00	0.850 g	U	U	S21020532.D
Ethylbenzene	20,106	1.00	0.850	U	U	S21020532.D
p & m-Xylene	20,106	1.00	0.880	U	U	S21020532.D
1,1,2,2-Tetrachloroethane	20,106	1.00	0.410 g	U	U	S21020532.D
o-Xylene	20,106	1.00	0.880	U	U	S21020532.D
1,2,3-Trichloropropane	20,106	1.00	0.750 g	U	U	S21020532.D
Isopropylbenzene	20,106	1.00	0.830 g	U	U	S21020532.D
1,3,5-Trimethylbenzene	20,106	1.00	0.830 g	U	U	S21020532.D
1,2,4-Trimethylbenzene	20,106	1.00	0.830 g	U	U	S21020532.D
1,3-Dichlorobenzene	20,106	1.00	0.750 g	U	U	S21020532.D
1,4-Dichlorobenzene	20,106	1.00	0.750 g	U	U	S21020532.D
1,2-Dichlorobenzene	20,106	1.00	0.750 g	U	U	S21020532.D
1,2,4-Trichlorobenzene	20,106	1.00	0.390 g	U	U	S21020532.D
Naphthalene	20,106	1.00	0.800 g	U	U	S21020532.D
1,2,3-Trichlorobenzene	20,106	1.00	0.390 g	U	U	S21020532.D
2-Methylnaphthalene	20,106	1.00	0.760 g	U	U	S21020532.D
TPH C4-C9	20,106	1.00	0.590 g	U	U	S21020532.D
TPH C10-C15	20,106	1.00	0.690 g	U	U	S21020532.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-29 **Sample Name:** PSG 27

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,107	1.00	0.810	U	U	S21020533.D
1,1-Dichloroethene	20,107	1.00	0.330	U	U	S21020533.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,107	1.00	0.890 g	U	U	S21020533.D
trans-1,2-Dichloroethene	20,107	1.00	0.440	U	U	S21020533.D
Methyl-t-butyl ether	20,107	1.00	0.500 g	U	U	S21020533.D
1,1-Dichloroethane	20,107	1.00	0.850	U	U	S21020533.D
cis-1,2-Dichloroethene	20,107	1.00	0.530	U	U	S21020533.D
Chloroform	20,107	1.00	0.350 g	U	U	S21020533.D
1,2-Dichloroethane	20,107	1.00	0.560	U	U	S21020533.D
1,1,1-Trichloroethane	20,107	1.00	1.050	U	U	S21020533.D
Carbon Tetrachloride	20,107	1.00	0.430 g	U	U	S21020533.D
Benzene	20,107	1.00	0.530	U	U	S21020533.D
Trichloroethene	20,107	1.00	0.330	U	U	S21020533.D
1,4-Dioxane	20,107	1.00	0.410 g	U	U	S21020533.D
1,1,2-Trichloroethane	20,107	1.00	0.330 g	U	U	S21020533.D
Toluene	20,107	1.00	0.400	U	U	S21020533.D
1,2-Dibromoethane (EDB)	20,107	1.00	0.390 g	U	U	S21020533.D
Tetrachloroethene	20,107	1.00	0.410	17.08	2.07	S21020533.D
1,1,1,2-Tetrachloroethane	20,107	1.00	0.410 g	U	U	S21020533.D
Chlorobenzene	20,107	1.00	0.850 g	U	U	S21020533.D
Ethylbenzene	20,107	1.00	0.850	U	U	S21020533.D
p & m-Xylene	20,107	1.00	0.880	U	U	S21020533.D
1,1,2,2-Tetrachloroethane	20,107	1.00	0.410 g	U	U	S21020533.D
o-Xylene	20,107	1.00	0.880	U	U	S21020533.D
1,2,3-Trichloropropane	20,107	1.00	0.750 g	U	U	S21020533.D
Isopropylbenzene	20,107	1.00	0.830 g	U	U	S21020533.D
1,3,5-Trimethylbenzene	20,107	1.00	0.830 g	U	U	S21020533.D
1,2,4-Trimethylbenzene	20,107	1.00	0.830 g	U	U	S21020533.D
1,3-Dichlorobenzene	20,107	1.00	0.750 g	U	U	S21020533.D
1,4-Dichlorobenzene	20,107	1.00	0.750 g	U	U	S21020533.D
1,2-Dichlorobenzene	20,107	1.00	0.750 g	U	U	S21020533.D
1,2,4-Trichlorobenzene	20,107	1.00	0.390 g	U	U	S21020533.D
Naphthalene	20,107	1.00	0.800 g	U	U	S21020533.D
1,2,3-Trichlorobenzene	20,107	1.00	0.390 g	U	U	S21020533.D
2-Methylnaphthalene	20,107	1.00	0.760 g	U	U	S21020533.D
TPH C4-C9	20,107	1.00	0.590 g	U	U	S21020533.D
TPH C10-C15	20,107	1.00	0.690 g	U	U	S21020533.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Lab ID: 0005610-30 **Sample Name:** PSG 28						
Vinyl Chloride	20,109	1.00	0.810	U	U	S21020534.D
1,1-Dichloroethene	20,109	1.00	0.330	U	U	S21020534.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,109	1.00	0.890 g	U	U	S21020534.D
trans-1,2-Dichloroethene	20,109	1.00	0.440	U	U	S21020534.D
Methyl-t-butyl ether	20,109	1.00	0.500 g	U	U	S21020534.D
1,1-Dichloroethane	20,109	1.00	0.850	U	U	S21020534.D
cis-1,2-Dichloroethene	20,109	1.00	0.530	U	U	S21020534.D
Chloroform	20,109	1.00	0.350 g	U	U	S21020534.D
1,2-Dichloroethane	20,109	1.00	0.560	U	U	S21020534.D
1,1,1-Trichloroethane	20,109	1.00	1.050	U	U	S21020534.D
Carbon Tetrachloride	20,109	1.00	0.430 g	U	U	S21020534.D
Benzene	20,109	1.00	0.530	U	U	S21020534.D
Trichloroethene	20,109	1.00	0.330	U	U	S21020534.D
1,4-Dioxane	20,109	1.00	0.410 g	U	U	S21020534.D
1,1,2-Trichloroethane	20,109	1.00	0.330 g	U	U	S21020534.D
Toluene	20,109	1.00	0.400	U	U	S21020534.D
1,2-Dibromoethane (EDB)	20,109	1.00	0.390 g	U	U	S21020534.D
Tetrachloroethene	20,109	1.00	0.410	U	U	S21020534.D
1,1,1,2-Tetrachloroethane	20,109	1.00	0.410 g	U	U	S21020534.D
Chlorobenzene	20,109	1.00	0.850 g	U	U	S21020534.D
Ethylbenzene	20,109	1.00	0.850	U	U	S21020534.D
p & m-Xylene	20,109	1.00	0.880	U	U	S21020534.D
1,1,2,2-Tetrachloroethane	20,109	1.00	0.410 g	U	U	S21020534.D
o-Xylene	20,109	1.00	0.880	U	U	S21020534.D
1,2,3-Trichloropropane	20,109	1.00	0.750 g	U	U	S21020534.D
Isopropylbenzene	20,109	1.00	0.830 g	U	U	S21020534.D
1,3,5-Trimethylbenzene	20,109	1.00	0.830 g	U	U	S21020534.D
1,2,4-Trimethylbenzene	20,109	1.00	0.830 g	U	U	S21020534.D
1,3-Dichlorobenzene	20,109	1.00	0.750 g	U	U	S21020534.D
1,4-Dichlorobenzene	20,109	1.00	0.750 g	U	U	S21020534.D
1,2-Dichlorobenzene	20,109	1.00	0.750 g	U	U	S21020534.D
1,2,4-Trichlorobenzene	20,109	1.00	0.390 g	U	U	S21020534.D
Naphthalene	20,109	1.00	0.800 g	U	U	S21020534.D
1,2,3-Trichlorobenzene	20,109	1.00	0.390 g	U	U	S21020534.D
2-Methylnaphthalene	20,109	1.00	0.760 g	U	U	S21020534.D
TPH C4-C9	20,109	1.00	0.590 g	U	U	S21020534.D
TPH C10-C15	20,109	1.00	0.690 g	U	U	S21020534.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-31 **Sample Name:** PSG 29

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,110	1.00	0.810	U	U	S21020535.D
1,1-Dichloroethene	20,110	1.00	0.330	U	U	S21020535.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,110	1.00	0.890 g	U	U	S21020535.D
trans-1,2-Dichloroethene	20,110	1.00	0.440	U	U	S21020535.D
Methyl-t-butyl ether	20,110	1.00	0.500 g	U	U	S21020535.D
1,1-Dichloroethane	20,110	1.00	0.850	U	U	S21020535.D
cis-1,2-Dichloroethene	20,110	1.00	0.530	U	U	S21020535.D
Chloroform	20,110	1.00	0.350 g	U	U	S21020535.D
1,2-Dichloroethane	20,110	1.00	0.560	U	U	S21020535.D
1,1,1-Trichloroethane	20,110	1.00	1.050	U	U	S21020535.D
Carbon Tetrachloride	20,110	1.00	0.430 g	U	U	S21020535.D
Benzene	20,110	1.00	0.530	U	U	S21020535.D
Trichloroethene	20,110	1.00	0.330	U	U	S21020535.D
1,4-Dioxane	20,110	1.00	0.410 g	U	U	S21020535.D
1,1,2-Trichloroethane	20,110	1.00	0.330 g	U	U	S21020535.D
Toluene	20,110	1.00	0.400	U	U	S21020535.D
1,2-Dibromoethane (EDB)	20,110	1.00	0.390 g	U	U	S21020535.D
Tetrachloroethene	20,110	1.00	0.410	U	U	S21020535.D
1,1,1,2-Tetrachloroethane	20,110	1.00	0.410 g	U	U	S21020535.D
Chlorobenzene	20,110	1.00	0.850 g	U	U	S21020535.D
Ethylbenzene	20,110	1.00	0.850	U	U	S21020535.D
p & m-Xylene	20,110	1.00	0.880	U	U	S21020535.D
1,1,2,2-Tetrachloroethane	20,110	1.00	0.410 g	U	U	S21020535.D
o-Xylene	20,110	1.00	0.880	U	U	S21020535.D
1,2,3-Trichloropropane	20,110	1.00	0.750 g	U	U	S21020535.D
Isopropylbenzene	20,110	1.00	0.830 g	U	U	S21020535.D
1,3,5-Trimethylbenzene	20,110	1.00	0.830 g	U	U	S21020535.D
1,2,4-Trimethylbenzene	20,110	1.00	0.830 g	U	U	S21020535.D
1,3-Dichlorobenzene	20,110	1.00	0.750 g	U	U	S21020535.D
1,4-Dichlorobenzene	20,110	1.00	0.750 g	U	U	S21020535.D
1,2-Dichlorobenzene	20,110	1.00	0.750 g	U	U	S21020535.D
1,2,4-Trichlorobenzene	20,110	1.00	0.390 g	U	U	S21020535.D
Naphthalene	20,110	1.00	0.800 g	U	U	S21020535.D
1,2,3-Trichlorobenzene	20,110	1.00	0.390 g	U	U	S21020535.D
2-Methylnaphthalene	20,110	1.00	0.760 g	U	U	S21020535.D
TPH C4-C9	20,110	1.00	0.590 g	U	U	S21020535.D
TPH C10-C15	20,110	1.00	0.690 g	U	U	S21020535.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-32 **Sample Name:** PSG 30

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,114	1.00	0.810	U	U	S21020536.D
1,1-Dichloroethene	20,114	1.00	0.330	U	U	S21020536.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,114	1.00	0.890 g	U	U	S21020536.D
trans-1,2-Dichloroethene	20,114	1.00	0.440	U	U	S21020536.D
Methyl-t-butyl ether	20,114	1.00	0.500 g	U	U	S21020536.D
1,1-Dichloroethane	20,114	1.00	0.850	U	U	S21020536.D
cis-1,2-Dichloroethene	20,114	1.00	0.530	U	U	S21020536.D
Chloroform	20,114	1.00	0.350 g	15.20	2.16	S21020536.D
1,2-Dichloroethane	20,114	1.00	0.560	U	U	S21020536.D
1,1,1-Trichloroethane	20,114	1.00	1.050	U	U	S21020536.D
Carbon Tetrachloride	20,114	1.00	0.430 g	U	U	S21020536.D
Benzene	20,114	1.00	0.530	U	U	S21020536.D
Trichloroethene	20,114	1.00	0.330	U	U	S21020536.D
1,4-Dioxane	20,114	1.00	0.410 g	U	U	S21020536.D
1,1,2-Trichloroethane	20,114	1.00	0.330 g	U	U	S21020536.D
Toluene	20,114	1.00	0.400	U	U	S21020536.D
1,2-Dibromoethane (EDB)	20,114	1.00	0.390 g	U	U	S21020536.D
Tetrachloroethene	20,114	1.00	0.410	16.26	1.97	S21020536.D
1,1,1,2-Tetrachloroethane	20,114	1.00	0.410 g	U	U	S21020536.D
Chlorobenzene	20,114	1.00	0.850 g	U	U	S21020536.D
Ethylbenzene	20,114	1.00	0.850	U	U	S21020536.D
p & m-Xylene	20,114	1.00	0.880	U	U	S21020536.D
1,1,2,2-Tetrachloroethane	20,114	1.00	0.410 g	U	U	S21020536.D
o-Xylene	20,114	1.00	0.880	U	U	S21020536.D
1,2,3-Trichloropropane	20,114	1.00	0.750 g	U	U	S21020536.D
Isopropylbenzene	20,114	1.00	0.830 g	U	U	S21020536.D
1,3,5-Trimethylbenzene	20,114	1.00	0.830 g	U	U	S21020536.D
1,2,4-Trimethylbenzene	20,114	1.00	0.830 g	U	U	S21020536.D
1,3-Dichlorobenzene	20,114	1.00	0.750 g	U	U	S21020536.D
1,4-Dichlorobenzene	20,114	1.00	0.750 g	U	U	S21020536.D
1,2-Dichlorobenzene	20,114	1.00	0.750 g	U	U	S21020536.D
1,2,4-Trichlorobenzene	20,114	1.00	0.390 g	U	U	S21020536.D
Naphthalene	20,114	1.00	0.800 g	U	U	S21020536.D
1,2,3-Trichlorobenzene	20,114	1.00	0.390 g	U	U	S21020536.D
2-Methylnaphthalene	20,114	1.00	0.760 g	U	U	S21020536.D
TPH C4-C9	20,114	1.00	0.590 g	U	U	S21020536.D
TPH C10-C15	20,114	1.00	0.690 g	U	U	S21020536.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-33 **Sample Name:** PSG 31

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,115	1.00	0.810	U	U	S21020537.D
1,1-Dichloroethene	20,115	1.00	0.330	U	U	S21020537.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,115	1.00	0.890 g	U	U	S21020537.D
trans-1,2-Dichloroethene	20,115	1.00	0.440	U	U	S21020537.D
Methyl-t-butyl ether	20,115	1.00	0.500 g	U	U	S21020537.D
1,1-Dichloroethane	20,115	1.00	0.850	U	U	S21020537.D
cis-1,2-Dichloroethene	20,115	1.00	0.530	U	U	S21020537.D
Chloroform	20,115	1.00	0.350 g	46.64	6.62	S21020537.D
1,2-Dichloroethane	20,115	1.00	0.560	U	U	S21020537.D
1,1,1-Trichloroethane	20,115	1.00	1.050	U	U	S21020537.D
Carbon Tetrachloride	20,115	1.00	0.430 g	U	U	S21020537.D
Benzene	20,115	1.00	0.530	U	U	S21020537.D
Trichloroethene	20,115	1.00	0.330	U	U	S21020537.D
1,4-Dioxane	20,115	1.00	0.410 g	U	U	S21020537.D
1,1,2-Trichloroethane	20,115	1.00	0.330 g	U	U	S21020537.D
Toluene	20,115	1.00	0.400	U	U	S21020537.D
1,2-Dibromoethane (EDB)	20,115	1.00	0.390 g	U	U	S21020537.D
Tetrachloroethene	20,115	1.00	0.410	37.80	4.58	S21020537.D
1,1,1,2-Tetrachloroethane	20,115	1.00	0.410 g	U	U	S21020537.D
Chlorobenzene	20,115	1.00	0.850 g	U	U	S21020537.D
Ethylbenzene	20,115	1.00	0.850	U	U	S21020537.D
p & m-Xylene	20,115	1.00	0.880	U	U	S21020537.D
1,1,2,2-Tetrachloroethane	20,115	1.00	0.410 g	U	U	S21020537.D
o-Xylene	20,115	1.00	0.880	U	U	S21020537.D
1,2,3-Trichloropropane	20,115	1.00	0.750 g	U	U	S21020537.D
Isopropylbenzene	20,115	1.00	0.830 g	U	U	S21020537.D
1,3,5-Trimethylbenzene	20,115	1.00	0.830 g	U	U	S21020537.D
1,2,4-Trimethylbenzene	20,115	1.00	0.830 g	U	U	S21020537.D
1,3-Dichlorobenzene	20,115	1.00	0.750 g	U	U	S21020537.D
1,4-Dichlorobenzene	20,115	1.00	0.750 g	U	U	S21020537.D
1,2-Dichlorobenzene	20,115	1.00	0.750 g	U	U	S21020537.D
1,2,4-Trichlorobenzene	20,115	1.00	0.390 g	U	U	S21020537.D
Naphthalene	20,115	1.00	0.800 g	U	U	S21020537.D
1,2,3-Trichlorobenzene	20,115	1.00	0.390 g	U	U	S21020537.D
2-Methylnaphthalene	20,115	1.00	0.760 g	U	U	S21020537.D
TPH C4-C9	20,115	1.00	0.590 g	U	U	S21020537.D
TPH C10-C15	20,115	1.00	0.690 g	U	U	S21020537.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-34 **Sample Name:** PSG 32

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,132	1.00	0.810	U	U	S21020538.D
1,1-Dichloroethene	20,132	1.00	0.330	U	U	S21020538.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,132	1.00	0.890 g	U	U	S21020538.D
trans-1,2-Dichloroethene	20,132	1.00	0.440	U	U	S21020538.D
Methyl-t-butyl ether	20,132	1.00	0.500 g	U	U	S21020538.D
1,1-Dichloroethane	20,132	1.00	0.850	U	U	S21020538.D
cis-1,2-Dichloroethene	20,132	1.00	0.530	U	U	S21020538.D
Chloroform	20,132	1.00	0.350 g	U	U	S21020538.D
1,2-Dichloroethane	20,132	1.00	0.560	U	U	S21020538.D
1,1,1-Trichloroethane	20,132	1.00	1.050	U	U	S21020538.D
Carbon Tetrachloride	20,132	1.00	0.430 g	U	U	S21020538.D
Benzene	20,132	1.00	0.530	U	U	S21020538.D
Trichloroethene	20,132	1.00	0.330	28.00	4.21	S21020538.D
1,4-Dioxane	20,132	1.00	0.410 g	U	U	S21020538.D
1,1,2-Trichloroethane	20,132	1.00	0.330 g	U	U	S21020538.D
Toluene	20,132	1.00	0.400	U	U	S21020538.D
1,2-Dibromoethane (EDB)	20,132	1.00	0.390 g	U	U	S21020538.D
Tetrachloroethene	20,132	1.00	0.410	643.84	78.0	S21020538.D
1,1,1,2-Tetrachloroethane	20,132	1.00	0.410 g	U	U	S21020538.D
Chlorobenzene	20,132	1.00	0.850 g	U	U	S21020538.D
Ethylbenzene	20,132	1.00	0.850	U	U	S21020538.D
p & m-Xylene	20,132	1.00	0.880	U	U	S21020538.D
1,1,2,2-Tetrachloroethane	20,132	1.00	0.410 g	U	U	S21020538.D
o-Xylene	20,132	1.00	0.880	U	U	S21020538.D
1,2,3-Trichloropropane	20,132	1.00	0.750 g	U	U	S21020538.D
Isopropylbenzene	20,132	1.00	0.830 g	U	U	S21020538.D
1,3,5-Trimethylbenzene	20,132	1.00	0.830 g	U	U	S21020538.D
1,2,4-Trimethylbenzene	20,132	1.00	0.830 g	U	U	S21020538.D
1,3-Dichlorobenzene	20,132	1.00	0.750 g	U	U	S21020538.D
1,4-Dichlorobenzene	20,132	1.00	0.750 g	U	U	S21020538.D
1,2-Dichlorobenzene	20,132	1.00	0.750 g	U	U	S21020538.D
1,2,4-Trichlorobenzene	20,132	1.00	0.390 g	U	U	S21020538.D
Naphthalene	20,132	1.00	0.800 g	U	U	S21020538.D
1,2,3-Trichlorobenzene	20,132	1.00	0.390 g	U	U	S21020538.D
2-Methylnaphthalene	20,132	1.00	0.760 g	U	U	S21020538.D
TPH C4-C9	20,132	1.00	0.590 g	U	U	S21020538.D
TPH C10-C15	20,132	1.00	0.690 g	U	U	S21020538.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Lab ID: 0005610-35 **Sample Name:** PSG 33						
Vinyl Chloride	20,065	1.00	0.810	U	U	S21020539.D
1,1-Dichloroethene	20,065	1.00	0.330	13.67	2.06	S21020539.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,065	1.00	0.890 g	U	U	S21020539.D
trans-1,2-Dichloroethene	20,065	1.00	0.440	22.32	2.53	S21020539.D
Methyl-t-butyl ether	20,065	1.00	0.500 g	U	U	S21020539.D
1,1-Dichloroethane	20,065	1.00	0.850	U	U	S21020539.D
cis-1,2-Dichloroethene	20,065	1.00	0.530	134.74	12.7	S21020539.D
Chloroform	20,065	1.00	0.350 g	U	U	S21020539.D
1,2-Dichloroethane	20,065	1.00	0.560	U	U	S21020539.D
1,1,1-Trichloroethane	20,065	1.00	1.050	U	U	S21020539.D
Carbon Tetrachloride	20,065	1.00	0.430 g	U	U	S21020539.D
Benzene	20,065	1.00	0.530	U	U	S21020539.D
Trichloroethene	20,065	10.34	0.330	92.31	144	S21020825.D
1,4-Dioxane	20,065	1.00	0.410 g	U	U	S21020539.D
1,1,2-Trichloroethane	20,065	1.00	0.330 g	U	U	S21020539.D
Toluene	20,065	1.00	0.400	U	U	S21020539.D
1,2-Dibromoethane (EDB)	20,065	1.00	0.390 g	U	U	S21020539.D
Tetrachloroethene	20,065	10.34	0.410	428.25	538	S21020825.D
1,1,1,2-Tetrachloroethane	20,065	1.00	0.410 g	U	U	S21020539.D
Chlorobenzene	20,065	1.00	0.850 g	U	U	S21020539.D
Ethylbenzene	20,065	1.00	0.850	U	U	S21020539.D
p & m-Xylene	20,065	1.00	0.880	U	U	S21020539.D
1,1,2,2-Tetrachloroethane	20,065	1.00	0.410 g	U	U	S21020539.D
o-Xylene	20,065	1.00	0.880	U	U	S21020539.D
1,2,3-Trichloropropane	20,065	1.00	0.750 g	U	U	S21020539.D
Isopropylbenzene	20,065	1.00	0.830 g	U	U	S21020539.D
1,3,5-Trimethylbenzene	20,065	1.00	0.830 g	U	U	S21020539.D
1,2,4-Trimethylbenzene	20,065	1.00	0.830 g	U	U	S21020539.D
1,3-Dichlorobenzene	20,065	1.00	0.750 g	U	U	S21020539.D
1,4-Dichlorobenzene	20,065	1.00	0.750 g	U	U	S21020539.D
1,2-Dichlorobenzene	20,065	1.00	0.750 g	U	U	S21020539.D
1,2,4-Trichlorobenzene	20,065	1.00	0.390 g	U	U	S21020539.D
Naphthalene	20,065	1.00	0.800 g	U	U	S21020539.D
1,2,3-Trichlorobenzene	20,065	1.00	0.390 g	U	U	S21020539.D
2-Methylnaphthalene	20,065	1.00	0.760 g	U	U	S21020539.D
TPH C4-C9	20,065	1.00	0.590 g	U	U	S21020539.D
TPH C10-C15	20,065	1.00	0.690 g	5632.32	407	S21020539.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Lab ID: 0005610-36 **Sample Name:** PSG 34						
Vinyl Chloride	20,056	1.00	0.810	U	U	S21020540.D
1,1-Dichloroethene	20,056	1.00	0.330	U	U	S21020540.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,056	1.00	0.890 g	U	U	S21020540.D
trans-1,2-Dichloroethene	20,056	1.00	0.440	U	U	S21020540.D
Methyl-t-butyl ether	20,056	1.00	0.500 g	U	U	S21020540.D
1,1-Dichloroethane	20,056	1.00	0.850	U	U	S21020540.D
cis-1,2-Dichloroethene	20,056	1.00	0.530	12.46	1.17	S21020540.D
Chloroform	20,056	1.00	0.350 g	U	U	S21020540.D
1,2-Dichloroethane	20,056	1.00	0.560	U	U	S21020540.D
1,1,1-Trichloroethane	20,056	1.00	1.050	U	U	S21020540.D
Carbon Tetrachloride	20,056	1.00	0.430 g	U	U	S21020540.D
Benzene	20,056	1.00	0.530	41.29	3.88	S21020540.D
Trichloroethene	20,056	1.00	0.330	472.78	71.4	S21020540.D
1,4-Dioxane	20,056	1.00	0.410 g	U	U	S21020540.D
1,1,2-Trichloroethane	20,056	1.00	0.330 g	U	U	S21020540.D
Toluene	20,056	1.00	0.400	U	U	S21020540.D
1,2-Dibromoethane (EDB)	20,056	1.00	0.390 g	U	U	S21020540.D
Tetrachloroethene	20,056	10.34	0.410	740.59	931	S21020826.D
1,1,1,2-Tetrachloroethane	20,056	1.00	0.410 g	U	U	S21020540.D
Chlorobenzene	20,056	1.00	0.850 g	U	U	S21020540.D
Ethylbenzene	20,056	1.00	0.850	U	U	S21020540.D
p & m-Xylene	20,056	1.00	0.880	U	U	S21020540.D
1,1,2,2-Tetrachloroethane	20,056	1.00	0.410 g	U	U	S21020540.D
o-Xylene	20,056	1.00	0.880	U	U	S21020540.D
1,2,3-Trichloropropane	20,056	1.00	0.750 g	U	U	S21020540.D
Isopropylbenzene	20,056	1.00	0.830 g	U	U	S21020540.D
1,3,5-Trimethylbenzene	20,056	1.00	0.830 g	U	U	S21020540.D
1,2,4-Trimethylbenzene	20,056	1.00	0.830 g	U	U	S21020540.D
1,3-Dichlorobenzene	20,056	1.00	0.750 g	U	U	S21020540.D
1,4-Dichlorobenzene	20,056	1.00	0.750 g	U	U	S21020540.D
1,2-Dichlorobenzene	20,056	1.00	0.750 g	U	U	S21020540.D
1,2,4-Trichlorobenzene	20,056	1.00	0.390 g	U	U	S21020540.D
Naphthalene	20,056	1.00	0.800 g	U	U	S21020540.D
1,2,3-Trichlorobenzene	20,056	1.00	0.390 g	U	U	S21020540.D
2-Methylnaphthalene	20,056	1.00	0.760 g	U	U	S21020540.D
TPH C4-C9	20,056	1.00	0.590 g	U	U	S21020540.D
TPH C10-C15	20,056	1.00	0.690 g	U	U	S21020540.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Lab ID: 0005610-37 **Sample Name:** PSG 35						
Vinyl Chloride	20,099	1.00	0.810	U	U	S21020541.D
1,1-Dichloroethene	20,099	1.00	0.330	U	U	S21020541.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,099	1.00	0.890 g	U	U	S21020541.D
trans-1,2-Dichloroethene	20,099	1.00	0.440	U	U	S21020541.D
Methyl-t-butyl ether	20,099	1.00	0.500 g	U	U	S21020541.D
1,1-Dichloroethane	20,099	1.00	0.850	U	U	S21020541.D
cis-1,2-Dichloroethene	20,099	1.00	0.530	U	U	S21020541.D
Chloroform	20,099	1.00	0.350 g	U	U	S21020541.D
1,2-Dichloroethane	20,099	1.00	0.560	U	U	S21020541.D
1,1,1-Trichloroethane	20,099	1.00	1.050	U	U	S21020541.D
Carbon Tetrachloride	20,099	1.00	0.430 g	U	U	S21020541.D
Benzene	20,099	1.00	0.530	U	U	S21020541.D
Trichloroethene	20,099	1.00	0.330	101.09	15.2	S21020541.D
1,4-Dioxane	20,099	1.00	0.410 g	U	U	S21020541.D
1,1,2-Trichloroethane	20,099	1.00	0.330 g	U	U	S21020541.D
Toluene	20,099	1.00	0.400	U	U	S21020541.D
1,2-Dibromoethane (EDB)	20,099	1.00	0.390 g	U	U	S21020541.D
Tetrachloroethene	20,099	10.34	0.410	115.58	145	S21020827.D
1,1,1,2-Tetrachloroethane	20,099	1.00	0.410 g	U	U	S21020541.D
Chlorobenzene	20,099	1.00	0.850 g	U	U	S21020541.D
Ethylbenzene	20,099	1.00	0.850	U	U	S21020541.D
p & m-Xylene	20,099	1.00	0.880	U	U	S21020541.D
1,1,2,2-Tetrachloroethane	20,099	1.00	0.410 g	U	U	S21020541.D
o-Xylene	20,099	1.00	0.880	U	U	S21020541.D
1,2,3-Trichloropropane	20,099	1.00	0.750 g	U	U	S21020541.D
Isopropylbenzene	20,099	1.00	0.830 g	U	U	S21020541.D
1,3,5-Trimethylbenzene	20,099	1.00	0.830 g	U	U	S21020541.D
1,2,4-Trimethylbenzene	20,099	1.00	0.830 g	U	U	S21020541.D
1,3-Dichlorobenzene	20,099	1.00	0.750 g	U	U	S21020541.D
1,4-Dichlorobenzene	20,099	1.00	0.750 g	U	U	S21020541.D
1,2-Dichlorobenzene	20,099	1.00	0.750 g	U	U	S21020541.D
1,2,4-Trichlorobenzene	20,099	1.00	0.390 g	U	U	S21020541.D
Naphthalene	20,099	1.00	0.800 g	U	U	S21020541.D
1,2,3-Trichlorobenzene	20,099	1.00	0.390 g	U	U	S21020541.D
2-Methylnaphthalene	20,099	1.00	0.760 g	U	U	S21020541.D
TPH C4-C9	20,099	1.00	0.590 g	U	U	S21020541.D
TPH C10-C15	20,099	1.00	0.690 g	U	U	S21020541.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Lab ID: 0005610-38 **Sample Name:** PSG 36						
Vinyl Chloride	20,091	1.00	0.810	U	U	S21020542.D
1,1-Dichloroethene	20,091	1.00	0.330	U	U	S21020542.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,091	1.00	0.890 g	U	U	S21020542.D
trans-1,2-Dichloroethene	20,091	1.00	0.440	U	U	S21020542.D
Methyl-t-butyl ether	20,091	1.00	0.500 g	U	U	S21020542.D
1,1-Dichloroethane	20,091	1.00	0.850	U	U	S21020542.D
cis-1,2-Dichloroethene	20,091	1.00	0.530	U	U	S21020542.D
Chloroform	20,091	1.00	0.350 g	16.92	2.41	S21020542.D
1,2-Dichloroethane	20,091	1.00	0.560	U	U	S21020542.D
1,1,1-Trichloroethane	20,091	1.00	1.050	U	U	S21020542.D
Carbon Tetrachloride	20,091	1.00	0.430 g	U	U	S21020542.D
Benzene	20,091	1.00	0.530	U	U	S21020542.D
Trichloroethene	20,091	1.00	0.330	U	U	S21020542.D
1,4-Dioxane	20,091	1.00	0.410 g	U	U	S21020542.D
1,1,2-Trichloroethane	20,091	1.00	0.330 g	U	U	S21020542.D
Toluene	20,091	1.00	0.400	U	U	S21020542.D
1,2-Dibromoethane (EDB)	20,091	1.00	0.390 g	U	U	S21020542.D
Tetrachloroethene	20,091	1.00	0.410	76.08	9.24	S21020542.D
1,1,1,2-Tetrachloroethane	20,091	1.00	0.410 g	U	U	S21020542.D
Chlorobenzene	20,091	1.00	0.850 g	U	U	S21020542.D
Ethylbenzene	20,091	1.00	0.850	U	U	S21020542.D
p & m-Xylene	20,091	1.00	0.880	U	U	S21020542.D
1,1,2,2-Tetrachloroethane	20,091	1.00	0.410 g	U	U	S21020542.D
o-Xylene	20,091	1.00	0.880	U	U	S21020542.D
1,2,3-Trichloropropane	20,091	1.00	0.750 g	U	U	S21020542.D
Isopropylbenzene	20,091	1.00	0.830 g	U	U	S21020542.D
1,3,5-Trimethylbenzene	20,091	1.00	0.830 g	U	U	S21020542.D
1,2,4-Trimethylbenzene	20,091	1.00	0.830 g	U	U	S21020542.D
1,3-Dichlorobenzene	20,091	1.00	0.750 g	U	U	S21020542.D
1,4-Dichlorobenzene	20,091	1.00	0.750 g	U	U	S21020542.D
1,2-Dichlorobenzene	20,091	1.00	0.750 g	U	U	S21020542.D
1,2,4-Trichlorobenzene	20,091	1.00	0.390 g	U	U	S21020542.D
Naphthalene	20,091	1.00	0.800 g	U	U	S21020542.D
1,2,3-Trichlorobenzene	20,091	1.00	0.390 g	U	U	S21020542.D
2-Methylnaphthalene	20,091	1.00	0.760 g	U	U	S21020542.D
TPH C4-C9	20,091	1.00	0.590 g	U	U	S21020542.D
TPH C10-C15	20,091	1.00	0.690 g	U	U	S21020542.D

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-39 **Sample Name:** PSG 37

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,086	1.00	0.810	U	U	S21020543.D
1,1-Dichloroethene	20,086	1.00	0.330	U	U	S21020543.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,086	1.00	0.890 g	U	U	S21020543.D
trans-1,2-Dichloroethene	20,086	1.00	0.440	U	U	S21020543.D
Methyl-t-butyl ether	20,086	1.00	0.500 g	U	U	S21020543.D
1,1-Dichloroethane	20,086	1.00	0.850	U	U	S21020543.D
cis-1,2-Dichloroethene	20,086	1.00	0.530	U	U	S21020543.D
Chloroform	20,086	1.00	0.350 g	U	U	S21020543.D
1,2-Dichloroethane	20,086	1.00	0.560	U	U	S21020543.D
1,1,1-Trichloroethane	20,086	1.00	1.050	U	U	S21020543.D
Carbon Tetrachloride	20,086	1.00	0.430 g	U	U	S21020543.D
Benzene	20,086	1.00	0.530	U	U	S21020543.D
Trichloroethene	20,086	1.00	0.330	U	U	S21020543.D
1,4-Dioxane	20,086	1.00	0.410 g	U	U	S21020543.D
1,1,2-Trichloroethane	20,086	1.00	0.330 g	U	U	S21020543.D
Toluene	20,086	1.00	0.400	U	U	S21020543.D
1,2-Dibromoethane (EDB)	20,086	1.00	0.390 g	U	U	S21020543.D
Tetrachloroethene	20,086	1.00	0.410	37.90	4.60	S21020543.D
1,1,1,2-Tetrachloroethane	20,086	1.00	0.410 g	U	U	S21020543.D
Chlorobenzene	20,086	1.00	0.850 g	U	U	S21020543.D
Ethylbenzene	20,086	1.00	0.850	U	U	S21020543.D
p & m-Xylene	20,086	1.00	0.880	U	U	S21020543.D
1,1,2,2-Tetrachloroethane	20,086	1.00	0.410 g	U	U	S21020543.D
o-Xylene	20,086	1.00	0.880	U	U	S21020543.D
1,2,3-Trichloropropane	20,086	1.00	0.750 g	U	U	S21020543.D
Isopropylbenzene	20,086	1.00	0.830 g	U	U	S21020543.D
1,3,5-Trimethylbenzene	20,086	1.00	0.830 g	U	U	S21020543.D
1,2,4-Trimethylbenzene	20,086	1.00	0.830 g	U	U	S21020543.D
1,3-Dichlorobenzene	20,086	1.00	0.750 g	U	U	S21020543.D
1,4-Dichlorobenzene	20,086	1.00	0.750 g	U	U	S21020543.D
1,2-Dichlorobenzene	20,086	1.00	0.750 g	U	U	S21020543.D
1,2,4-Trichlorobenzene	20,086	1.00	0.390 g	U	U	S21020543.D
Naphthalene	20,086	1.00	0.800 g	U	U	S21020543.D
1,2,3-Trichlorobenzene	20,086	1.00	0.390 g	U	U	S21020543.D
2-Methylnaphthalene	20,086	1.00	0.760 g	U	U	S21020543.D
TPH C4-C9	20,086	1.00	0.590 g	U	U	S21020543.D
TPH C10-C15	20,086	1.00	0.690 g	U	U	S21020543.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-40 **Sample Name:** PSG 38

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,081	1.00	0.810	U	U	S21020544.D
1,1-Dichloroethene	20,081	1.00	0.330	U	U	S21020544.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,081	1.00	0.890 g	U	U	S21020544.D
trans-1,2-Dichloroethene	20,081	1.00	0.440	U	U	S21020544.D
Methyl-t-butyl ether	20,081	1.00	0.500 g	U	U	S21020544.D
1,1-Dichloroethane	20,081	1.00	0.850	U	U	S21020544.D
cis-1,2-Dichloroethene	20,081	1.00	0.530	U	U	S21020544.D
Chloroform	20,081	1.00	0.350 g	U	U	S21020544.D
1,2-Dichloroethane	20,081	1.00	0.560	U	U	S21020544.D
1,1,1-Trichloroethane	20,081	1.00	1.050	U	U	S21020544.D
Carbon Tetrachloride	20,081	1.00	0.430 g	U	U	S21020544.D
Benzene	20,081	1.00	0.530	U	U	S21020544.D
Trichloroethene	20,081	1.00	0.330	U	U	S21020544.D
1,4-Dioxane	20,081	1.00	0.410 g	U	U	S21020544.D
1,1,2-Trichloroethane	20,081	1.00	0.330 g	U	U	S21020544.D
Toluene	20,081	1.00	0.400	U	U	S21020544.D
1,2-Dibromoethane (EDB)	20,081	1.00	0.390 g	U	U	S21020544.D
Tetrachloroethene	20,081	1.00	0.410	U	U	S21020544.D
1,1,1,2-Tetrachloroethane	20,081	1.00	0.410 g	U	U	S21020544.D
Chlorobenzene	20,081	1.00	0.850 g	U	U	S21020544.D
Ethylbenzene	20,081	1.00	0.850	U	U	S21020544.D
p & m-Xylene	20,081	1.00	0.880	U	U	S21020544.D
1,1,2,2-Tetrachloroethane	20,081	1.00	0.410 g	U	U	S21020544.D
o-Xylene	20,081	1.00	0.880	U	U	S21020544.D
1,2,3-Trichloropropane	20,081	1.00	0.750 g	U	U	S21020544.D
Isopropylbenzene	20,081	1.00	0.830 g	U	U	S21020544.D
1,3,5-Trimethylbenzene	20,081	1.00	0.830 g	U	U	S21020544.D
1,2,4-Trimethylbenzene	20,081	1.00	0.830 g	U	U	S21020544.D
1,3-Dichlorobenzene	20,081	1.00	0.750 g	U	U	S21020544.D
1,4-Dichlorobenzene	20,081	1.00	0.750 g	U	U	S21020544.D
1,2-Dichlorobenzene	20,081	1.00	0.750 g	U	U	S21020544.D
1,2,4-Trichlorobenzene	20,081	1.00	0.390 g	U	U	S21020544.D
Naphthalene	20,081	1.00	0.800 g	U	U	S21020544.D
1,2,3-Trichlorobenzene	20,081	1.00	0.390 g	U	U	S21020544.D
2-Methylnaphthalene	20,081	1.00	0.760 g	U	U	S21020544.D
TPH C4-C9	20,081	1.00	0.590 g	U	U	S21020544.D
TPH C10-C15	20,081	1.00	0.690 g	U	U	S21020544.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-41 **Sample Name:** PSG 39

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,076	1.00	0.810	U	U	S21020545.D
1,1-Dichloroethene	20,076	1.00	0.330	U	U	S21020545.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,076	1.00	0.890 g	U	U	S21020545.D
trans-1,2-Dichloroethene	20,076	1.00	0.440	U	U	S21020545.D
Methyl-t-butyl ether	20,076	1.00	0.500 g	U	U	S21020545.D
1,1-Dichloroethane	20,076	1.00	0.850	U	U	S21020545.D
cis-1,2-Dichloroethene	20,076	1.00	0.530	U	U	S21020545.D
Chloroform	20,076	1.00	0.350 g	U	U	S21020545.D
1,2-Dichloroethane	20,076	1.00	0.560	U	U	S21020545.D
1,1,1-Trichloroethane	20,076	1.00	1.050	U	U	S21020545.D
Carbon Tetrachloride	20,076	1.00	0.430 g	U	U	S21020545.D
Benzene	20,076	1.00	0.530	U	U	S21020545.D
Trichloroethene	20,076	1.00	0.330	U	U	S21020545.D
1,4-Dioxane	20,076	1.00	0.410 g	U	U	S21020545.D
1,1,2-Trichloroethane	20,076	1.00	0.330 g	U	U	S21020545.D
Toluene	20,076	1.00	0.400	U	U	S21020545.D
1,2-Dibromoethane (EDB)	20,076	1.00	0.390 g	U	U	S21020545.D
Tetrachloroethene	20,076	1.00	0.410	U	U	S21020545.D
1,1,1,2-Tetrachloroethane	20,076	1.00	0.410 g	U	U	S21020545.D
Chlorobenzene	20,076	1.00	0.850 g	U	U	S21020545.D
Ethylbenzene	20,076	1.00	0.850	U	U	S21020545.D
p & m-Xylene	20,076	1.00	0.880	U	U	S21020545.D
1,1,2,2-Tetrachloroethane	20,076	1.00	0.410 g	U	U	S21020545.D
o-Xylene	20,076	1.00	0.880	U	U	S21020545.D
1,2,3-Trichloropropane	20,076	1.00	0.750 g	U	U	S21020545.D
Isopropylbenzene	20,076	1.00	0.830 g	U	U	S21020545.D
1,3,5-Trimethylbenzene	20,076	1.00	0.830 g	U	U	S21020545.D
1,2,4-Trimethylbenzene	20,076	1.00	0.830 g	U	U	S21020545.D
1,3-Dichlorobenzene	20,076	1.00	0.750 g	U	U	S21020545.D
1,4-Dichlorobenzene	20,076	1.00	0.750 g	U	U	S21020545.D
1,2-Dichlorobenzene	20,076	1.00	0.750 g	U	U	S21020545.D
1,2,4-Trichlorobenzene	20,076	1.00	0.390 g	U	U	S21020545.D
Naphthalene	20,076	1.00	0.800 g	U	U	S21020545.D
1,2,3-Trichlorobenzene	20,076	1.00	0.390 g	U	U	S21020545.D
2-Methylnaphthalene	20,076	1.00	0.760 g	U	U	S21020545.D
TPH C4-C9	20,076	1.00	0.590 g	U	U	S21020545.D
TPH C10-C15	20,076	1.00	0.690 g	U	U	S21020545.D

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Result Calculation Summary (Concentration)

EPA 8260C

Lab ID: 0005610-42 **Sample Name:** PSG 20 Dup

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial Result ng	C Calculated Result µg/m³	File ID
Vinyl Chloride	20,045	1.00	0.810	U	U	S21020805.D
1,1-Dichloroethene	20,045	1.00	0.330	U	U	S21020805.D
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,045	1.00	0.890 g	U	U	S21020805.D
trans-1,2-Dichloroethene	20,045	1.00	0.440	U	U	S21020805.D
Methyl-t-butyl ether	20,045	1.00	0.500 g	U	U	S21020805.D
1,1-Dichloroethane	20,045	1.00	0.850	U	U	S21020805.D
cis-1,2-Dichloroethene	20,045	1.00	0.530	87.17	8.21	S21020805.D
Chloroform	20,045	1.00	0.350 g	U	U	S21020805.D
1,2-Dichloroethane	20,045	1.00	0.560	U	U	S21020805.D
1,1,1-Trichloroethane	20,045	1.00	1.050	U	U	S21020805.D
Carbon Tetrachloride	20,045	1.00	0.430 g	U	U	S21020805.D
Benzene	20,045	1.00	0.530	29.88	2.81	S21020805.D
Trichloroethene	20,045	10.34	0.330	147.74	231	S21020905.D
1,4-Dioxane	20,045	1.00	0.410 g	U	U	S21020805.D
1,1,2-Trichloroethane	20,045	1.00	0.330 g	U	U	S21020805.D
Toluene	20,045	1.00	0.400	25.01	3.12	S21020805.D
1,2-Dibromoethane (EDB)	20,045	1.00	0.390 g	U	U	S21020805.D
Tetrachloroethene	20,045	84.84	0.410	473.48	4,890	S21020933.D
1,1,1,2-Tetrachloroethane	20,045	1.00	0.410 g	U	U	S21020805.D
Chlorobenzene	20,045	1.00	0.850 g	U	U	S21020805.D
Ethylbenzene	20,045	1.00	0.850	391.38	23.0	S21020805.D
p & m-Xylene	20,045	10.34	0.880	148.22	86.9	S21020905.D
1,1,2,2-Tetrachloroethane	20,045	1.00	0.410 g	U	U	S21020805.D
o-Xylene	20,045	1.00	0.880	520.90	29.5	S21020805.D
1,2,3-Trichloropropane	20,045	1.00	0.750 g	U	U	S21020805.D
Isopropylbenzene	20,045	1.00	0.830 g	U	U	S21020805.D
1,3,5-Trimethylbenzene	20,045	1.00	0.830 g	U	U	S21020805.D
1,2,4-Trimethylbenzene	20,045	1.00	0.830 g	50.66	3.04	S21020805.D
1,3-Dichlorobenzene	20,045	1.00	0.750 g	U	U	S21020805.D
1,4-Dichlorobenzene	20,045	1.00	0.750 g	U	U	S21020805.D
1,2-Dichlorobenzene	20,045	1.00	0.750 g	U	U	S21020805.D
1,2,4-Trichlorobenzene	20,045	1.00	0.390 g	U	U	S21020805.D
Naphthalene	20,045	1.00	0.800 g	U	U	S21020805.D
1,2,3-Trichlorobenzene	20,045	1.00	0.390 g	U	U	S21020805.D
2-Methylnaphthalene	20,045	1.00	0.760 g	U	U	S21020805.D
TPH C4-C9	20,045	1.00	0.590 g	U	U	S21020805.D
TPH C10-C15	20,045	1.00	0.690 g	5210.54	377	S21020805.D

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Calculations:

$$C = \frac{1000 \times M \times DF}{U \times t}$$

where: C = concentration ($\mu g/m^3$)
M = mass (ng)
DF = dilution factor
t = sampling time (minutes)
U = compound specific uptake rate

[g] Uptake rate determined using Graham's Law of Diffusion.

Reference: Federal Register/Vol. 79, No. 125/June 30, 2014

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-01 **Sample Name:** Trip 1

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,170	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,170	1.00	0.330	10.0	1.50
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,170	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,170	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,170	1.00	0.500 g	25.0	2.48
1,1-Dichloroethane	20,170	1.00	0.850	10.0	0.58
cis-1,2-Dichloroethene	20,170	1.00	0.530	10.0	0.94
Chloroform	20,170	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,170	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,170	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,170	1.00	0.430 g	10.0	1.15
Benzene	20,170	1.00	0.530	25.0	2.34
Trichloroethene	20,170	1.00	0.330	10.0	1.50
1,4-Dioxane	20,170	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,170	1.00	0.330 g	10.0	1.50
Toluene	20,170	1.00	0.400	25.0	3.10
1,2-Dibromoethane (EDB)	20,170	1.00	0.390 g	10.0	1.27
Tetrachloroethene	20,170	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,170	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,170	1.00	0.850 g	10.0	0.58
Ethylbenzene	20,170	1.00	0.850	25.0	1.46
p & m-Xylene	20,170	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,170	1.00	0.410 g	10.0	1.21
o-Xylene	20,170	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,170	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,170	1.00	0.830 g	25.0	1.49
1,3,5-Trimethylbenzene	20,170	1.00	0.830 g	25.0	1.49
1,2,4-Trimethylbenzene	20,170	1.00	0.830 g	25.0	1.49
1,3-Dichlorobenzene	20,170	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,170	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,170	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,170	1.00	0.390 g	10.0	1.27
Naphthalene	20,170	1.00	0.800 g	25.0	1.55
1,2,3-Trichlorobenzene	20,170	1.00	0.390 g	10.0	1.27
2-Methylnaphthalene	20,170	1.00	0.760 g	25.0	1.63
TPH C4-C9	20,170	1.00	0.590 g	5,000.0	420
TPH C10-C15	20,170	1.00	0.690 g	5,000.0	359

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-02 **Sample Name:** Trip 2

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,170	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,170	1.00	0.330	10.0	1.50
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,170	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,170	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,170	1.00	0.500 g	25.0	2.48
1,1-Dichloroethane	20,170	1.00	0.850	10.0	0.58
cis-1,2-Dichloroethene	20,170	1.00	0.530	10.0	0.94
Chloroform	20,170	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,170	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,170	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,170	1.00	0.430 g	10.0	1.15
Benzene	20,170	1.00	0.530	25.0	2.34
Trichloroethene	20,170	1.00	0.330	10.0	1.50
1,4-Dioxane	20,170	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,170	1.00	0.330 g	10.0	1.50
Toluene	20,170	1.00	0.400	25.0	3.10
1,2-Dibromoethane (EDB)	20,170	1.00	0.390 g	10.0	1.27
Tetrachloroethene	20,170	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,170	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,170	1.00	0.850 g	10.0	0.58
Ethylbenzene	20,170	1.00	0.850	25.0	1.46
p & m-Xylene	20,170	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,170	1.00	0.410 g	10.0	1.21
o-Xylene	20,170	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,170	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,170	1.00	0.830 g	25.0	1.49
1,3,5-Trimethylbenzene	20,170	1.00	0.830 g	25.0	1.49
1,2,4-Trimethylbenzene	20,170	1.00	0.830 g	25.0	1.49
1,3-Dichlorobenzene	20,170	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,170	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,170	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,170	1.00	0.390 g	10.0	1.27
Naphthalene	20,170	1.00	0.800 g	25.0	1.55
1,2,3-Trichlorobenzene	20,170	1.00	0.390 g	10.0	1.27
2-Methylnaphthalene	20,170	1.00	0.760 g	25.0	1.63
TPH C4-C9	20,170	1.00	0.590 g	5,000.0	420
TPH C10-C15	20,170	1.00	0.690 g	5,000.0	359

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-03 **Sample Name:** PSG 1

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,086	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,086	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,086	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,086	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,086	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,086	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,086	10.34	0.530	10.0	9.71
Chloroform	20,086	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,086	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,086	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,086	1.00	0.430 g	10.0	1.16
Benzene	20,086	1.00	0.530	25.0	2.35
Trichloroethene	20,086	1.00	0.330	10.0	1.51
1,4-Dioxane	20,086	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,086	1.00	0.330 g	10.0	1.51
Toluene	20,086	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,086	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,086	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,086	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,086	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,086	10.34	0.850	25.0	15.1
p & m-Xylene	20,086	10.34	0.880	25.0	14.6
1,1,2,2-Tetrachloroethane	20,086	1.00	0.410 g	10.0	1.21
o-Xylene	20,086	10.34	0.880	25.0	14.6
1,2,3-Trichloropropane	20,086	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,086	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,086	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,086	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,086	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,086	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,086	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,086	1.00	0.390 g	10.0	1.28
Naphthalene	20,086	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,086	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,086	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,086	1.00	0.590 g	5,000.0	422
TPH C10-C15	20,086	1.00	0.690 g	5,000.0	361

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-04 **Sample Name:** PSG 2

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,072	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,072	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,072	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,072	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,072	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,072	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,072	1.00	0.530	10.0	0.94
Chloroform	20,072	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,072	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,072	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,072	1.00	0.430 g	10.0	1.16
Benzene	20,072	1.00	0.530	25.0	2.35
Trichloroethene	20,072	1.00	0.330	10.0	1.51
1,4-Dioxane	20,072	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,072	1.00	0.330 g	10.0	1.51
Toluene	20,072	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,072	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,072	1.00	0.410	10.0	1.22
1,1,1,2-Tetrachloroethane	20,072	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,072	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,072	10.34	0.850	25.0	15.2
p & m-Xylene	20,072	10.34	0.880	25.0	14.6
1,1,2,2-Tetrachloroethane	20,072	1.00	0.410 g	10.0	1.22
o-Xylene	20,072	10.34	0.880	25.0	14.6
1,2,3-Trichloropropane	20,072	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,072	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,072	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,072	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,072	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,072	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,072	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,072	1.00	0.390 g	10.0	1.28
Naphthalene	20,072	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,072	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,072	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,072	1.00	0.590 g	5,000.0	422
TPH C10-C15	20,072	1.00	0.690 g	5,000.0	361

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-05 **Sample Name:** PSG 3

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,067	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,067	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,067	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,067	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,067	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,067	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,067	1.00	0.530	10.0	0.94
Chloroform	20,067	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,067	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,067	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,067	1.00	0.430 g	10.0	1.16
Benzene	20,067	1.00	0.530	25.0	2.35
Trichloroethene	20,067	1.00	0.330	10.0	1.51
1,4-Dioxane	20,067	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,067	1.00	0.330 g	10.0	1.51
Toluene	20,067	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,067	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,067	1.00	0.410	10.0	1.22
1,1,1,2-Tetrachloroethane	20,067	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,067	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,067	10.34	0.850	25.0	15.2
p & m-Xylene	20,067	10.34	0.880	25.0	14.6
1,1,2,2-Tetrachloroethane	20,067	1.00	0.410 g	10.0	1.22
o-Xylene	20,067	10.34	0.880	25.0	14.6
1,2,3-Trichloropropane	20,067	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,067	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,067	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,067	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,067	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,067	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,067	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,067	1.00	0.390 g	10.0	1.28
Naphthalene	20,067	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,067	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,067	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,067	1.00	0.590 g	5,000.0	422
TPH C10-C15	20,067	1.00	0.690 g	5,000.0	361

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-06 **Sample Name:** PSG 4

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,061	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,061	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,061	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,061	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,061	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,061	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,061	1.00	0.530	10.0	0.94
Chloroform	20,061	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,061	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,061	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,061	1.00	0.430 g	10.0	1.16
Benzene	20,061	1.00	0.530	25.0	2.35
Trichloroethene	20,061	1.00	0.330	10.0	1.51
1,4-Dioxane	20,061	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,061	1.00	0.330 g	10.0	1.51
Toluene	20,061	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,061	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,061	1.00	0.410	10.0	1.22
1,1,1,2-Tetrachloroethane	20,061	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,061	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,061	1.00	0.850	25.0	1.47
p & m-Xylene	20,061	1.00	0.880	25.0	1.42
1,1,2,2-Tetrachloroethane	20,061	1.00	0.410 g	10.0	1.22
o-Xylene	20,061	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,061	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,061	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,061	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,061	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,061	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,061	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,061	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,061	1.00	0.390 g	10.0	1.28
Naphthalene	20,061	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,061	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,061	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,061	1.00	0.590 g	5,000.0	422
TPH C10-C15	20,061	1.00	0.690 g	5,000.0	361

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-07 **Sample Name:** PSG 5

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,057	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,057	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,057	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,057	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,057	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,057	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,057	1.00	0.530	10.0	0.94
Chloroform	20,057	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,057	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,057	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,057	1.00	0.430 g	10.0	1.16
Benzene	20,057	1.00	0.530	25.0	2.35
Trichloroethene	20,057	1.00	0.330	10.0	1.51
1,4-Dioxane	20,057	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,057	1.00	0.330 g	10.0	1.51
Toluene	20,057	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,057	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,057	1.00	0.410	10.0	1.22
1,1,1,2-Tetrachloroethane	20,057	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,057	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,057	1.00	0.850	25.0	1.47
p & m-Xylene	20,057	1.00	0.880	25.0	1.42
1,1,2,2-Tetrachloroethane	20,057	1.00	0.410 g	10.0	1.22
o-Xylene	20,057	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,057	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,057	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,057	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,057	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,057	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,057	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,057	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,057	1.00	0.390 g	10.0	1.28
Naphthalene	20,057	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,057	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,057	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,057	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,057	1.00	0.690 g	5,000.0	361

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-08 **Sample Name:** PSG 6

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,055	10.34	0.810	10.0	6.37
1,1-Dichloroethene	20,055	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,055	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,055	10.34	0.440	10.0	11.7
Methyl-t-butyl ether	20,055	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,055	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,055	10.34	0.530	10.0	9.73
Chloroform	20,055	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,055	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,055	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,055	1.00	0.430 g	10.0	1.16
Benzene	20,055	1.00	0.530	25.0	2.35
Trichloroethene	20,055	10.34	0.330	10.0	15.6
1,4-Dioxane	20,055	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,055	1.00	0.330 g	10.0	1.51
Toluene	20,055	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,055	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,055	1.00	0.410	10.0	1.22
1,1,1,2-Tetrachloroethane	20,055	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,055	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,055	1.00	0.850	25.0	1.47
p & m-Xylene	20,055	10.34	0.880	25.0	14.6
1,1,2,2-Tetrachloroethane	20,055	1.00	0.410 g	10.0	1.22
o-Xylene	20,055	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,055	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,055	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,055	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,055	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,055	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,055	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,055	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,055	1.00	0.390 g	10.0	1.28
Naphthalene	20,055	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,055	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,055	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,055	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,055	1.00	0.690 g	5,000.0	361

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-09 **Sample Name:** PSG 7

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,053	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,053	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,053	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,053	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,053	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,053	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,053	10.34	0.530	10.0	9.73
Chloroform	20,053	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,053	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,053	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,053	1.00	0.430 g	10.0	1.16
Benzene	20,053	1.00	0.530	25.0	2.35
Trichloroethene	20,053	1.00	0.330	10.0	1.51
1,4-Dioxane	20,053	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,053	1.00	0.330 g	10.0	1.51
Toluene	20,053	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,053	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,053	1.00	0.410	10.0	1.22
1,1,1,2-Tetrachloroethane	20,053	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,053	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,053	1.00	0.850	25.0	1.47
p & m-Xylene	20,053	10.34	0.880	25.0	14.6
1,1,2,2-Tetrachloroethane	20,053	1.00	0.410 g	10.0	1.22
o-Xylene	20,053	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,053	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,053	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,053	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,053	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,053	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,053	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,053	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,053	1.00	0.390 g	10.0	1.28
Naphthalene	20,053	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,053	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,053	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,053	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,053	1.00	0.690 g	5,000.0	361

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-10 **Sample Name:** PSG 8

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,050	10.34	0.810	10.0	6.37
1,1-Dichloroethene	20,050	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,050	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,050	10.34	0.440	10.0	11.7
Methyl-t-butyl ether	20,050	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,050	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,050	10.34	0.530	10.0	9.73
Chloroform	20,050	1.00	0.350 g	10.0	1.43
1,2-Dichloroethane	20,050	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,050	1.00	1.050	10.0	0.48
Carbon Tetrachloride	20,050	1.00	0.430 g	10.0	1.16
Benzene	20,050	1.00	0.530	25.0	2.35
Trichloroethene	20,050	1.00	0.330	10.0	1.51
1,4-Dioxane	20,050	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,050	1.00	0.330 g	10.0	1.51
Toluene	20,050	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,050	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,050	1.00	0.410	10.0	1.22
1,1,1,2-Tetrachloroethane	20,050	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,050	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,050	1.00	0.850	25.0	1.47
p & m-Xylene	20,050	10.34	0.880	25.0	14.7
1,1,2,2-Tetrachloroethane	20,050	1.00	0.410 g	10.0	1.22
o-Xylene	20,050	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,050	1.00	0.750 g	10.0	0.67
Isopropylbenzene	20,050	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,050	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,050	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,050	1.00	0.750 g	10.0	0.67
1,4-Dichlorobenzene	20,050	1.00	0.750 g	10.0	0.67
1,2-Dichlorobenzene	20,050	1.00	0.750 g	10.0	0.67
1,2,4-Trichlorobenzene	20,050	1.00	0.390 g	10.0	1.28
Naphthalene	20,050	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,050	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,050	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,050	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,050	1.00	0.690 g	5,000.0	361

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-11 **Sample Name:** PSG 9

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,170	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,170	1.00	0.330	10.0	1.50
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,170	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,170	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,170	1.00	0.500 g	25.0	2.48
1,1-Dichloroethane	20,170	1.00	0.850	10.0	0.58
cis-1,2-Dichloroethene	20,170	1.00	0.530	10.0	0.94
Chloroform	20,170	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,170	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,170	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,170	1.00	0.430 g	10.0	1.15
Benzene	20,170	1.00	0.530	25.0	2.34
Trichloroethene	20,170	1.00	0.330	10.0	1.50
1,4-Dioxane	20,170	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,170	1.00	0.330 g	10.0	1.50
Toluene	20,170	1.00	0.400	25.0	3.10
1,2-Dibromoethane (EDB)	20,170	1.00	0.390 g	10.0	1.27
Tetrachloroethene	20,170	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,170	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,170	1.00	0.850 g	10.0	0.58
Ethylbenzene	20,170	1.00	0.850	25.0	1.46
p & m-Xylene	20,170	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,170	1.00	0.410 g	10.0	1.21
o-Xylene	20,170	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,170	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,170	1.00	0.830 g	25.0	1.49
1,3,5-Trimethylbenzene	20,170	1.00	0.830 g	25.0	1.49
1,2,4-Trimethylbenzene	20,170	1.00	0.830 g	25.0	1.49
1,3-Dichlorobenzene	20,170	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,170	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,170	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,170	1.00	0.390 g	10.0	1.27
Naphthalene	20,170	1.00	0.800 g	25.0	1.55
1,2,3-Trichlorobenzene	20,170	1.00	0.390 g	10.0	1.27
2-Methylnaphthalene	20,170	1.00	0.760 g	25.0	1.63
TPH C4-C9	20,170	1.00	0.590 g	5,000.0	420
TPH C10-C15	20,170	1.00	0.690 g	5,000.0	359

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-12 **Sample Name:** PSG 10

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,037	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,037	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,037	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,037	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,037	1.00	0.500 g	25.0	2.50
1,1-Dichloroethane	20,037	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,037	1.00	0.530	10.0	0.94
Chloroform	20,037	1.00	0.350 g	10.0	1.43
1,2-Dichloroethane	20,037	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,037	1.00	1.050	10.0	0.48
Carbon Tetrachloride	20,037	1.00	0.430 g	10.0	1.16
Benzene	20,037	1.00	0.530	25.0	2.35
Trichloroethene	20,037	1.00	0.330	10.0	1.51
1,4-Dioxane	20,037	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,037	1.00	0.330 g	10.0	1.51
Toluene	20,037	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,037	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,037	1.00	0.410	10.0	1.22
1,1,1,2-Tetrachloroethane	20,037	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,037	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,037	10.34	0.850	25.0	15.2
p & m-Xylene	20,037	10.34	0.880	25.0	14.7
1,1,2,2-Tetrachloroethane	20,037	1.00	0.410 g	10.0	1.22
o-Xylene	20,037	10.34	0.880	25.0	14.7
1,2,3-Trichloropropane	20,037	1.00	0.750 g	10.0	0.67
Isopropylbenzene	20,037	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,037	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,037	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,037	1.00	0.750 g	10.0	0.67
1,4-Dichlorobenzene	20,037	1.00	0.750 g	10.0	0.67
1,2-Dichlorobenzene	20,037	1.00	0.750 g	10.0	0.67
1,2,4-Trichlorobenzene	20,037	1.00	0.390 g	10.0	1.28
Naphthalene	20,037	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,037	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,037	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,037	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,037	1.00	0.690 g	5,000.0	362

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-13 **Sample Name:** PSG 11

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,032	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,032	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,032	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,032	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,032	1.00	0.500 g	25.0	2.50
1,1-Dichloroethane	20,032	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,032	1.00	0.530	10.0	0.94
Chloroform	20,032	1.00	0.350 g	10.0	1.43
1,2-Dichloroethane	20,032	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,032	1.00	1.050	10.0	0.48
Carbon Tetrachloride	20,032	1.00	0.430 g	10.0	1.16
Benzene	20,032	1.00	0.530	25.0	2.35
Trichloroethene	20,032	1.00	0.330	10.0	1.51
1,4-Dioxane	20,032	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,032	1.00	0.330 g	10.0	1.51
Toluene	20,032	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,032	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,032	1.00	0.410	10.0	1.22
1,1,1,2-Tetrachloroethane	20,032	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,032	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,032	1.00	0.850	25.0	1.47
p & m-Xylene	20,032	10.34	0.880	25.0	14.7
1,1,2,2-Tetrachloroethane	20,032	1.00	0.410 g	10.0	1.22
o-Xylene	20,032	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,032	1.00	0.750 g	10.0	0.67
Isopropylbenzene	20,032	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,032	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,032	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,032	1.00	0.750 g	10.0	0.67
1,4-Dichlorobenzene	20,032	1.00	0.750 g	10.0	0.67
1,2-Dichlorobenzene	20,032	1.00	0.750 g	10.0	0.67
1,2,4-Trichlorobenzene	20,032	1.00	0.390 g	10.0	1.28
Naphthalene	20,032	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,032	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,032	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,032	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,032	1.00	0.690 g	5,000.0	362

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-14 **Sample Name:** PSG 12

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,032	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,032	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,032	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,032	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,032	1.00	0.500 g	25.0	2.50
1,1-Dichloroethane	20,032	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,032	1.00	0.530	10.0	0.94
Chloroform	20,032	1.00	0.350 g	10.0	1.43
1,2-Dichloroethane	20,032	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,032	1.00	1.050	10.0	0.48
Carbon Tetrachloride	20,032	1.00	0.430 g	10.0	1.16
Benzene	20,032	1.00	0.530	25.0	2.35
Trichloroethene	20,032	10.34	0.330	10.0	15.6
1,4-Dioxane	20,032	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,032	1.00	0.330 g	10.0	1.51
Toluene	20,032	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,032	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,032	84.84	0.410	10.0	103
1,1,1,2-Tetrachloroethane	20,032	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,032	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,032	1.00	0.850	25.0	1.47
p & m-Xylene	20,032	10.34	0.880	25.0	14.7
1,1,2,2-Tetrachloroethane	20,032	1.00	0.410 g	10.0	1.22
o-Xylene	20,032	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,032	1.00	0.750 g	10.0	0.67
Isopropylbenzene	20,032	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,032	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,032	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,032	1.00	0.750 g	10.0	0.67
1,4-Dichlorobenzene	20,032	1.00	0.750 g	10.0	0.67
1,2-Dichlorobenzene	20,032	1.00	0.750 g	10.0	0.67
1,2,4-Trichlorobenzene	20,032	1.00	0.390 g	10.0	1.28
Naphthalene	20,032	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,032	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,032	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,032	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,032	1.00	0.690 g	5,000.0	362

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-15 **Sample Name:** PSG 13

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,038	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,038	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,038	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,038	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,038	1.00	0.500 g	25.0	2.50
1,1-Dichloroethane	20,038	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,038	1.00	0.530	10.0	0.94
Chloroform	20,038	1.00	0.350 g	10.0	1.43
1,2-Dichloroethane	20,038	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,038	1.00	1.050	10.0	0.48
Carbon Tetrachloride	20,038	1.00	0.430 g	10.0	1.16
Benzene	20,038	1.00	0.530	25.0	2.35
Trichloroethene	20,038	1.00	0.330	10.0	1.51
1,4-Dioxane	20,038	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,038	1.00	0.330 g	10.0	1.51
Toluene	20,038	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,038	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,038	84.84	0.410	10.0	103
1,1,1,2-Tetrachloroethane	20,038	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,038	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,038	1.00	0.850	25.0	1.47
p & m-Xylene	20,038	10.34	0.880	25.0	14.7
1,1,2,2-Tetrachloroethane	20,038	1.00	0.410 g	10.0	1.22
o-Xylene	20,038	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,038	1.00	0.750 g	10.0	0.67
Isopropylbenzene	20,038	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,038	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,038	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,038	1.00	0.750 g	10.0	0.67
1,4-Dichlorobenzene	20,038	1.00	0.750 g	10.0	0.67
1,2-Dichlorobenzene	20,038	1.00	0.750 g	10.0	0.67
1,2,4-Trichlorobenzene	20,038	1.00	0.390 g	10.0	1.28
Naphthalene	20,038	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,038	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,038	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,038	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,038	1.00	0.690 g	5,000.0	362

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-16 **Sample Name:** PSG 14

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,040	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,040	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,040	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,040	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,040	1.00	0.500 g	25.0	2.50
1,1-Dichloroethane	20,040	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,040	1.00	0.530	10.0	0.94
Chloroform	20,040	1.00	0.350 g	10.0	1.43
1,2-Dichloroethane	20,040	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,040	1.00	1.050	10.0	0.48
Carbon Tetrachloride	20,040	1.00	0.430 g	10.0	1.16
Benzene	20,040	1.00	0.530	25.0	2.35
Trichloroethene	20,040	1.00	0.330	10.0	1.51
1,4-Dioxane	20,040	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,040	1.00	0.330 g	10.0	1.51
Toluene	20,040	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,040	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,040	1.00	0.410	10.0	1.22
1,1,1,2-Tetrachloroethane	20,040	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,040	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,040	1.00	0.850	25.0	1.47
p & m-Xylene	20,040	10.34	0.880	25.0	14.7
1,1,2,2-Tetrachloroethane	20,040	1.00	0.410 g	10.0	1.22
o-Xylene	20,040	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,040	1.00	0.750 g	10.0	0.67
Isopropylbenzene	20,040	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,040	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,040	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,040	1.00	0.750 g	10.0	0.67
1,4-Dichlorobenzene	20,040	1.00	0.750 g	10.0	0.67
1,2-Dichlorobenzene	20,040	1.00	0.750 g	10.0	0.67
1,2,4-Trichlorobenzene	20,040	1.00	0.390 g	10.0	1.28
Naphthalene	20,040	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,040	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,040	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,040	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,040	1.00	0.690 g	5,000.0	362

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-17 **Sample Name:** PSG 15

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,056	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,056	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,056	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,056	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,056	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,056	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,056	1.00	0.530	10.0	0.94
Chloroform	20,056	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,056	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,056	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,056	1.00	0.430 g	10.0	1.16
Benzene	20,056	1.00	0.530	25.0	2.35
Trichloroethene	20,056	1.00	0.330	10.0	1.51
1,4-Dioxane	20,056	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,056	1.00	0.330 g	10.0	1.51
Toluene	20,056	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,056	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,056	1.00	0.410	10.0	1.22
1,1,1,2-Tetrachloroethane	20,056	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,056	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,056	1.00	0.850	25.0	1.47
p & m-Xylene	20,056	10.34	0.880	25.0	14.6
1,1,2,2-Tetrachloroethane	20,056	1.00	0.410 g	10.0	1.22
o-Xylene	20,056	10.34	0.880	25.0	14.6
1,2,3-Trichloropropane	20,056	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,056	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,056	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,056	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,056	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,056	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,056	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,056	1.00	0.390 g	10.0	1.28
Naphthalene	20,056	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,056	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,056	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,056	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,056	1.00	0.690 g	5,000.0	361

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-18 **Sample Name:** PSG 16

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,056	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,056	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,056	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,056	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,056	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,056	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,056	1.00	0.530	10.0	0.94
Chloroform	20,056	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,056	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,056	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,056	1.00	0.430 g	10.0	1.16
Benzene	20,056	1.00	0.530	25.0	2.35
Trichloroethene	20,056	1.00	0.330	10.0	1.51
1,4-Dioxane	20,056	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,056	1.00	0.330 g	10.0	1.51
Toluene	20,056	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,056	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,056	1.00	0.410	10.0	1.22
1,1,1,2-Tetrachloroethane	20,056	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,056	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,056	1.00	0.850	25.0	1.47
p & m-Xylene	20,056	1.00	0.880	25.0	1.42
1,1,2,2-Tetrachloroethane	20,056	1.00	0.410 g	10.0	1.22
o-Xylene	20,056	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,056	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,056	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,056	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,056	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,056	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,056	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,056	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,056	1.00	0.390 g	10.0	1.28
Naphthalene	20,056	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,056	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,056	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,056	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,056	1.00	0.690 g	5,000.0	361

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-19 **Sample Name:** PSG 17

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,058	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,058	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,058	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,058	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,058	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,058	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,058	1.00	0.530	10.0	0.94
Chloroform	20,058	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,058	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,058	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,058	1.00	0.430 g	10.0	1.16
Benzene	20,058	1.00	0.530	25.0	2.35
Trichloroethene	20,058	10.34	0.330	10.0	15.6
1,4-Dioxane	20,058	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,058	1.00	0.330 g	10.0	1.51
Toluene	20,058	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,058	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,058	10.34	0.410	10.0	12.6
1,1,1,2-Tetrachloroethane	20,058	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,058	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,058	1.00	0.850	25.0	1.47
p & m-Xylene	20,058	10.34	0.880	25.0	14.6
1,1,2,2-Tetrachloroethane	20,058	1.00	0.410 g	10.0	1.22
o-Xylene	20,058	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,058	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,058	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,058	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,058	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,058	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,058	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,058	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,058	1.00	0.390 g	10.0	1.28
Naphthalene	20,058	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,058	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,058	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,058	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,058	1.00	0.690 g	5,000.0	361

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-20 **Sample Name:** PSG 18

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,098	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,098	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,098	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,098	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,098	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,098	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,098	1.00	0.530	10.0	0.94
Chloroform	20,098	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,098	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,098	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,098	1.00	0.430 g	10.0	1.16
Benzene	20,098	1.00	0.530	25.0	2.35
Trichloroethene	20,098	1.00	0.330	10.0	1.51
1,4-Dioxane	20,098	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,098	1.00	0.330 g	10.0	1.51
Toluene	20,098	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,098	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,098	10.34	0.410	10.0	12.5
1,1,1,2-Tetrachloroethane	20,098	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,098	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,098	1.00	0.850	25.0	1.46
p & m-Xylene	20,098	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,098	1.00	0.410 g	10.0	1.21
o-Xylene	20,098	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,098	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,098	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,098	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,098	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,098	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,098	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,098	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,098	1.00	0.390 g	10.0	1.28
Naphthalene	20,098	1.00	0.800 g	25.0	1.55
1,2,3-Trichlorobenzene	20,098	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,098	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,098	1.00	0.590 g	5,000.0	422
TPH C10-C15	20,098	1.00	0.690 g	5,000.0	361

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-21 **Sample Name:** PSG 19

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,075	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,075	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,075	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,075	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,075	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,075	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,075	1.00	0.530	10.0	0.94
Chloroform	20,075	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,075	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,075	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,075	1.00	0.430 g	10.0	1.16
Benzene	20,075	1.00	0.530	25.0	2.35
Trichloroethene	20,075	1.00	0.330	10.0	1.51
1,4-Dioxane	20,075	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,075	1.00	0.330 g	10.0	1.51
Toluene	20,075	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,075	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,075	84.84	0.410	10.0	103
1,1,1,2-Tetrachloroethane	20,075	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,075	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,075	10.34	0.850	25.0	15.1
p & m-Xylene	20,075	10.34	0.880	25.0	14.6
1,1,2,2-Tetrachloroethane	20,075	1.00	0.410 g	10.0	1.21
o-Xylene	20,075	10.34	0.880	25.0	14.6
1,2,3-Trichloropropane	20,075	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,075	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,075	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,075	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,075	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,075	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,075	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,075	1.00	0.390 g	10.0	1.28
Naphthalene	20,075	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,075	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,075	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,075	1.00	0.590 g	5,000.0	422
TPH C10-C15	20,075	1.00	0.690 g	5,000.0	361

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-22 **Sample Name:** PSG 20

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,045	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,045	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,045	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,045	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,045	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,045	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,045	1.00	0.530	10.0	0.94
Chloroform	20,045	1.00	0.350 g	10.0	1.43
1,2-Dichloroethane	20,045	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,045	1.00	1.050	10.0	0.48
Carbon Tetrachloride	20,045	1.00	0.430 g	10.0	1.16
Benzene	20,045	1.00	0.530	25.0	2.35
Trichloroethene	20,045	10.34	0.330	10.0	15.6
1,4-Dioxane	20,045	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,045	1.00	0.330 g	10.0	1.51
Toluene	20,045	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,045	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,045	84.84	0.410	10.0	103
1,1,1,2-Tetrachloroethane	20,045	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,045	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,045	1.00	0.850	25.0	1.47
p & m-Xylene	20,045	10.34	0.880	25.0	14.7
1,1,2,2-Tetrachloroethane	20,045	1.00	0.410 g	10.0	1.22
o-Xylene	20,045	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,045	1.00	0.750 g	10.0	0.67
Isopropylbenzene	20,045	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,045	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,045	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,045	1.00	0.750 g	10.0	0.67
1,4-Dichlorobenzene	20,045	1.00	0.750 g	10.0	0.67
1,2-Dichlorobenzene	20,045	1.00	0.750 g	10.0	0.67
1,2,4-Trichlorobenzene	20,045	1.00	0.390 g	10.0	1.28
Naphthalene	20,045	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,045	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,045	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,045	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,045	1.00	0.690 g	5,000.0	362

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-23 **Sample Name:** PSG 21

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,070	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,070	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,070	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,070	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,070	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,070	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,070	1.00	0.530	10.0	0.94
Chloroform	20,070	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,070	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,070	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,070	1.00	0.430 g	10.0	1.16
Benzene	20,070	1.00	0.530	25.0	2.35
Trichloroethene	20,070	10.34	0.330	10.0	15.6
1,4-Dioxane	20,070	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,070	1.00	0.330 g	10.0	1.51
Toluene	20,070	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,070	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,070	84.84	0.410	10.0	103
1,1,1,2-Tetrachloroethane	20,070	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,070	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,070	1.00	0.850	25.0	1.47
p & m-Xylene	20,070	10.34	0.880	25.0	14.6
1,1,2,2-Tetrachloroethane	20,070	1.00	0.410 g	10.0	1.22
o-Xylene	20,070	10.34	0.880	25.0	14.6
1,2,3-Trichloropropane	20,070	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,070	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,070	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,070	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,070	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,070	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,070	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,070	1.00	0.390 g	10.0	1.28
Naphthalene	20,070	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,070	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,070	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,070	1.00	0.590 g	5,000.0	422
TPH C10-C15	20,070	1.00	0.690 g	5,000.0	361

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-24 **Sample Name:** PSG 22

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,068	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,068	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,068	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,068	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,068	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,068	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,068	1.00	0.530	10.0	0.94
Chloroform	20,068	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,068	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,068	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,068	1.00	0.430 g	10.0	1.16
Benzene	20,068	1.00	0.530	25.0	2.35
Trichloroethene	20,068	10.34	0.330	10.0	15.6
1,4-Dioxane	20,068	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,068	1.00	0.330 g	10.0	1.51
Toluene	20,068	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,068	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,068	777.56	0.410	10.0	945
1,1,1,2-Tetrachloroethane	20,068	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,068	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,068	10.34	0.850	25.0	15.2
p & m-Xylene	20,068	10.34	0.880	25.0	14.6
1,1,2,2-Tetrachloroethane	20,068	1.00	0.410 g	10.0	1.22
o-Xylene	20,068	10.34	0.880	25.0	14.6
1,2,3-Trichloropropane	20,068	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,068	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,068	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,068	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,068	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,068	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,068	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,068	1.00	0.390 g	10.0	1.28
Naphthalene	20,068	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,068	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,068	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,068	1.00	0.590 g	5,000.0	422
TPH C10-C15	20,068	1.00	0.690 g	5,000.0	361

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-25 **Sample Name:** PSG 23

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,066	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,066	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,066	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,066	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,066	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,066	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,066	1.00	0.530	10.0	0.94
Chloroform	20,066	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,066	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,066	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,066	1.00	0.430 g	10.0	1.16
Benzene	20,066	1.00	0.530	25.0	2.35
Trichloroethene	20,066	1.00	0.330	10.0	1.51
1,4-Dioxane	20,066	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,066	1.00	0.330 g	10.0	1.51
Toluene	20,066	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,066	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,066	10.34	0.410	10.0	12.6
1,1,1,2-Tetrachloroethane	20,066	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,066	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,066	10.34	0.850	25.0	15.2
p & m-Xylene	20,066	84.84	0.880	25.0	120
1,1,2,2-Tetrachloroethane	20,066	1.00	0.410 g	10.0	1.22
o-Xylene	20,066	10.34	0.880	25.0	14.6
1,2,3-Trichloropropane	20,066	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,066	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,066	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,066	10.34	0.830 g	25.0	15.5
1,3-Dichlorobenzene	20,066	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,066	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,066	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,066	1.00	0.390 g	10.0	1.28
Naphthalene	20,066	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,066	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,066	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,066	1.00	0.590 g	5,000.0	422
TPH C10-C15	20,066	1.00	0.690 g	5,000.0	361

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-26 **Sample Name:** PSG 24

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,054	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,054	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,054	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,054	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,054	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,054	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,054	1.00	0.530	10.0	0.94
Chloroform	20,054	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,054	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,054	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,054	1.00	0.430 g	10.0	1.16
Benzene	20,054	1.00	0.530	25.0	2.35
Trichloroethene	20,054	10.34	0.330	10.0	15.6
1,4-Dioxane	20,054	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,054	1.00	0.330 g	10.0	1.51
Toluene	20,054	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,054	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,054	777.56	0.410	10.0	946
1,1,1,2-Tetrachloroethane	20,054	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,054	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,054	1.00	0.850	25.0	1.47
p & m-Xylene	20,054	1.00	0.880	25.0	1.42
1,1,2,2-Tetrachloroethane	20,054	1.00	0.410 g	10.0	1.22
o-Xylene	20,054	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,054	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,054	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,054	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,054	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,054	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,054	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,054	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,054	1.00	0.390 g	10.0	1.28
Naphthalene	20,054	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,054	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,054	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,054	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,054	1.00	0.690 g	5,000.0	361

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-27 **Sample Name:** PSG 25

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,106	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,106	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,106	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,106	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,106	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,106	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,106	1.00	0.530	10.0	0.94
Chloroform	20,106	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,106	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,106	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,106	1.00	0.430 g	10.0	1.16
Benzene	20,106	1.00	0.530	25.0	2.35
Trichloroethene	20,106	1.00	0.330	10.0	1.51
1,4-Dioxane	20,106	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,106	1.00	0.330 g	10.0	1.51
Toluene	20,106	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,106	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,106	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,106	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,106	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,106	1.00	0.850	25.0	1.46
p & m-Xylene	20,106	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,106	1.00	0.410 g	10.0	1.21
o-Xylene	20,106	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,106	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,106	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,106	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,106	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,106	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,106	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,106	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,106	1.00	0.390 g	10.0	1.28
Naphthalene	20,106	1.00	0.800 g	25.0	1.55
1,2,3-Trichlorobenzene	20,106	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,106	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,106	1.00	0.590 g	5,000.0	421
TPH C10-C15	20,106	1.00	0.690 g	5,000.0	360

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-28 **Sample Name:** PSG 26

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,106	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,106	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,106	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,106	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,106	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,106	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,106	1.00	0.530	10.0	0.94
Chloroform	20,106	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,106	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,106	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,106	1.00	0.430 g	10.0	1.16
Benzene	20,106	1.00	0.530	25.0	2.35
Trichloroethene	20,106	1.00	0.330	10.0	1.51
1,4-Dioxane	20,106	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,106	1.00	0.330 g	10.0	1.51
Toluene	20,106	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,106	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,106	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,106	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,106	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,106	1.00	0.850	25.0	1.46
p & m-Xylene	20,106	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,106	1.00	0.410 g	10.0	1.21
o-Xylene	20,106	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,106	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,106	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,106	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,106	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,106	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,106	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,106	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,106	1.00	0.390 g	10.0	1.28
Naphthalene	20,106	1.00	0.800 g	25.0	1.55
1,2,3-Trichlorobenzene	20,106	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,106	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,106	1.00	0.590 g	5,000.0	421
TPH C10-C15	20,106	1.00	0.690 g	5,000.0	360

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-29 **Sample Name:** PSG 27

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,107	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,107	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,107	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,107	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,107	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,107	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,107	1.00	0.530	10.0	0.94
Chloroform	20,107	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,107	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,107	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,107	1.00	0.430 g	10.0	1.16
Benzene	20,107	1.00	0.530	25.0	2.35
Trichloroethene	20,107	1.00	0.330	10.0	1.51
1,4-Dioxane	20,107	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,107	1.00	0.330 g	10.0	1.51
Toluene	20,107	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,107	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,107	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,107	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,107	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,107	1.00	0.850	25.0	1.46
p & m-Xylene	20,107	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,107	1.00	0.410 g	10.0	1.21
o-Xylene	20,107	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,107	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,107	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,107	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,107	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,107	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,107	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,107	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,107	1.00	0.390 g	10.0	1.28
Naphthalene	20,107	1.00	0.800 g	25.0	1.55
1,2,3-Trichlorobenzene	20,107	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,107	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,107	1.00	0.590 g	5,000.0	421
TPH C10-C15	20,107	1.00	0.690 g	5,000.0	360

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-30 **Sample Name:** PSG 28

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,109	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,109	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,109	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,109	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,109	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,109	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,109	1.00	0.530	10.0	0.94
Chloroform	20,109	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,109	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,109	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,109	1.00	0.430 g	10.0	1.16
Benzene	20,109	1.00	0.530	25.0	2.35
Trichloroethene	20,109	1.00	0.330	10.0	1.51
1,4-Dioxane	20,109	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,109	1.00	0.330 g	10.0	1.51
Toluene	20,109	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,109	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,109	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,109	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,109	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,109	1.00	0.850	25.0	1.46
p & m-Xylene	20,109	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,109	1.00	0.410 g	10.0	1.21
o-Xylene	20,109	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,109	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,109	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,109	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,109	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,109	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,109	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,109	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,109	1.00	0.390 g	10.0	1.28
Naphthalene	20,109	1.00	0.800 g	25.0	1.55
1,2,3-Trichlorobenzene	20,109	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,109	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,109	1.00	0.590 g	5,000.0	421
TPH C10-C15	20,109	1.00	0.690 g	5,000.0	360

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-31 **Sample Name:** PSG 29

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,110	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,110	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,110	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,110	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,110	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,110	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,110	1.00	0.530	10.0	0.94
Chloroform	20,110	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,110	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,110	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,110	1.00	0.430 g	10.0	1.16
Benzene	20,110	1.00	0.530	25.0	2.35
Trichloroethene	20,110	1.00	0.330	10.0	1.51
1,4-Dioxane	20,110	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,110	1.00	0.330 g	10.0	1.51
Toluene	20,110	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,110	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,110	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,110	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,110	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,110	1.00	0.850	25.0	1.46
p & m-Xylene	20,110	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,110	1.00	0.410 g	10.0	1.21
o-Xylene	20,110	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,110	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,110	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,110	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,110	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,110	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,110	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,110	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,110	1.00	0.390 g	10.0	1.28
Naphthalene	20,110	1.00	0.800 g	25.0	1.55
1,2,3-Trichlorobenzene	20,110	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,110	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,110	1.00	0.590 g	5,000.0	421
TPH C10-C15	20,110	1.00	0.690 g	5,000.0	360

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-32 **Sample Name:** PSG 30

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,114	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,114	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,114	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,114	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,114	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,114	1.00	0.850	10.0	0.58
cis-1,2-Dichloroethene	20,114	1.00	0.530	10.0	0.94
Chloroform	20,114	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,114	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,114	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,114	1.00	0.430 g	10.0	1.16
Benzene	20,114	1.00	0.530	25.0	2.35
Trichloroethene	20,114	1.00	0.330	10.0	1.51
1,4-Dioxane	20,114	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,114	1.00	0.330 g	10.0	1.51
Toluene	20,114	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,114	1.00	0.390 g	10.0	1.27
Tetrachloroethene	20,114	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,114	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,114	1.00	0.850 g	10.0	0.58
Ethylbenzene	20,114	1.00	0.850	25.0	1.46
p & m-Xylene	20,114	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,114	1.00	0.410 g	10.0	1.21
o-Xylene	20,114	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,114	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,114	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,114	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,114	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,114	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,114	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,114	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,114	1.00	0.390 g	10.0	1.27
Naphthalene	20,114	1.00	0.800 g	25.0	1.55
1,2,3-Trichlorobenzene	20,114	1.00	0.390 g	10.0	1.27
2-Methylnaphthalene	20,114	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,114	1.00	0.590 g	5,000.0	421
TPH C10-C15	20,114	1.00	0.690 g	5,000.0	360

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-33 **Sample Name:** PSG 31

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,115	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,115	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,115	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,115	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,115	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,115	1.00	0.850	10.0	0.58
cis-1,2-Dichloroethene	20,115	1.00	0.530	10.0	0.94
Chloroform	20,115	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,115	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,115	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,115	1.00	0.430 g	10.0	1.16
Benzene	20,115	1.00	0.530	25.0	2.35
Trichloroethene	20,115	1.00	0.330	10.0	1.51
1,4-Dioxane	20,115	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,115	1.00	0.330 g	10.0	1.51
Toluene	20,115	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,115	1.00	0.390 g	10.0	1.27
Tetrachloroethene	20,115	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,115	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,115	1.00	0.850 g	10.0	0.58
Ethylbenzene	20,115	1.00	0.850	25.0	1.46
p & m-Xylene	20,115	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,115	1.00	0.410 g	10.0	1.21
o-Xylene	20,115	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,115	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,115	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,115	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,115	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,115	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,115	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,115	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,115	1.00	0.390 g	10.0	1.27
Naphthalene	20,115	1.00	0.800 g	25.0	1.55
1,2,3-Trichlorobenzene	20,115	1.00	0.390 g	10.0	1.27
2-Methylnaphthalene	20,115	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,115	1.00	0.590 g	5,000.0	421
TPH C10-C15	20,115	1.00	0.690 g	5,000.0	360

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-34 **Sample Name:** PSG 32

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,132	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,132	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,132	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,132	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,132	1.00	0.500 g	25.0	2.48
1,1-Dichloroethane	20,132	1.00	0.850	10.0	0.58
cis-1,2-Dichloroethene	20,132	1.00	0.530	10.0	0.94
Chloroform	20,132	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,132	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,132	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,132	1.00	0.430 g	10.0	1.16
Benzene	20,132	1.00	0.530	25.0	2.34
Trichloroethene	20,132	1.00	0.330	10.0	1.51
1,4-Dioxane	20,132	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,132	1.00	0.330 g	10.0	1.51
Toluene	20,132	1.00	0.400	25.0	3.10
1,2-Dibromoethane (EDB)	20,132	1.00	0.390 g	10.0	1.27
Tetrachloroethene	20,132	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,132	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,132	1.00	0.850 g	10.0	0.58
Ethylbenzene	20,132	1.00	0.850	25.0	1.46
p & m-Xylene	20,132	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,132	1.00	0.410 g	10.0	1.21
o-Xylene	20,132	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,132	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,132	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,132	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,132	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,132	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,132	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,132	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,132	1.00	0.390 g	10.0	1.27
Naphthalene	20,132	1.00	0.800 g	25.0	1.55
1,2,3-Trichlorobenzene	20,132	1.00	0.390 g	10.0	1.27
2-Methylnaphthalene	20,132	1.00	0.760 g	25.0	1.63
TPH C4-C9	20,132	1.00	0.590 g	5,000.0	421
TPH C10-C15	20,132	1.00	0.690 g	5,000.0	360

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-35 **Sample Name:** PSG 33

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,065	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,065	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,065	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,065	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,065	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,065	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,065	1.00	0.530	10.0	0.94
Chloroform	20,065	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,065	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,065	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,065	1.00	0.430 g	10.0	1.16
Benzene	20,065	1.00	0.530	25.0	2.35
Trichloroethene	20,065	10.34	0.330	10.0	15.6
1,4-Dioxane	20,065	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,065	1.00	0.330 g	10.0	1.51
Toluene	20,065	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,065	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,065	10.34	0.410	10.0	12.6
1,1,1,2-Tetrachloroethane	20,065	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,065	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,065	1.00	0.850	25.0	1.47
p & m-Xylene	20,065	1.00	0.880	25.0	1.42
1,1,2,2-Tetrachloroethane	20,065	1.00	0.410 g	10.0	1.22
o-Xylene	20,065	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,065	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,065	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,065	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,065	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,065	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,065	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,065	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,065	1.00	0.390 g	10.0	1.28
Naphthalene	20,065	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,065	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,065	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,065	1.00	0.590 g	5,000.0	422
TPH C10-C15	20,065	1.00	0.690 g	5,000.0	361

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-36 **Sample Name:** PSG 34

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,056	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,056	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,056	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,056	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,056	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,056	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,056	1.00	0.530	10.0	0.94
Chloroform	20,056	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,056	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,056	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,056	1.00	0.430 g	10.0	1.16
Benzene	20,056	1.00	0.530	25.0	2.35
Trichloroethene	20,056	1.00	0.330	10.0	1.51
1,4-Dioxane	20,056	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,056	1.00	0.330 g	10.0	1.51
Toluene	20,056	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,056	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,056	10.34	0.410	10.0	12.6
1,1,1,2-Tetrachloroethane	20,056	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,056	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,056	1.00	0.850	25.0	1.47
p & m-Xylene	20,056	1.00	0.880	25.0	1.42
1,1,2,2-Tetrachloroethane	20,056	1.00	0.410 g	10.0	1.22
o-Xylene	20,056	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,056	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,056	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,056	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,056	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,056	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,056	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,056	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,056	1.00	0.390 g	10.0	1.28
Naphthalene	20,056	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,056	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,056	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,056	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,056	1.00	0.690 g	5,000.0	361

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-37 **Sample Name:** PSG 35

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,099	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,099	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,099	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,099	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,099	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,099	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,099	1.00	0.530	10.0	0.94
Chloroform	20,099	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,099	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,099	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,099	1.00	0.430 g	10.0	1.16
Benzene	20,099	1.00	0.530	25.0	2.35
Trichloroethene	20,099	1.00	0.330	10.0	1.51
1,4-Dioxane	20,099	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,099	1.00	0.330 g	10.0	1.51
Toluene	20,099	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,099	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,099	10.34	0.410	10.0	12.5
1,1,1,2-Tetrachloroethane	20,099	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,099	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,099	1.00	0.850	25.0	1.46
p & m-Xylene	20,099	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,099	1.00	0.410 g	10.0	1.21
o-Xylene	20,099	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,099	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,099	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,099	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,099	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,099	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,099	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,099	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,099	1.00	0.390 g	10.0	1.28
Naphthalene	20,099	1.00	0.800 g	25.0	1.55
1,2,3-Trichlorobenzene	20,099	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,099	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,099	1.00	0.590 g	5,000.0	422
TPH C10-C15	20,099	1.00	0.690 g	5,000.0	361

BEACON ENVIRONMENTAL

2203A Commerce Road, Suite 1
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1.410.838.8780

CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-38 **Sample Name:** PSG 36

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,091	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,091	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,091	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,091	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,091	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,091	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,091	1.00	0.530	10.0	0.94
Chloroform	20,091	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,091	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,091	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,091	1.00	0.430 g	10.0	1.16
Benzene	20,091	1.00	0.530	25.0	2.35
Trichloroethene	20,091	1.00	0.330	10.0	1.51
1,4-Dioxane	20,091	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,091	1.00	0.330 g	10.0	1.51
Toluene	20,091	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,091	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,091	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,091	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,091	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,091	1.00	0.850	25.0	1.46
p & m-Xylene	20,091	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,091	1.00	0.410 g	10.0	1.21
o-Xylene	20,091	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,091	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,091	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,091	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,091	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,091	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,091	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,091	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,091	1.00	0.390 g	10.0	1.28
Naphthalene	20,091	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,091	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,091	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,091	1.00	0.590 g	5,000.0	422
TPH C10-C15	20,091	1.00	0.690 g	5,000.0	361

BEACON ENVIRONMENTAL

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-39 **Sample Name:** PSG 37

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,086	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,086	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,086	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,086	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,086	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,086	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,086	1.00	0.530	10.0	0.94
Chloroform	20,086	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,086	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,086	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,086	1.00	0.430 g	10.0	1.16
Benzene	20,086	1.00	0.530	25.0	2.35
Trichloroethene	20,086	1.00	0.330	10.0	1.51
1,4-Dioxane	20,086	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,086	1.00	0.330 g	10.0	1.51
Toluene	20,086	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,086	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,086	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,086	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,086	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,086	1.00	0.850	25.0	1.46
p & m-Xylene	20,086	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,086	1.00	0.410 g	10.0	1.21
o-Xylene	20,086	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,086	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,086	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,086	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,086	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,086	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,086	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,086	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,086	1.00	0.390 g	10.0	1.28
Naphthalene	20,086	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,086	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,086	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,086	1.00	0.590 g	5,000.0	422
TPH C10-C15	20,086	1.00	0.690 g	5,000.0	361

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-40 **Sample Name:** PSG 38

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,081	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,081	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,081	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,081	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,081	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,081	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,081	1.00	0.530	10.0	0.94
Chloroform	20,081	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,081	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,081	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,081	1.00	0.430 g	10.0	1.16
Benzene	20,081	1.00	0.530	25.0	2.35
Trichloroethene	20,081	1.00	0.330	10.0	1.51
1,4-Dioxane	20,081	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,081	1.00	0.330 g	10.0	1.51
Toluene	20,081	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,081	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,081	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,081	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,081	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,081	1.00	0.850	25.0	1.46
p & m-Xylene	20,081	1.00	0.880	25.0	1.41
1,1,2,2-Tetrachloroethane	20,081	1.00	0.410 g	10.0	1.21
o-Xylene	20,081	1.00	0.880	25.0	1.41
1,2,3-Trichloropropane	20,081	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,081	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,081	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,081	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,081	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,081	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,081	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,081	1.00	0.390 g	10.0	1.28
Naphthalene	20,081	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,081	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,081	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,081	1.00	0.590 g	5,000.0	422
TPH C10-C15	20,081	1.00	0.690 g	5,000.0	361

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-41 **Sample Name:** PSG 39

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,076	1.00	0.810	10.0	0.61
1,1-Dichloroethene	20,076	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,076	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,076	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,076	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,076	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,076	1.00	0.530	10.0	0.94
Chloroform	20,076	1.00	0.350 g	10.0	1.42
1,2-Dichloroethane	20,076	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,076	1.00	1.050	10.0	0.47
Carbon Tetrachloride	20,076	1.00	0.430 g	10.0	1.16
Benzene	20,076	1.00	0.530	25.0	2.35
Trichloroethene	20,076	1.00	0.330	10.0	1.51
1,4-Dioxane	20,076	1.00	0.410 g	10.0	1.21
1,1,2-Trichloroethane	20,076	1.00	0.330 g	10.0	1.51
Toluene	20,076	1.00	0.400	25.0	3.11
1,2-Dibromoethane (EDB)	20,076	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,076	1.00	0.410	10.0	1.21
1,1,1,2-Tetrachloroethane	20,076	1.00	0.410 g	10.0	1.21
Chlorobenzene	20,076	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,076	1.00	0.850	25.0	1.47
p & m-Xylene	20,076	1.00	0.880	25.0	1.42
1,1,2,2-Tetrachloroethane	20,076	1.00	0.410 g	10.0	1.21
o-Xylene	20,076	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,076	1.00	0.750 g	10.0	0.66
Isopropylbenzene	20,076	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,076	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,076	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,076	1.00	0.750 g	10.0	0.66
1,4-Dichlorobenzene	20,076	1.00	0.750 g	10.0	0.66
1,2-Dichlorobenzene	20,076	1.00	0.750 g	10.0	0.66
1,2,4-Trichlorobenzene	20,076	1.00	0.390 g	10.0	1.28
Naphthalene	20,076	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,076	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,076	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,076	1.00	0.590 g	5,000.0	422
TPH C10-C15	20,076	1.00	0.690 g	5,000.0	361

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Method Detection and Reporting Limit Calculations (Concentration)

EPA 8260C

Lab ID: 0005610-42 **Sample Name:** PSG 20 Dup

Analyte	t Sampling Time minutes	DF Dilution Factor	U Uptake Rate	M Initial LOQ ng	C Calculated LOQ µg/m³
Vinyl Chloride	20,045	1.00	0.810	10.0	0.62
1,1-Dichloroethene	20,045	1.00	0.330	10.0	1.51
1,1,2-Trichlorotrifluoroethane (Fr.113)	20,045	1.00	0.890 g	10.0	0.56
trans-1,2-Dichloroethene	20,045	1.00	0.440	10.0	1.13
Methyl-t-butyl ether	20,045	1.00	0.500 g	25.0	2.49
1,1-Dichloroethane	20,045	1.00	0.850	10.0	0.59
cis-1,2-Dichloroethene	20,045	1.00	0.530	10.0	0.94
Chloroform	20,045	1.00	0.350 g	10.0	1.43
1,2-Dichloroethane	20,045	1.00	0.560	10.0	0.89
1,1,1-Trichloroethane	20,045	1.00	1.050	10.0	0.48
Carbon Tetrachloride	20,045	1.00	0.430 g	10.0	1.16
Benzene	20,045	1.00	0.530	25.0	2.35
Trichloroethene	20,045	10.34	0.330	10.0	15.6
1,4-Dioxane	20,045	1.00	0.410 g	10.0	1.22
1,1,2-Trichloroethane	20,045	1.00	0.330 g	10.0	1.51
Toluene	20,045	1.00	0.400	25.0	3.12
1,2-Dibromoethane (EDB)	20,045	1.00	0.390 g	10.0	1.28
Tetrachloroethene	20,045	84.84	0.410	10.0	103
1,1,1,2-Tetrachloroethane	20,045	1.00	0.410 g	10.0	1.22
Chlorobenzene	20,045	1.00	0.850 g	10.0	0.59
Ethylbenzene	20,045	1.00	0.850	25.0	1.47
p & m-Xylene	20,045	10.34	0.880	25.0	14.7
1,1,2,2-Tetrachloroethane	20,045	1.00	0.410 g	10.0	1.22
o-Xylene	20,045	1.00	0.880	25.0	1.42
1,2,3-Trichloropropane	20,045	1.00	0.750 g	10.0	0.67
Isopropylbenzene	20,045	1.00	0.830 g	25.0	1.50
1,3,5-Trimethylbenzene	20,045	1.00	0.830 g	25.0	1.50
1,2,4-Trimethylbenzene	20,045	1.00	0.830 g	25.0	1.50
1,3-Dichlorobenzene	20,045	1.00	0.750 g	10.0	0.67
1,4-Dichlorobenzene	20,045	1.00	0.750 g	10.0	0.67
1,2-Dichlorobenzene	20,045	1.00	0.750 g	10.0	0.67
1,2,4-Trichlorobenzene	20,045	1.00	0.390 g	10.0	1.28
Naphthalene	20,045	1.00	0.800 g	25.0	1.56
1,2,3-Trichlorobenzene	20,045	1.00	0.390 g	10.0	1.28
2-Methylnaphthalene	20,045	1.00	0.760 g	25.0	1.64
TPH C4-C9	20,045	1.00	0.590 g	5,000.0	423
TPH C10-C15	20,045	1.00	0.690 g	5,000.0	362

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CERTIFICATE OF ANALYSIS

Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Laboratory Certification List

Certification ID	Certification No.	Description	Expires	Project Required
Alaska CS-LAP	19-002	Alaska Department of Environmental Conservation	01/31/2023	
DoD-ELAP	L20-532	United States Department of Defense Environmental Laboratory Accreditation	12/31/2022	
ISO/IEC 17025:2017	L20-532	General Requirements for the competence of Testing and Calibration Laboratories	12/31/2022	
NY-NELAC	12097	New York Department of Health	04/01/2021	
Utah-NELAC	MD01091	Utah Department of Health	12/31/2021	

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Qualifiers/Notes and Definitions

General Definitions:

DF	Dilution Factor
DL	Detection Limit
LOD	Limit of Detection
LOQ	Limit of Quantitation
NA	Not Applicable
Q	Qualifier
RPD	Relative Percent Difference
RT	Retention Times in Minutes
RRT	Evaluation of Relative Retention Times in RRT Units (qualified if outside $\pm$0.06 control limits)
3σ	Uncertainty
∉	Compound not on scope of accreditation
+	values are outside method/contract required QC limits
∅	Compound not on scope of accreditation and analyzed with a one-point calibration

Sample/Sample Receipt Qualifiers and Notes:

D	Dilution required to report within calibration Limits.

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Trinity Source Group, Inc.	**Site Name:** Former Fairway Cleaners and Laundry	**Beacon Proposal:** 210105R03
119 Encinal Street	**Site Location:** Santa Cruz, CA	**Lab Work Order:** 0005610
Santa Cruz, CA 95060	**Project Manager:** Warren Chamberlain	**Reported:** 02/12/2021

Sample Management Records

BEACON ENVIRONMENTAL
2203A Commerce Rd, Suite 1
Forest Hill, MD 21050, USA
1-410-838-8780
800-878-5510 Toll Free

PASSIVE SOIL GAS SAMPLES | CHAIN-OF-CUSTODY

Project Information		Client Information	
Site Name: Former Fairway Cleaners and Laundry		Company Name: Trinity Source Group, Inc.	Project Manager: Warren Chamberlain
		Office Location: 119 Encinal St, Santa Cruz, CA	Client PO: 575.002.002
Site Location: 1600 Capitola Rd, Santa Cruz, CA (PST)		Submitted by: Thomas Dewey	Turn around time (check one): ☑ Normal ☐ Rush (specify) ____ days
		Email: labstrinity@gmail.com, wbc@tsgcorp.net	

Field Sample ID	Start Date	Start Time	Stop Date	Stop Time (PST)	Sampling Hole Depth (cm)	Surface Type (Soil, Asphalt, Concrete, Gravel)	Optional Information (Location Description, Sample Condition, PID / FID Readings, etc)
· PSG 1	1/20/21	0849	2/3/21	0735	8"	Asphalt	Clay Soil unless otherwise noted (all samples)
· PSG 2	1/20/21	0907	2/3/21	0739	9"	Asphalt	
· PSG 3	1/20/21	0915	2/3/21	0742	12"	Asphalt	
· PSG 4	1/20/21	0924	2/3/21	0745	12"	Asphalt	Utility Sand under asphalt
· PSG 5	1/20/21	0931	2/3/21	0748	12"	Asphalt	
· PSG 6	1/20/21	0940	2/3/21	0755	12"	Asphalt	
· PSG 7	1/20/21	0946	2/3/21	0759	12"	Asphalt	
· PSG 8	1/20/21	0953	2/3/21	0803	12"	Asphalt	
· PSG 9	1/20/21	1033	2/3/21	1043	12"	Asphalt	Clay around tube/probe on retrieval
· PSG 10	1/20/21	1040	2/3/21	0837	12"	Asphalt	Soil-native under asphalt (clay)
· PSG 11	1/20/21	1049	2/3/21	0841	12"	Asphalt	water in probe
· PSG 12	1/20/21	1054	2/3/21	0846	12"	Asphalt	
· PSG 13	1/20/21	1100	2/3/21	0858	12"	Asphalt	
· PSG 14	1/20/21	1105	2/3/21	0905	12"	Asphalt	
· PSG 15	1/20/21	1116	2/3/21	0932	12"	Asphalt	

Special Instructions: Report results in ug/m3 Note: Rain started 1/23, Rain on 1/23 – 1/25, 1/28, 2/2 Total Precip = 1.6"

Relinquished by (signature):	Date / Time: 2/3/21 1500 PST	Received by (signature): Allison Fulton	Date / Time: 02/04/2021 1200
Relinquished by (signature):	Date / Time:	Received by (signature):	Date / Time:
For Lab Use Only	Beacon Job No: 5610	Beacon Proposal: 210105R03	Analytical Method: 8260C
Courier Name: Fedex	Shipment Condition: Good	Custody Seal Intact: ☒ Yes ☐ No ☐ n/a	Custody Seal No: 3389116

BEACON ENVIRONMENTAL
2203A Commerce Rd, Suite 1
Forest Hill, MD 21050, USA
1-410-838-8780
800-878-5510 Toll Free

PASSIVE SOIL GAS SAMPLES | CHAIN-OF-CUSTODY

Project Information		Client Information	
Site Name: Former Fairway Cleaners and Laundry	Company Name: Trinity Source Group, Inc.	Project Manager: Warren Chamberlain	
	Office Location: Same as Pg. 1	Client PO: 575.002.002	
Site Location: 1600 Capitola Rd. Santa Cruz, CA	Submitted by: Thomas Dewey	Turn around time (check one):	
	Email: same as pg. 1	[X] Normal [ ] Rush (specify) ____ days	

Field Sample ID	Start Date	Start Time	Stop Date	Stop Time	Sampling Hole Depth (cm)	Surface Type (Soil, Asphalt, Concrete, Gravel)	Optional Information (Location Description, Sample Condition, PID / FID Readings, etc)
PSG16	1/20/21	1121	2/3/21	0937	12"	Asphalt	
PSG17	1/20/21	1126	2/3/21	0944	12"	Asphalt	
PSG18	1/20/21	1132	2/3/21	1030	12"	Asphalt	Water in boring
PSG19	1/20/21	1145	2/3/21	1020	6"	Asphalt	Gravel below asphalt - lots of sloughing
PSG20 / Dup	1/20/21	1220	2/3/21	1025	12"	Asphalt	Duplicate assigned 02/08/2021. AF
PSG21	1/20/21	1226	2/3/21	1056	12"	Soil	Water in the hole
PSG22	1/20/21	1230	2/3/21	10:58	12"	Soil	
PSG23	1/20/21	1234	2/3/21	11:00	12"	Soil	
PSG24	1/20/21	1238	2/3/21	10:52	12"	Soil	
PSG25	1/20/21	1310	2/3/21	1216	12"	Soil	
PSG26	1/20/21	1313	2/3/21	1219	12"	Soil	
PSG27	1/20/21	1315	2/3/21	1222	12"	Soil	Water in hole - sampler submerged
PSG28	1/20/21	1317	2/3/21	1226	12"	Soil	
PSG29	1/20/21	1320	2/3/21	1230	12"	Soil	Water in hole - sampler submerged
PSG30	1/20/21	1322	2/3/21	1236	12"	Soil	Sandy soil
PSG31	1/20/21	1324	2/3/21	1239	12"	Soil	
PSG32	1/20/21	1346	2/3/21	1258	12"	Soil	
PSG33	1/20/21	1348	2/3/21	1213	12"	Soil	
PSG34	1/20/21	1352	2/3/21	1208	12"	Soil	
PSG35	1/20/21	1356	2/3/21	1255	12"	Soil	Probe moved sideways by animal burrowing

Special Instructions: Report results in ug/m3 Note: Rain started 1/23, see Pg. 1

For Lab Use Only	Beacon Job No: 5610	Beacon Proposal: 210105R03	Analytical Method: 8260C

BEACON ENVIRONMENTAL
2203A Commerce Rd, Suite 1
Forest Hill, MD 21050, USA
1-410-838-8780
800-878-5510 Toll Free

PASSIVE SOIL GAS SAMPLES | CHAIN-OF-CUSTODY

Project Information		Client Information	
Site Name: Former Fairway Cleaners and Laundry	Company Name: Trinity Source Group, Inc.	Project Manager: Warren Chamberlain	
	Office Location: Same as Pg. 1	Client PO: 575.002.002	
Site Location: 1600 Capitola Rd, Santa Cruz, CA	Submitted by: Thomas Dewey	Turn around time (check one): [X] Normal [ ] Rush (specify) ____ days	
	Email: Same as Pg. 1		

Field Sample ID	Start Date	Start Time	Stop Date	Stop Time	Sampling Hole Depth (cm)	Surface Type (Soil, Asphalt, Concrete, Gravel)	Optional Information (Location Description, Sample Condition, PID / FID Readings, etc)
PSG36	1/20/21	13:58	2/3/21	1249	12"	Soil	
PSG37	1/20/21	14:01	2/3/21	1247	12"	Soil	
PSG38	1/20/21	14:03	2/3/21	1244	12"	Soil	
PSG39	1/20/21	14:05	2/3/21	1241	12"	Soil	Probe submerged
TRIP 2	NA						
TRIP 1	NA						

Special Instructions: Report results in mg/m^3

Relinquished by (signature): [signature]	Date / Time: 2/3/21 1500 PST	Received by (signature): Allison Fellin	Date / Time: 02/04/2021 1200
Relinquished by (signature):	Date / Time:	Received by (signature):	Date / Time:
For Lab Use Only	Beacon Job No: 5610	Beacon Proposal: 210105R03	Analytical Method: 8260C
Courier Name: FedEx	Shipment Condition: Good	Custody Seal Intact: [X] Yes [ ] No [ ] n/a	Custody Seal No: 3389116

allison.felter@beacon-usa.com

From: Ryan Schneider <ryan.schneider@beacon-usa.com>
Sent: Monday, February 8, 2021 7:48 AM
To: Allison Felter
Subject: Fwd: Former Fairway Cleaners and Laundry, Santa Cruz, CA - BEACON #5610 Samples Received

Subject: Re: Former Fairway Cleaners and Laundry, Santa Cruz, CA - BEACON #5610 Samples Received
Date: Fri, 5 Feb 2021 15:38:44 -0800
From: Thomas Dewey <tcd@tsgcorp.net>
To: Ryan Schneider <ryan.schneider@beacon-usa.com>
CC: Warren Chamberlain <wbc@tsgcorp.net>, Labs TRINITY <labstrinity@gmail.com>, Anna Machulskaya <am@tsgcorp.net>

Hi Ryan,

We would like to analyze PSG20 for the duplicate analysis.

I will have our draftsperson create a figure according to your specifications and send it as soon as it's completed.

Thanks,
Thomas

On Fri, Feb 5, 2021 at 10:07 AM Ryan Schneider <ryan.schneider@beacon-usa.com> wrote:

> Good afternoon,
>
> This email is regarding the Former Fairway Cleaners and Laundry, Santa Cruz, CA project (BEACON Work Order #5610 / proposal 210105R03) - BEACON received two trip blanks and 39 field samples designated for analysis.
>
> Kindly see the attached files, including the signed Chain of Custody, pictures of the received package and samples, and sample login verification.
>
> **Our records indicate one duplicate quoted for this project. Would you like to designate the duplicate or have BEACON randomly assign it?** Sorbent sample holding times allow for duplicate analysis within 30 days of sample receipt.
>
> If we are to provide maps showing the results and you have yet to provide them, please provide the following:
> 1 - Scaled drawing of the site (e.g., AutoCad file, .DXF or .DWG) showing the relevant site features (buildings, roads, etc.) with final sample locations plotted and labeled; or .SHP files of relevant features as well as a spreadsheet with Eastings, Northings, and Sample Location IDs -- Note the Map parameters: system, zone, datum, and map units (for example - UTM, Zone 24S, WGS84, Meters)
> 2 - PDF file showing the sample locations on the map with the relevant features
> -- If you are collecting GPS coordinates of the sampling locations, please send us an Excel spreadsheet of coordinate data in the same system/zone as the scaled drawing. Include the Sample Location ID, Easting, and Northing (if possible, please use UTM meters rather than Lat/Long degrees to make the map more precise)

David Reinsma
Trinity Source Group
119 Encinal Street
Santa Cruz, California 95060
Tel: 831-426-5600;Cell 831-227 4724
Fax: 831-426-5602
Email: dar@tsgcorp.net

RE: Former Fairway Dry Cleaners

Work Order No.: 2103020

Dear David Reinsma:

Torrent Laboratory, Inc. received 10 sample(s) on March 02, 2021 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Kathie Evans
Project Manager

March 05, 2021
Date

Torrent LABORATORY, INC.

Date: 3/5/2021

Client: Trinity Source Group

Project: Former Fairway Dry Cleaners

Work Order: 2103020

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Laboratory, Inc.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 03/02/21
Date Reported: 03/05/21

SVP-3-5 2103020-001

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Disulfide	ETO15	1	0.37	1.6	4.4
2-Propanol (Isopropyl Alcohol)	ETO15	1	1.3	12	20
Acetone	ETO15	1	0.40	12	78
Hexane	ETO15	1	0.46	1.8	11
tert-Butanol	ETO15	1	0.62	1.5	14
Chloroform	ETO15	1	0.97	2.4	47
2-Butanone (MEK)	ETO15	1	0.39	1.5	13
Benzene	ETO15	1	0.44	1.6	4.4
Toluene	ETO15	1	0.75	1.9	35
4-Methyl-2-Pentanone (MIBK)	ETO15	1	0.75	2.1	7.9
Tetrachloroethylene	ETO15	1	1.5	3.4	39
2-Hexanone	ETO15	1	0.65	2.1	8.4
Ethyl Benzene	ETO15	1	0.63	2.2	9.5
m,p-Xylene	ETO15	1	0.98	2.2	27
o-Xylene	ETO15	1	0.30	2.2	12
4-Ethyl Toluene	ETO15	1	0.55	2.5	6.2
1,3,5-Trimethylbenzene	ETO15	1	0.30	2.5	3.0
1,2,4-Trimethylbenzene	ETO15	1	0.60	2.5	6.2

SVP-3-15 2103020-002

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Carbon Disulfide	ETO15	1	0.37	1.6	2.3
Acetone	ETO15	1	0.40	12	39
Hexane	ETO15	1	0.46	1.8	30
tert-Butanol	ETO15	1	0.62	1.5	7.1
Benzene	ETO15	1	0.44	1.6	13
Toluene	ETO15	1	0.75	1.9	38
Tetrachloroethylene	ETO15	1	1.5	3.4	36
Ethyl Benzene	ETO15	1	0.63	2.2	4.3
m,p-Xylene	ETO15	1	0.98	2.2	21
o-Xylene	ETO15	1	0.30	2.2	6.8
4-Ethyl Toluene	ETO15	1	0.55	2.5	5.1
1,3,5-Trimethylbenzene	ETO15	1	0.30	2.5	3.2
1,2,4-Trimethylbenzene	ETO15	1	0.60	2.5	6.5
Naphthalene	ETO15	1	1.3	2.6	3.8

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 03/02/21
Date Reported: 03/05/21

SVP-4-5 2103020-003

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Acetone	ETO15	10	4.0	120	260
Hexane	ETO15	10	4.6	18	19
tert-Butanol	ETO15	10	6.2	15	20
Chloroform	ETO15	10	9.7	24	29
2-Butanone (MEK)	ETO15	10	3.9	15	56
Toluene	ETO15	10	7.5	19	73
Tetrachloroethylene	ETO15	10	15	34	1700
m,p-Xylene	ETO15	10	9.8	22	54

SVP-4-15 2103020-004

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Tetrachloroethylene	ETO15	4800	7000	16000	670000

SS-1 2103020-005

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Tetrachloroethylene	ETO15	120	170	410	14000

SS-2 2103020-006

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Tetrachloroethylene	ETO15	9600	14000	33000	2700000

SS-3 2103020-007

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Acetone	ETO15	6	2.4	71	340
tert-Butanol	ETO15	6	3.7	9.1	69
Toluene	ETO15	6	4.5	11	21
Tetrachloroethylene	ETO15	6	8.7	20	1300
m,p-Xylene	ETO15	6	5.9	13	23
o-Xylene	ETO15	6	1.8	13	15

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 03/02/21
Date Reported: 03/05/21

SS-4 2103020-008

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Acetone	ETO15	6	2.4	71	210
tert-Butanol	ETO15	6	3.7	9.1	64
Chloroform	ETO15	6	5.8	15	33
Tetrachloroethylene	ETO15	6	8.7	20	930
m,p-Xylene	ETO15	6	5.9	13	30
o-Xylene	ETO15	6	1.8	13	26

SS-5 2103020-009

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Tetrachloroethylene	ETO15	10	15	34	2100

DUP 2103020-010

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Tetrachloroethylene	ETO15	10	15	34	2000

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SVP-3-5	**Lab Sample ID:**	2103020-001A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/01/21 / 13:16	**Certified Clean WO # :**	
Canister/Tube ID:	R3554	**Received PSI :**	10.5
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	1.00	1.6	2.5	ND	ND		03/02/21	20:23	BA	454647
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		03/02/21	20:23	BA	454647
1,2-Dichlorotetrafluoroethane	ETO15	1.00	1.4	3.5	ND	ND		03/02/21	20:23	BA	454647
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		03/02/21	20:23	BA	454647
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		03/02/21	20:23	BA	454647
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		03/02/21	20:23	BA	454647
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		03/02/21	20:23	BA	454647
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		03/02/21	20:23	BA	454647
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		03/02/21	20:23	BA	454647
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		03/02/21	20:23	BA	454647
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		03/02/21	20:23	BA	454647
Carbon Disulfide	ETO15	1.00	0.37	1.6	4.4	1.41		03/02/21	20:23	BA	454647
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	20	8.13		03/02/21	20:23	BA	454647
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		03/02/21	20:23	BA	454647
Acetone	ETO15	1.00	0.40	12	78	32.77		03/02/21	20:23	BA	454647
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		03/02/21	20:23	BA	454647
Hexane	ETO15	1.00	0.46	1.8	11	3.13		03/02/21	20:23	BA	454647
MTBE	ETO15	1.00	0.44	1.8	ND	ND		03/02/21	20:23	BA	454647
tert-Butanol	ETO15	1.00	0.62	1.5	14	4.62		03/02/21	20:23	BA	454647
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		03/02/21	20:23	BA	454647
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		03/02/21	20:23	BA	454647
ETBE	ETO15	1.00	0.33	2.1	ND	ND		03/02/21	20:23	BA	454647
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		03/02/21	20:23	BA	454647
Chloroform	ETO15	1.00	0.97	2.4	47	9.63		03/02/21	20:23	BA	454647
Vinyl Acetate	ETO15	1.00	0.76	1.8	ND	ND		03/02/21	20:23	BA	454647
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		03/02/21	20:23	BA	454647
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	ND	ND		03/02/21	20:23	BA	454647
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	13	4.41		03/02/21	20:23	BA	454647
Ethyl Acetate	ETO15	1.00	0.48	1.8	ND	ND		03/02/21	20:23	BA	454647
Tetrahydrofuran	ETO15	1.00	0.45	1.5	ND	ND		03/02/21	20:23	BA	454647
Benzene	ETO15	1.00	0.44	1.6	4.4	1.38		03/02/21	20:23	BA	454647
TAME	ETO15	1.00	0.67	2.1	ND	ND		03/02/21	20:23	BA	454647
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		03/02/21	20:23	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SVP-3-5	**Lab Sample ID:**	2103020-001A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/01/21 / 13:16	**Certified Clean WO # :**	
Canister/Tube ID:	R3554	**Received PSI :**	10.5
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		03/02/21	20:23	BA	454647
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		03/02/21	20:23	BA	454647
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		03/02/21	20:23	BA	454647
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		03/02/21	20:23	BA	454647
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		03/02/21	20:23	BA	454647
Toluene	ETO15	1.00	0.75	1.9	35	9.28		03/02/21	20:23	BA	454647
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	7.9	1.93		03/02/21	20:23	BA	454647
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		03/02/21	20:23	BA	454647
Tetrachloroethylene	ETO15	1.00	1.5	3.4	39	5.75		03/02/21	20:23	BA	454647
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	ND	ND		03/02/21	20:23	BA	454647
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		03/02/21	20:23	BA	454647
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		03/02/21	20:23	BA	454647
2-Hexanone	ETO15	1.00	0.65	2.1	8.4	2.05		03/02/21	20:23	BA	454647
Ethyl Benzene	ETO15	1.00	0.63	2.2	9.5	2.19		03/02/21	20:23	BA	454647
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		03/02/21	20:23	BA	454647
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		03/02/21	20:23	BA	454647
m,p-Xylene	ETO15	1.00	0.98	2.2	27	6.22		03/02/21	20:23	BA	454647
o-Xylene	ETO15	1.00	0.30	2.2	12	2.76		03/02/21	20:23	BA	454647
Styrene	ETO15	1.00	0.46	2.1	ND	ND		03/02/21	20:23	BA	454647
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		03/02/21	20:23	BA	454647
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		03/02/21	20:23	BA	454647
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	6.2	1.26		03/02/21	20:23	BA	454647
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	3.0	0.61		03/02/21	20:23	BA	454647
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	6.2	1.26		03/02/21	20:23	BA	454647
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		03/02/21	20:23	BA	454647
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		03/02/21	20:23	BA	454647
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		03/02/21	20:23	BA	454647
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		03/02/21	20:23	BA	454647
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		03/02/21	20:23	BA	454647
Naphthalene	ETO15	1.00	1.3	2.6	ND	ND		03/02/21	20:23	BA	454647
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	95 %			03/02/21	20:23	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SVP-3-15	**Lab Sample ID:**	2103020-002A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/01/21 / 13:17	**Certified Clean WO # :**	
Canister/Tube ID:	A7565	**Received PSI :**	12.4
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/3/21	7:45:00PM
Prep Batch ID:	1129748	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	1.00	1.6	2.5	ND	ND		03/03/21	23:21	BA	454695
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		03/03/21	23:21	BA	454695
1,2-Dichlorotetrafluoroethane	ETO15	1.00	1.4	3.5	ND	ND		03/03/21	23:21	BA	454695
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		03/03/21	23:21	BA	454695
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		03/03/21	23:21	BA	454695
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		03/03/21	23:21	BA	454695
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		03/03/21	23:21	BA	454695
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		03/03/21	23:21	BA	454695
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		03/03/21	23:21	BA	454695
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		03/03/21	23:21	BA	454695
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		03/03/21	23:21	BA	454695
Carbon Disulfide	ETO15	1.00	0.37	1.6	2.3	0.74		03/03/21	23:21	BA	454695
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	ND	ND		03/03/21	23:21	BA	454695
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		03/03/21	23:21	BA	454695
Acetone	ETO15	1.00	0.40	12	39	16.39		03/03/21	23:21	BA	454695
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		03/03/21	23:21	BA	454695
Hexane	ETO15	1.00	0.46	1.8	30	8.52		03/03/21	23:21	BA	454695
MTBE	ETO15	1.00	0.44	1.8	ND	ND		03/03/21	23:21	BA	454695
tert-Butanol	ETO15	1.00	0.62	1.5	7.1	2.34		03/03/21	23:21	BA	454695
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		03/03/21	23:21	BA	454695
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		03/03/21	23:21	BA	454695
ETBE	ETO15	1.00	0.33	2.1	ND	ND		03/03/21	23:21	BA	454695
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		03/03/21	23:21	BA	454695
Chloroform	ETO15	1.00	0.97	2.4	ND	ND		03/03/21	23:21	BA	454695
Vinyl Acetate	ETO15	1.00	0.76	1.8	ND	ND		03/03/21	23:21	BA	454695
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		03/03/21	23:21	BA	454695
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	ND	ND		03/03/21	23:21	BA	454695
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	ND	ND		03/03/21	23:21	BA	454695
Ethyl Acetate	ETO15	1.00	0.48	1.8	ND	ND		03/03/21	23:21	BA	454695
Tetrahydrofuran	ETO15	1.00	0.45	1.5	ND	ND		03/03/21	23:21	BA	454695
Benzene	ETO15	1.00	0.44	1.6	13	4.08		03/03/21	23:21	BA	454695
TAME	ETO15	1.00	0.67	2.1	ND	ND		03/03/21	23:21	BA	454695
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		03/03/21	23:21	BA	454695

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SVP-3-15	**Lab Sample ID:**	2103020-002A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/01/21 / 13:17	**Certified Clean WO # :**	
Canister/Tube ID:	A7565	**Received PSI :**	12.4
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/3/21	7:45:00PM
Prep Batch ID:	1129748	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		03/03/21	23:21	BA	454695
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		03/03/21	23:21	BA	454695
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		03/03/21	23:21	BA	454695
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		03/03/21	23:21	BA	454695
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		03/03/21	23:21	BA	454695
Toluene	ETO15	1.00	0.75	1.9	38	10.08		03/03/21	23:21	BA	454695
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	ND	ND		03/03/21	23:21	BA	454695
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		03/03/21	23:21	BA	454695
Tetrachloroethylene	ETO15	1.00	1.5	3.4	36	5.31		03/03/21	23:21	BA	454695
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	ND	ND		03/03/21	23:21	BA	454695
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		03/03/21	23:21	BA	454695
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		03/03/21	23:21	BA	454695
2-Hexanone	ETO15	1.00	0.65	2.1	ND	ND		03/03/21	23:21	BA	454695
Ethyl Benzene	ETO15	1.00	0.63	2.2	4.3	0.99		03/03/21	23:21	BA	454695
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		03/03/21	23:21	BA	454695
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		03/03/21	23:21	BA	454695
m,p-Xylene	ETO15	1.00	0.98	2.2	21	4.84		03/03/21	23:21	BA	454695
o-Xylene	ETO15	1.00	0.30	2.2	6.8	1.57		03/03/21	23:21	BA	454695
Styrene	ETO15	1.00	0.46	2.1	ND	ND		03/03/21	23:21	BA	454695
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		03/03/21	23:21	BA	454695
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		03/03/21	23:21	BA	454695
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	5.1	1.04		03/03/21	23:21	BA	454695
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	3.2	0.65		03/03/21	23:21	BA	454695
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	6.5	1.32		03/03/21	23:21	BA	454695
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		03/03/21	23:21	BA	454695
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		03/03/21	23:21	BA	454695
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		03/03/21	23:21	BA	454695
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		03/03/21	23:21	BA	454695
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		03/03/21	23:21	BA	454695
Naphthalene	ETO15	1.00	1.3	2.6	3.8	0.73		03/03/21	23:21	BA	454695
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	100 %			03/03/21	23:21	BA	454695

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SVP-4-5	**Lab Sample ID:**	2103020-003A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/01/21 / 12:00	**Certified Clean WO # :**	
Canister/Tube ID:	R3732	**Received PSI :**	12.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	10.00	16	25	ND	ND		03/03/21	6:05	BA	454647
1,1-Difluoroethane	ETO15	10.00	3.5	140	ND	ND		03/03/21	6:05	BA	454647
1,2-Dichlorotetrafluoroethane	ETO15	10.00	14	35	ND	ND		03/03/21	6:05	BA	454647
Chloromethane	ETO15	10.00	20	41	ND	ND		03/03/21	6:05	BA	454647
Vinyl Chloride	ETO15	10.00	2.3	13	ND	ND		03/03/21	6:05	BA	454647
1,3-Butadiene	ETO15	10.00	3.4	11	ND	ND		03/03/21	6:05	BA	454647
Bromomethane	ETO15	10.00	6.6	19	ND	ND		03/03/21	6:05	BA	454647
Chloroethane	ETO15	10.00	8.1	13	ND	ND		03/03/21	6:05	BA	454647
Trichlorofluoromethane	ETO15	10.00	5.6	28	ND	ND		03/03/21	6:05	BA	454647
1,1-Dichloroethene	ETO15	10.00	8.3	20	ND	ND		03/03/21	6:05	BA	454647
Freon 113	ETO15	10.00	10	38	ND	ND		03/03/21	6:05	BA	454647
Carbon Disulfide	ETO15	10.00	3.7	16	ND	ND		03/03/21	6:05	BA	454647
2-Propanol (Isopropyl Alcohol)	ETO15	10.00	13	120	ND	ND		03/03/21	6:05	BA	454647
Methylene Chloride	ETO15	10.00	7.0	100	ND	ND		03/03/21	6:05	BA	454647
Acetone	ETO15	10.00	4.0	120	260	109.24		03/03/21	6:05	BA	454647
trans-1,2-Dichloroethene	ETO15	10.00	4.8	20	ND	ND		03/03/21	6:05	BA	454647
Hexane	ETO15	10.00	4.6	18	19	5.40		03/03/21	6:05	BA	454647
MTBE	ETO15	10.00	4.4	18	ND	ND		03/03/21	6:05	BA	454647
tert-Butanol	ETO15	10.00	6.2	15	20	6.60		03/03/21	6:05	BA	454647
Diisopropyl ether (DIPE)	ETO15	10.00	7.4	21	ND	ND		03/03/21	6:05	BA	454647
1,1-Dichloroethane	ETO15	10.00	5.4	20	ND	ND		03/03/21	6:05	BA	454647
ETBE	ETO15	10.00	3.3	21	ND	ND		03/03/21	6:05	BA	454647
cis-1,2-Dichloroethene	ETO15	10.00	8.3	20	ND	ND		03/03/21	6:05	BA	454647
Chloroform	ETO15	10.00	9.7	24	29	5.94		03/03/21	6:05	BA	454647
Vinyl Acetate	ETO15	10.00	7.6	18	ND	ND		03/03/21	6:05	BA	454647
Carbon Tetrachloride	ETO15	10.00	11	31	ND	ND		03/03/21	6:05	BA	454647
1,1,1-Trichloroethane	ETO15	10.00	7.9	27	ND	ND		03/03/21	6:05	BA	454647
2-Butanone (MEK)	ETO15	10.00	3.9	15	56	18.98		03/03/21	6:05	BA	454647
Ethyl Acetate	ETO15	10.00	4.8	18	ND	ND		03/03/21	6:05	BA	454647
Tetrahydrofuran	ETO15	10.00	4.5	15	ND	ND		03/03/21	6:05	BA	454647
Benzene	ETO15	10.00	4.4	16	ND	ND		03/03/21	6:05	BA	454647
TAME	ETO15	10.00	6.7	21	ND	ND		03/03/21	6:05	BA	454647
1,2-Dichloroethane (EDC)	ETO15	10.00	4.2	20	ND	ND		03/03/21	6:05	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SVP-4-5	**Lab Sample ID:**	2103020-003A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/01/21 / 12:00	**Certified Clean WO # :**	
Canister/Tube ID:	R3732	**Received PSI :**	12.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	10.00	8.1	27	ND	ND		03/03/21	6:05	BA	454647
1,2-Dichloropropane	ETO15	10.00	7.6	23	ND	ND		03/03/21	6:05	BA	454647
Bromodichloromethane	ETO15	10.00	7.4	34	ND	ND		03/03/21	6:05	BA	454647
1,4-Dioxane	ETO15	10.00	18	36	ND	ND		03/03/21	6:05	BA	454647
trans-1,3-Dichloropropene	ETO15	10.00	11	23	ND	ND		03/03/21	6:05	BA	454647
Toluene	ETO15	10.00	7.5	19	73	19.36		03/03/21	6:05	BA	454647
4-Methyl-2-Pentanone (MIBK)	ETO15	10.00	7.5	21	ND	ND		03/03/21	6:05	BA	454647
cis-1,3-Dichloropropene	ETO15	10.00	4.2	23	ND	ND		03/03/21	6:05	BA	454647
Tetrachloroethylene	ETO15	10.00	15	34	1700	250.74		03/03/21	6:05	BA	454647
1,1,2-Trichloroethane	ETO15	10.00	5.8	27	ND	ND		03/03/21	6:05	BA	454647
Dibromochloromethane	ETO15	10.00	11	43	ND	ND		03/03/21	6:05	BA	454647
1,2-Dibromoethane (EDB)	ETO15	10.00	7.4	38	ND	ND		03/03/21	6:05	BA	454647
2-Hexanone	ETO15	10.00	6.5	21	ND	ND		03/03/21	6:05	BA	454647
Ethyl Benzene	ETO15	10.00	6.3	22	ND	ND		03/03/21	6:05	BA	454647
Chlorobenzene	ETO15	10.00	6.0	23	ND	ND		03/03/21	6:05	BA	454647
1,1,1,2-Tetrachloroethane	ETO15	10.00	8.4	34	ND	ND		03/03/21	6:05	BA	454647
m,p-Xylene	ETO15	10.00	9.8	22	54	12.44		03/03/21	6:05	BA	454647
o-Xylene	ETO15	10.00	3.0	22	ND	ND		03/03/21	6:05	BA	454647
Styrene	ETO15	10.00	4.6	21	ND	ND		03/03/21	6:05	BA	454647
Bromoform	ETO15	10.00	13	52	ND	ND		03/03/21	6:05	BA	454647
1,1,2,2-Tetrachloroethane	ETO15	10.00	8.2	34	ND	ND		03/03/21	6:05	BA	454647
4-Ethyl Toluene	ETO15	10.00	5.5	25	ND	ND		03/03/21	6:05	BA	454647
1,3,5-Trimethylbenzene	ETO15	10.00	3.0	25	ND	ND		03/03/21	6:05	BA	454647
1,2,4-Trimethylbenzene	ETO15	10.00	6.0	25	ND	ND		03/03/21	6:05	BA	454647
1,4-Dichlorobenzene	ETO15	10.00	7.5	30	ND	ND		03/03/21	6:05	BA	454647
1,3-Dichlorobenzene	ETO15	10.00	13	30	ND	ND		03/03/21	6:05	BA	454647
1,2-Dichlorobenzene	ETO15	10.00	11	30	ND	ND		03/03/21	6:05	BA	454647
Hexachlorobutadiene	ETO15	10.00	19	53	ND	ND		03/03/21	6:05	BA	454647
1,2,4-Trichlorobenzene	ETO15	10.00	22	37	ND	ND		03/03/21	6:05	BA	454647
Naphthalene	ETO15	10.00	13	26	ND	ND		03/03/21	6:05	BA	454647
(S) 4-Bromofluorobenzene	ETO15	10.00	50	150	92 %			03/03/21	6:05	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SVP-4-15	**Lab Sample ID:**	2103020-004A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/01/21 / 11:59	**Certified Clean WO # :**	
Canister/Tube ID:	N3974	**Received PSI :**	12.0
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	4,800	7500	12000	ND	ND		03/03/21	9:30	BA	454647
1,1-Difluoroethane	ETO15	4,800	1700	65000	ND	ND		03/03/21	9:30	BA	454647
1,2-Dichlorotetrafluoroethane	ETO15	4,800	6700	17000	ND	ND		03/03/21	9:30	BA	454647
Chloromethane	ETO15	4,800	9800	20000	ND	ND		03/03/21	9:30	BA	454647
Vinyl Chloride	ETO15	4,800	1100	6100	ND	ND		03/03/21	9:30	BA	454647
1,3-Butadiene	ETO15	4,800	1600	5300	ND	ND		03/03/21	9:30	BA	454647
Bromomethane	ETO15	4,800	3100	9300	ND	ND		03/03/21	9:30	BA	454647
Chloroethane	ETO15	4,800	3900	6300	ND	ND		03/03/21	9:30	BA	454647
Trichlorofluoromethane	ETO15	4,800	2700	13000	ND	ND		03/03/21	9:30	BA	454647
1,1-Dichloroethene	ETO15	4,800	4000	9500	ND	ND		03/03/21	9:30	BA	454647
Freon 113	ETO15	4,800	4900	18000	ND	ND		03/03/21	9:30	BA	454647
Carbon Disulfide	ETO15	4,800	1800	7500	ND	ND		03/03/21	9:30	BA	454647
2-Propanol (Isopropyl Alcohol)	ETO15	4,800	6100	59000	ND	ND		03/03/21	9:30	BA	454647
Methylene Chloride	ETO15	4,800	3400	50000	ND	ND		03/03/21	9:30	BA	454647
Acetone	ETO15	4,800	1900	57000	ND	ND		03/03/21	9:30	BA	454647
trans-1,2-Dichloroethene	ETO15	4,800	2300	9500	ND	ND		03/03/21	9:30	BA	454647
Hexane	ETO15	4,800	2200	8400	ND	ND		03/03/21	9:30	BA	454647
MTBE	ETO15	4,800	2100	8700	ND	ND		03/03/21	9:30	BA	454647
tert-Butanol	ETO15	4,800	3000	7300	ND	ND		03/03/21	9:30	BA	454647
Diisopropyl ether (DIPE)	ETO15	4,800	3500	10000	ND	ND		03/03/21	9:30	BA	454647
1,1-Dichloroethane	ETO15	4,800	2600	9700	ND	ND		03/03/21	9:30	BA	454647
ETBE	ETO15	4,800	1600	10000	ND	ND		03/03/21	9:30	BA	454647
cis-1,2-Dichloroethene	ETO15	4,800	4000	9500	ND	ND		03/03/21	9:30	BA	454647
Chloroform	ETO15	4,800	4600	12000	ND	ND		03/03/21	9:30	BA	454647
Vinyl Acetate	ETO15	4,800	3600	8400	ND	ND		03/03/21	9:30	BA	454647
Carbon Tetrachloride	ETO15	4,800	5300	15000	ND	ND		03/03/21	9:30	BA	454647
1,1,1-Trichloroethane	ETO15	4,800	3800	13000	ND	ND		03/03/21	9:30	BA	454647
2-Butanone (MEK)	ETO15	4,800	1900	7100	ND	ND		03/03/21	9:30	BA	454647
Ethyl Acetate	ETO15	4,800	2300	8600	ND	ND		03/03/21	9:30	BA	454647
Tetrahydrofuran	ETO15	4,800	2200	7100	ND	ND		03/03/21	9:30	BA	454647
Benzene	ETO15	4,800	2100	7700	ND	ND		03/03/21	9:30	BA	454647
TAME	ETO15	4,800	3200	10000	ND	ND		03/03/21	9:30	BA	454647
1,2-Dichloroethane (EDC)	ETO15	4,800	2000	9700	ND	ND		03/03/21	9:30	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SVP-4-15	**Lab Sample ID:**	2103020-004A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/01/21 / 11:59	**Certified Clean WO # :**	
Canister/Tube ID:	N3974	**Received PSI :**	12.0
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	4,800	3900	13000	ND	ND		03/03/21	9:30	BA	454647
1,2-Dichloropropane	ETO15	4,800	3700	11000	ND	ND		03/03/21	9:30	BA	454647
Bromodichloromethane	ETO15	4,800	3600	16000	ND	ND		03/03/21	9:30	BA	454647
1,4-Dioxane	ETO15	4,800	8600	17000	ND	ND		03/03/21	9:30	BA	454647
trans-1,3-Dichloropropene	ETO15	4,800	5100	11000	ND	ND		03/03/21	9:30	BA	454647
Toluene	ETO15	4,800	3600	9000	ND	ND		03/03/21	9:30	BA	454647
4-Methyl-2-Pentanone (MIBK)	ETO15	4,800	3600	9800	ND	ND		03/03/21	9:30	BA	454647
cis-1,3-Dichloropropene	ETO15	4,800	2000	11000	ND	ND		03/03/21	9:30	BA	454647
Tetrachloroethylene	ETO15	4,800	7000	16000	670000	98,820.06		03/03/21	9:30	BA	454647
1,1,2-Trichloroethane	ETO15	4,800	2800	13000	ND	ND		03/03/21	9:30	BA	454647
Dibromochloromethane	ETO15	4,800	5400	20000	ND	ND		03/03/21	9:30	BA	454647
1,2-Dibromoethane (EDB)	ETO15	4,800	3500	18000	ND	ND		03/03/21	9:30	BA	454647
2-Hexanone	ETO15	4,800	3100	9800	ND	ND		03/03/21	9:30	BA	454647
Ethyl Benzene	ETO15	4,800	3000	10000	ND	ND		03/03/21	9:30	BA	454647
Chlorobenzene	ETO15	4,800	2900	11000	ND	ND		03/03/21	9:30	BA	454647
1,1,1,2-Tetrachloroethane	ETO15	4,800	4000	16000	ND	ND		03/03/21	9:30	BA	454647
m,p-Xylene	ETO15	4,800	4700	10000	ND	ND		03/03/21	9:30	BA	454647
o-Xylene	ETO15	4,800	1500	10000	ND	ND		03/03/21	9:30	BA	454647
Styrene	ETO15	4,800	2200	10000	ND	ND		03/03/21	9:30	BA	454647
Bromoform	ETO15	4,800	6300	25000	ND	ND		03/03/21	9:30	BA	454647
1,1,2,2-Tetrachloroethane	ETO15	4,800	3900	16000	ND	ND		03/03/21	9:30	BA	454647
4-Ethyl Toluene	ETO15	4,800	2600	12000	ND	ND		03/03/21	9:30	BA	454647
1,3,5-Trimethylbenzene	ETO15	4,800	1400	12000	ND	ND		03/03/21	9:30	BA	454647
1,2,4-Trimethylbenzene	ETO15	4,800	2900	12000	ND	ND		03/03/21	9:30	BA	454647
1,4-Dichlorobenzene	ETO15	4,800	3600	14000	ND	ND		03/03/21	9:30	BA	454647
1,3-Dichlorobenzene	ETO15	4,800	6400	14000	ND	ND		03/03/21	9:30	BA	454647
1,2-Dichlorobenzene	ETO15	4,800	5100	14000	ND	ND		03/03/21	9:30	BA	454647
Hexachlorobutadiene	ETO15	4,800	8900	26000	ND	ND		03/03/21	9:30	BA	454647
1,2,4-Trichlorobenzene	ETO15	4,800	10000	18000	ND	ND		03/03/21	9:30	BA	454647
Naphthalene	ETO15	4,800	6100	13000	ND	ND		03/03/21	9:30	BA	454647
(S) 4-Bromofluorobenzene	ETO15	4,800	50	150	89 %			03/03/21	9:30	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SS-1	**Lab Sample ID:**	2103020-005A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/01/21 / 10:32	**Certified Clean WO # :**	
Canister/Tube ID:	6107	**Received PSI :**	11.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	120.0	190	300	ND	ND		03/03/21	9:54	BA	454647
1,1-Difluoroethane	ETO15	120.0	41	1600	ND	ND		03/03/21	9:54	BA	454647
1,2-Dichlorotetrafluoroethane	ETO15	120.0	170	420	ND	ND		03/03/21	9:54	BA	454647
Chloromethane	ETO15	120.0	250	500	ND	ND		03/03/21	9:54	BA	454647
Vinyl Chloride	ETO15	120.0	27	150	ND	ND		03/03/21	9:54	BA	454647
1,3-Butadiene	ETO15	120.0	41	130	ND	ND		03/03/21	9:54	BA	454647
Bromomethane	ETO15	120.0	79	230	ND	ND		03/03/21	9:54	BA	454647
Chloroethane	ETO15	120.0	98	160	ND	ND		03/03/21	9:54	BA	454647
Trichlorofluoromethane	ETO15	120.0	67	340	ND	ND		03/03/21	9:54	BA	454647
1,1-Dichloroethene	ETO15	120.0	99	240	ND	ND		03/03/21	9:54	BA	454647
Freon 113	ETO15	120.0	120	460	ND	ND		03/03/21	9:54	BA	454647
Carbon Disulfide	ETO15	120.0	45	190	ND	ND		03/03/21	9:54	BA	454647
2-Propanol (Isopropyl Alcohol)	ETO15	120.0	150	1500	ND	ND		03/03/21	9:54	BA	454647
Methylene Chloride	ETO15	120.0	84	1200	ND	ND		03/03/21	9:54	BA	454647
Acetone	ETO15	120.0	47	1400	ND	ND		03/03/21	9:54	BA	454647
trans-1,2-Dichloroethene	ETO15	120.0	57	240	ND	ND		03/03/21	9:54	BA	454647
Hexane	ETO15	120.0	56	210	ND	ND		03/03/21	9:54	BA	454647
MTBE	ETO15	120.0	53	220	ND	ND		03/03/21	9:54	BA	454647
tert-Butanol	ETO15	120.0	74	180	ND	ND		03/03/21	9:54	BA	454647
Diisopropyl ether (DIPE)	ETO15	120.0	88	250	ND	ND		03/03/21	9:54	BA	454647
1,1-Dichloroethane	ETO15	120.0	65	240	ND	ND		03/03/21	9:54	BA	454647
ETBE	ETO15	120.0	39	250	ND	ND		03/03/21	9:54	BA	454647
cis-1,2-Dichloroethene	ETO15	120.0	100	240	ND	ND		03/03/21	9:54	BA	454647
Chloroform	ETO15	120.0	120	290	ND	ND		03/03/21	9:54	BA	454647
Vinyl Acetate	ETO15	120.0	91	210	ND	ND		03/03/21	9:54	BA	454647
Carbon Tetrachloride	ETO15	120.0	130	380	ND	ND		03/03/21	9:54	BA	454647
1,1,1-Trichloroethane	ETO15	120.0	95	330	ND	ND		03/03/21	9:54	BA	454647
2-Butanone (MEK)	ETO15	120.0	47	180	ND	ND		03/03/21	9:54	BA	454647
Ethyl Acetate	ETO15	120.0	57	220	ND	ND		03/03/21	9:54	BA	454647
Tetrahydrofuran	ETO15	120.0	54	180	ND	ND		03/03/21	9:54	BA	454647
Benzene	ETO15	120.0	52	190	ND	ND		03/03/21	9:54	BA	454647
TAME	ETO15	120.0	81	250	ND	ND		03/03/21	9:54	BA	454647
1,2-Dichloroethane (EDC)	ETO15	120.0	51	240	ND	ND		03/03/21	9:54	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SS-1	**Lab Sample ID:**	2103020-005A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/01/21 / 10:32	**Certified Clean WO # :**	
Canister/Tube ID:	6107	**Received PSI :**	11.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	120.0	97	320	ND	ND		03/03/21	9:54	BA	454647
1,2-Dichloropropane	ETO15	120.0	91	280	ND	ND		03/03/21	9:54	BA	454647
Bromodichloromethane	ETO15	120.0	89	400	ND	ND		03/03/21	9:54	BA	454647
1,4-Dioxane	ETO15	120.0	220	430	ND	ND		03/03/21	9:54	BA	454647
trans-1,3-Dichloropropene	ETO15	120.0	130	270	ND	ND		03/03/21	9:54	BA	454647
Toluene	ETO15	120.0	90	230	ND	ND		03/03/21	9:54	BA	454647
4-Methyl-2-Pentanone (MIBK)	ETO15	120.0	90	250	ND	ND		03/03/21	9:54	BA	454647
cis-1,3-Dichloropropene	ETO15	120.0	51	270	ND	ND		03/03/21	9:54	BA	454647
Tetrachloroethylene	ETO15	120.0	170	410	14000	2,064.90		03/03/21	9:54	BA	454647
1,1,2-Trichloroethane	ETO15	120.0	70	330	ND	ND		03/03/21	9:54	BA	454647
Dibromochloromethane	ETO15	120.0	130	510	ND	ND		03/03/21	9:54	BA	454647
1,2-Dibromoethane (EDB)	ETO15	120.0	88	460	ND	ND		03/03/21	9:54	BA	454647
2-Hexanone	ETO15	120.0	78	250	ND	ND		03/03/21	9:54	BA	454647
Ethyl Benzene	ETO15	120.0	76	260	ND	ND		03/03/21	9:54	BA	454647
Chlorobenzene	ETO15	120.0	72	280	ND	ND		03/03/21	9:54	BA	454647
1,1,1,2-Tetrachloroethane	ETO15	120.0	100	410	ND	ND		03/03/21	9:54	BA	454647
m,p-Xylene	ETO15	120.0	120	260	ND	ND		03/03/21	9:54	BA	454647
o-Xylene	ETO15	120.0	36	260	ND	ND		03/03/21	9:54	BA	454647
Styrene	ETO15	120.0	56	260	ND	ND		03/03/21	9:54	BA	454647
Bromoform	ETO15	120.0	160	620	ND	ND		03/03/21	9:54	BA	454647
1,1,2,2-Tetrachloroethane	ETO15	120.0	98	410	ND	ND		03/03/21	9:54	BA	454647
4-Ethyl Toluene	ETO15	120.0	66	300	ND	ND		03/03/21	9:54	BA	454647
1,3,5-Trimethylbenzene	ETO15	120.0	36	300	ND	ND		03/03/21	9:54	BA	454647
1,2,4-Trimethylbenzene	ETO15	120.0	71	300	ND	ND		03/03/21	9:54	BA	454647
1,4-Dichlorobenzene	ETO15	120.0	89	360	ND	ND		03/03/21	9:54	BA	454647
1,3-Dichlorobenzene	ETO15	120.0	160	360	ND	ND		03/03/21	9:54	BA	454647
1,2-Dichlorobenzene	ETO15	120.0	130	360	ND	ND		03/03/21	9:54	BA	454647
Hexachlorobutadiene	ETO15	120.0	220	640	ND	ND		03/03/21	9:54	BA	454647
1,2,4-Trichlorobenzene	ETO15	120.0	260	450	ND	ND		03/03/21	9:54	BA	454647
Naphthalene	ETO15	120.0	150	310	ND	ND		03/03/21	9:54	BA	454647
(S) 4-Bromofluorobenzene	ETO15	120.0	50	150	91 %			03/03/21	9:54	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SS-2	**Lab Sample ID:**	2103020-006A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/01/21 / 10:15	**Certified Clean WO # :**	
Canister/Tube ID:	R3593	**Received PSI :**	12.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	9,600	15000	24000	ND	ND		03/03/21	11:41	BA	454647
1,1-Difluoroethane	ETO15	9,600	3300	130000	ND	ND		03/03/21	11:41	BA	454647
1,2-Dichlorotetrafluoroethane	ETO15	9,600	13000	34000	ND	ND		03/03/21	11:41	BA	454647
Chloromethane	ETO15	9,600	20000	40000	ND	ND		03/03/21	11:41	BA	454647
Vinyl Chloride	ETO15	9,600	2200	12000	ND	ND		03/03/21	11:41	BA	454647
1,3-Butadiene	ETO15	9,600	3300	11000	ND	ND		03/03/21	11:41	BA	454647
Bromomethane	ETO15	9,600	6300	19000	ND	ND		03/03/21	11:41	BA	454647
Chloroethane	ETO15	9,600	7800	13000	ND	ND		03/03/21	11:41	BA	454647
Trichlorofluoromethane	ETO15	9,600	5300	27000	ND	ND		03/03/21	11:41	BA	454647
1,1-Dichloroethene	ETO15	9,600	7900	19000	ND	ND		03/03/21	11:41	BA	454647
Freon 113	ETO15	9,600	9800	37000	ND	ND		03/03/21	11:41	BA	454647
Carbon Disulfide	ETO15	9,600	3600	15000	ND	ND		03/03/21	11:41	BA	454647
2-Propanol (Isopropyl Alcohol)	ETO15	9,600	12000	120000	ND	ND		03/03/21	11:41	BA	454647
Methylene Chloride	ETO15	9,600	6700	100000	ND	ND		03/03/21	11:41	BA	454647
Acetone	ETO15	9,600	3800	110000	ND	ND		03/03/21	11:41	BA	454647
trans-1,2-Dichloroethene	ETO15	9,600	4600	19000	ND	ND		03/03/21	11:41	BA	454647
Hexane	ETO15	9,600	4500	17000	ND	ND		03/03/21	11:41	BA	454647
MTBE	ETO15	9,600	4300	17000	ND	ND		03/03/21	11:41	BA	454647
tert-Butanol	ETO15	9,600	5900	15000	ND	ND		03/03/21	11:41	BA	454647
Diisopropyl ether (DIPE)	ETO15	9,600	7100	20000	ND	ND		03/03/21	11:41	BA	454647
1,1-Dichloroethane	ETO15	9,600	5200	19000	ND	ND		03/03/21	11:41	BA	454647
ETBE	ETO15	9,600	3100	20000	ND	ND		03/03/21	11:41	BA	454647
cis-1,2-Dichloroethene	ETO15	9,600	8000	19000	ND	ND		03/03/21	11:41	BA	454647
Chloroform	ETO15	9,600	9300	23000	ND	ND		03/03/21	11:41	BA	454647
Vinyl Acetate	ETO15	9,600	7300	17000	ND	ND		03/03/21	11:41	BA	454647
Carbon Tetrachloride	ETO15	9,600	11000	30000	ND	ND		03/03/21	11:41	BA	454647
1,1,1-Trichloroethane	ETO15	9,600	7600	26000	ND	ND		03/03/21	11:41	BA	454647
2-Butanone (MEK)	ETO15	9,600	3700	14000	ND	ND		03/03/21	11:41	BA	454647
Ethyl Acetate	ETO15	9,600	4600	17000	ND	ND		03/03/21	11:41	BA	454647
Tetrahydrofuran	ETO15	9,600	4300	14000	ND	ND		03/03/21	11:41	BA	454647
Benzene	ETO15	9,600	4200	15000	ND	ND		03/03/21	11:41	BA	454647
TAME	ETO15	9,600	6500	20000	ND	ND		03/03/21	11:41	BA	454647
1,2-Dichloroethane (EDC)	ETO15	9,600	4000	19000	ND	ND		03/03/21	11:41	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SS-2	**Lab Sample ID:**	2103020-006A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/01/21 / 10:15	**Certified Clean WO # :**	
Canister/Tube ID:	R3593	**Received PSI :**	12.9
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	9,600	7700	26000	ND	ND		03/03/21	11:41	BA	454647
1,2-Dichloropropane	ETO15	9,600	7300	22000	ND	ND		03/03/21	11:41	BA	454647
Bromodichloromethane	ETO15	9,600	7100	32000	ND	ND		03/03/21	11:41	BA	454647
1,4-Dioxane	ETO15	9,600	17000	35000	ND	ND		03/03/21	11:41	BA	454647
trans-1,3-Dichloropropene	ETO15	9,600	10000	22000	ND	ND		03/03/21	11:41	BA	454647
Toluene	ETO15	9,600	7200	18000	ND	ND		03/03/21	11:41	BA	454647
4-Methyl-2-Pentanone (MIBK)	ETO15	9,600	7200	20000	ND	ND		03/03/21	11:41	BA	454647
cis-1,3-Dichloropropene	ETO15	9,600	4100	22000	ND	ND		03/03/21	11:41	BA	454647
Tetrachloroethylene	ETO15	9,600	14000	33000	2700000	398,230.09		03/03/21	11:41	BA	454647
1,1,2-Trichloroethane	ETO15	9,600	5600	26000	ND	ND		03/03/21	11:41	BA	454647
Dibromochloromethane	ETO15	9,600	11000	41000	ND	ND		03/03/21	11:41	BA	454647
1,2-Dibromoethane (EDB)	ETO15	9,600	7100	37000	ND	ND		03/03/21	11:41	BA	454647
2-Hexanone	ETO15	9,600	6300	20000	ND	ND		03/03/21	11:41	BA	454647
Ethyl Benzene	ETO15	9,600	6000	21000	ND	ND		03/03/21	11:41	BA	454647
Chlorobenzene	ETO15	9,600	5700	22000	ND	ND		03/03/21	11:41	BA	454647
1,1,1,2-Tetrachloroethane	ETO15	9,600	8000	33000	ND	ND		03/03/21	11:41	BA	454647
m,p-Xylene	ETO15	9,600	9400	21000	ND	ND		03/03/21	11:41	BA	454647
o-Xylene	ETO15	9,600	2900	21000	ND	ND		03/03/21	11:41	BA	454647
Styrene	ETO15	9,600	4500	20000	ND	ND		03/03/21	11:41	BA	454647
Bromoform	ETO15	9,600	13000	50000	ND	ND		03/03/21	11:41	BA	454647
1,1,2,2-Tetrachloroethane	ETO15	9,600	7800	33000	ND	ND		03/03/21	11:41	BA	454647
4-Ethyl Toluene	ETO15	9,600	5200	24000	ND	ND		03/03/21	11:41	BA	454647
1,3,5-Trimethylbenzene	ETO15	9,600	2900	24000	ND	ND		03/03/21	11:41	BA	454647
1,2,4-Trimethylbenzene	ETO15	9,600	5700	24000	ND	ND		03/03/21	11:41	BA	454647
1,4-Dichlorobenzene	ETO15	9,600	7200	29000	ND	ND		03/03/21	11:41	BA	454647
1,3-Dichlorobenzene	ETO15	9,600	13000	29000	ND	ND		03/03/21	11:41	BA	454647
1,2-Dichlorobenzene	ETO15	9,600	10000	29000	ND	ND		03/03/21	11:41	BA	454647
Hexachlorobutadiene	ETO15	9,600	18000	51000	ND	ND		03/03/21	11:41	BA	454647
1,2,4-Trichlorobenzene	ETO15	9,600	21000	36000	ND	ND		03/03/21	11:41	BA	454647
Naphthalene	ETO15	9,600	12000	25000	ND	ND		03/03/21	11:41	BA	454647
(S) 4-Bromofluorobenzene	ETO15	9,600	50	150	95 %			03/03/21	11:41	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SS-3	**Lab Sample ID:**	2103020-007A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 8:39	**Certified Clean WO # :**	
Canister/Tube ID:	R3588	**Received PSI :**	13.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	6.00	9.4	15	ND	ND		03/03/21	6:30	BA	454647
1,1-Difluoroethane	ETO15	6.00	2.1	81	ND	ND		03/03/21	6:30	BA	454647
1,2-Dichlorotetrafluoroethane	ETO15	6.00	8.4	21	ND	ND		03/03/21	6:30	BA	454647
Chloromethane	ETO15	6.00	12	25	ND	ND		03/03/21	6:30	BA	454647
Vinyl Chloride	ETO15	6.00	1.4	7.7	ND	ND		03/03/21	6:30	BA	454647
1,3-Butadiene	ETO15	6.00	2.0	6.6	ND	ND		03/03/21	6:30	BA	454647
Bromomethane	ETO15	6.00	3.9	12	ND	ND		03/03/21	6:30	BA	454647
Chloroethane	ETO15	6.00	4.9	7.9	ND	ND		03/03/21	6:30	BA	454647
Trichlorofluoromethane	ETO15	6.00	3.3	17	ND	ND		03/03/21	6:30	BA	454647
1,1-Dichloroethene	ETO15	6.00	5.0	12	ND	ND		03/03/21	6:30	BA	454647
Freon 113	ETO15	6.00	6.1	23	ND	ND		03/03/21	6:30	BA	454647
Carbon Disulfide	ETO15	6.00	2.2	9.3	ND	ND		03/03/21	6:30	BA	454647
2-Propanol (Isopropyl Alcohol)	ETO15	6.00	7.7	74	ND	ND		03/03/21	6:30	BA	454647
Methylene Chloride	ETO15	6.00	4.2	62	ND	ND		03/03/21	6:30	BA	454647
Acetone	ETO15	6.00	2.4	71	340	142.86		03/03/21	6:30	BA	454647
trans-1,2-Dichloroethene	ETO15	6.00	2.9	12	ND	ND		03/03/21	6:30	BA	454647
Hexane	ETO15	6.00	2.8	11	ND	ND		03/03/21	6:30	BA	454647
MTBE	ETO15	6.00	2.7	11	ND	ND		03/03/21	6:30	BA	454647
tert-Butanol	ETO15	6.00	3.7	9.1	69	22.77		03/03/21	6:30	BA	454647
Diisopropyl ether (DIPE)	ETO15	6.00	4.4	13	ND	ND		03/03/21	6:30	BA	454647
1,1-Dichloroethane	ETO15	6.00	3.3	12	ND	ND		03/03/21	6:30	BA	454647
ETBE	ETO15	6.00	2.0	13	ND	ND		03/03/21	6:30	BA	454647
cis-1,2-Dichloroethene	ETO15	6.00	5.0	12	ND	ND		03/03/21	6:30	BA	454647
Chloroform	ETO15	6.00	5.8	15	ND	ND		03/03/21	6:30	BA	454647
Vinyl Acetate	ETO15	6.00	4.5	11	ND	ND		03/03/21	6:30	BA	454647
Carbon Tetrachloride	ETO15	6.00	6.6	19	ND	ND		03/03/21	6:30	BA	454647
1,1,1-Trichloroethane	ETO15	6.00	4.8	16	ND	ND		03/03/21	6:30	BA	454647
2-Butanone (MEK)	ETO15	6.00	2.3	8.9	ND	ND		03/03/21	6:30	BA	454647
Ethyl Acetate	ETO15	6.00	2.9	11	ND	ND		03/03/21	6:30	BA	454647
Tetrahydrofuran	ETO15	6.00	2.7	8.9	ND	ND		03/03/21	6:30	BA	454647
Benzene	ETO15	6.00	2.6	9.6	ND	ND		03/03/21	6:30	BA	454647
TAME	ETO15	6.00	4.0	13	ND	ND		03/03/21	6:30	BA	454647
1,2-Dichloroethane (EDC)	ETO15	6.00	2.5	12	ND	ND		03/03/21	6:30	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SS-3	**Lab Sample ID:**	2103020-007A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 8:39	**Certified Clean WO # :**	
Canister/Tube ID:	R3588	**Received PSI :**	13.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	6.00	4.8	16	ND	ND		03/03/21	6:30	BA	454647
1,2-Dichloropropane	ETO15	6.00	4.6	14	ND	ND		03/03/21	6:30	BA	454647
Bromodichloromethane	ETO15	6.00	4.5	20	ND	ND		03/03/21	6:30	BA	454647
1,4-Dioxane	ETO15	6.00	11	22	ND	ND		03/03/21	6:30	BA	454647
trans-1,3-Dichloropropene	ETO15	6.00	6.4	14	ND	ND		03/03/21	6:30	BA	454647
Toluene	ETO15	6.00	4.5	11	21	5.57		03/03/21	6:30	BA	454647
4-Methyl-2-Pentanone (MIBK)	ETO15	6.00	4.5	12	ND	ND		03/03/21	6:30	BA	454647
cis-1,3-Dichloropropene	ETO15	6.00	2.5	14	ND	ND		03/03/21	6:30	BA	454647
Tetrachloroethylene	ETO15	6.00	8.7	20	1300	191.74		03/03/21	6:30	BA	454647
1,1,2-Trichloroethane	ETO15	6.00	3.5	16	ND	ND		03/03/21	6:30	BA	454647
Dibromochloromethane	ETO15	6.00	6.7	26	ND	ND		03/03/21	6:30	BA	454647
1,2-Dibromoethane (EDB)	ETO15	6.00	4.4	23	ND	ND		03/03/21	6:30	BA	454647
2-Hexanone	ETO15	6.00	3.9	12	ND	ND		03/03/21	6:30	BA	454647
Ethyl Benzene	ETO15	6.00	3.8	13	ND	ND		03/03/21	6:30	BA	454647
Chlorobenzene	ETO15	6.00	3.6	14	ND	ND		03/03/21	6:30	BA	454647
1,1,1,2-Tetrachloroethane	ETO15	6.00	5.0	21	ND	ND		03/03/21	6:30	BA	454647
m,p-Xylene	ETO15	6.00	5.9	13	23	5.30		03/03/21	6:30	BA	454647
o-Xylene	ETO15	6.00	1.8	13	15	3.46		03/03/21	6:30	BA	454647
Styrene	ETO15	6.00	2.8	13	ND	ND		03/03/21	6:30	BA	454647
Bromoform	ETO15	6.00	7.8	31	ND	ND		03/03/21	6:30	BA	454647
1,1,2,2-Tetrachloroethane	ETO15	6.00	4.9	21	ND	ND		03/03/21	6:30	BA	454647
4-Ethyl Toluene	ETO15	6.00	3.3	15	ND	ND		03/03/21	6:30	BA	454647
1,3,5-Trimethylbenzene	ETO15	6.00	1.8	15	ND	ND		03/03/21	6:30	BA	454647
1,2,4-Trimethylbenzene	ETO15	6.00	3.6	15	ND	ND		03/03/21	6:30	BA	454647
1,4-Dichlorobenzene	ETO15	6.00	4.5	18	ND	ND		03/03/21	6:30	BA	454647
1,3-Dichlorobenzene	ETO15	6.00	8.0	18	ND	ND		03/03/21	6:30	BA	454647
1,2-Dichlorobenzene	ETO15	6.00	6.4	18	ND	ND		03/03/21	6:30	BA	454647
Hexachlorobutadiene	ETO15	6.00	11	32	ND	ND		03/03/21	6:30	BA	454647
1,2,4-Trichlorobenzene	ETO15	6.00	13	22	ND	ND		03/03/21	6:30	BA	454647
Naphthalene	ETO15	6.00	7.6	16	ND	ND		03/03/21	6:30	BA	454647
(S) 4-Bromofluorobenzene	ETO15	6.00	50	150	91 %			03/03/21	6:30	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SS-4	**Lab Sample ID:**	2103020-008A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 9:40	**Certified Clean WO # :**	
Canister/Tube ID:	6116	**Received PSI :**	13.0
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	6.00	9.4	15	ND	ND		03/03/21	6:55	BA	454647
1,1-Difluoroethane	ETO15	6.00	2.1	81	ND	ND		03/03/21	6:55	BA	454647
1,2-Dichlorotetrafluoroethane	ETO15	6.00	8.4	21	ND	ND		03/03/21	6:55	BA	454647
Chloromethane	ETO15	6.00	12	25	ND	ND		03/03/21	6:55	BA	454647
Vinyl Chloride	ETO15	6.00	1.4	7.7	ND	ND		03/03/21	6:55	BA	454647
1,3-Butadiene	ETO15	6.00	2.0	6.6	ND	ND		03/03/21	6:55	BA	454647
Bromomethane	ETO15	6.00	3.9	12	ND	ND		03/03/21	6:55	BA	454647
Chloroethane	ETO15	6.00	4.9	7.9	ND	ND		03/03/21	6:55	BA	454647
Trichlorofluoromethane	ETO15	6.00	3.3	17	ND	ND		03/03/21	6:55	BA	454647
1,1-Dichloroethene	ETO15	6.00	5.0	12	ND	ND		03/03/21	6:55	BA	454647
Freon 113	ETO15	6.00	6.1	23	ND	ND		03/03/21	6:55	BA	454647
Carbon Disulfide	ETO15	6.00	2.2	9.3	ND	ND		03/03/21	6:55	BA	454647
2-Propanol (Isopropyl Alcohol)	ETO15	6.00	7.7	74	ND	ND		03/03/21	6:55	BA	454647
Methylene Chloride	ETO15	6.00	4.2	62	ND	ND		03/03/21	6:55	BA	454647
Acetone	ETO15	6.00	2.4	71	210	88.24		03/03/21	6:55	BA	454647
trans-1,2-Dichloroethene	ETO15	6.00	2.9	12	ND	ND		03/03/21	6:55	BA	454647
Hexane	ETO15	6.00	2.8	11	ND	ND		03/03/21	6:55	BA	454647
MTBE	ETO15	6.00	2.7	11	ND	ND		03/03/21	6:55	BA	454647
tert-Butanol	ETO15	6.00	3.7	9.1	64	21.12		03/03/21	6:55	BA	454647
Diisopropyl ether (DIPE)	ETO15	6.00	4.4	13	ND	ND		03/03/21	6:55	BA	454647
1,1-Dichloroethane	ETO15	6.00	3.3	12	ND	ND		03/03/21	6:55	BA	454647
ETBE	ETO15	6.00	2.0	13	ND	ND		03/03/21	6:55	BA	454647
cis-1,2-Dichloroethene	ETO15	6.00	5.0	12	ND	ND		03/03/21	6:55	BA	454647
Chloroform	ETO15	6.00	5.8	15	33	6.76		03/03/21	6:55	BA	454647
Vinyl Acetate	ETO15	6.00	4.5	11	ND	ND		03/03/21	6:55	BA	454647
Carbon Tetrachloride	ETO15	6.00	6.6	19	ND	ND		03/03/21	6:55	BA	454647
1,1,1-Trichloroethane	ETO15	6.00	4.8	16	ND	ND		03/03/21	6:55	BA	454647
2-Butanone (MEK)	ETO15	6.00	2.3	8.9	ND	ND		03/03/21	6:55	BA	454647
Ethyl Acetate	ETO15	6.00	2.9	11	ND	ND		03/03/21	6:55	BA	454647
Tetrahydrofuran	ETO15	6.00	2.7	8.9	ND	ND		03/03/21	6:55	BA	454647
Benzene	ETO15	6.00	2.6	9.6	ND	ND		03/03/21	6:55	BA	454647
TAME	ETO15	6.00	4.0	13	ND	ND		03/03/21	6:55	BA	454647
1,2-Dichloroethane (EDC)	ETO15	6.00	2.5	12	ND	ND		03/03/21	6:55	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SS-4	**Lab Sample ID:**	2103020-008A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 9:40	**Certified Clean WO # :**	
Canister/Tube ID:	6116	**Received PSI :**	13.0
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	6.00	4.8	16	ND	ND		03/03/21	6:55	BA	454647
1,2-Dichloropropane	ETO15	6.00	4.6	14	ND	ND		03/03/21	6:55	BA	454647
Bromodichloromethane	ETO15	6.00	4.5	20	ND	ND		03/03/21	6:55	BA	454647
1,4-Dioxane	ETO15	6.00	11	22	ND	ND		03/03/21	6:55	BA	454647
trans-1,3-Dichloropropene	ETO15	6.00	6.4	14	ND	ND		03/03/21	6:55	BA	454647
Toluene	ETO15	6.00	4.5	11	ND	ND		03/03/21	6:55	BA	454647
4-Methyl-2-Pentanone (MIBK)	ETO15	6.00	4.5	12	ND	ND		03/03/21	6:55	BA	454647
cis-1,3-Dichloropropene	ETO15	6.00	2.5	14	ND	ND		03/03/21	6:55	BA	454647
Tetrachloroethylene	ETO15	6.00	8.7	20	930	137.17		03/03/21	6:55	BA	454647
1,1,2-Trichloroethane	ETO15	6.00	3.5	16	ND	ND		03/03/21	6:55	BA	454647
Dibromochloromethane	ETO15	6.00	6.7	26	ND	ND		03/03/21	6:55	BA	454647
1,2-Dibromoethane (EDB)	ETO15	6.00	4.4	23	ND	ND		03/03/21	6:55	BA	454647
2-Hexanone	ETO15	6.00	3.9	12	ND	ND		03/03/21	6:55	BA	454647
Ethyl Benzene	ETO15	6.00	3.8	13	ND	ND		03/03/21	6:55	BA	454647
Chlorobenzene	ETO15	6.00	3.6	14	ND	ND		03/03/21	6:55	BA	454647
1,1,1,2-Tetrachloroethane	ETO15	6.00	5.0	21	ND	ND		03/03/21	6:55	BA	454647
m,p-Xylene	ETO15	6.00	5.9	13	30	6.91		03/03/21	6:55	BA	454647
o-Xylene	ETO15	6.00	1.8	13	26	5.99		03/03/21	6:55	BA	454647
Styrene	ETO15	6.00	2.8	13	ND	ND		03/03/21	6:55	BA	454647
Bromoform	ETO15	6.00	7.8	31	ND	ND		03/03/21	6:55	BA	454647
1,1,2,2-Tetrachloroethane	ETO15	6.00	4.9	21	ND	ND		03/03/21	6:55	BA	454647
4-Ethyl Toluene	ETO15	6.00	3.3	15	ND	ND		03/03/21	6:55	BA	454647
1,3,5-Trimethylbenzene	ETO15	6.00	1.8	15	ND	ND		03/03/21	6:55	BA	454647
1,2,4-Trimethylbenzene	ETO15	6.00	3.6	15	ND	ND		03/03/21	6:55	BA	454647
1,4-Dichlorobenzene	ETO15	6.00	4.5	18	ND	ND		03/03/21	6:55	BA	454647
1,3-Dichlorobenzene	ETO15	6.00	8.0	18	ND	ND		03/03/21	6:55	BA	454647
1,2-Dichlorobenzene	ETO15	6.00	6.4	18	ND	ND		03/03/21	6:55	BA	454647
Hexachlorobutadiene	ETO15	6.00	11	32	ND	ND		03/03/21	6:55	BA	454647
1,2,4-Trichlorobenzene	ETO15	6.00	13	22	ND	ND		03/03/21	6:55	BA	454647
Naphthalene	ETO15	6.00	7.6	16	ND	ND		03/03/21	6:55	BA	454647
(S) 4-Bromofluorobenzene	ETO15	6.00	50	150	92 %			03/03/21	6:55	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SS-5	**Lab Sample ID:**	2103020-009A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 9:12	**Certified Clean WO # :**	
Canister/Tube ID:	N3978	**Received PSI :**	12.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	10.00	16	25	ND	ND		03/03/21	7:20	BA	454647
1,1-Difluoroethane	ETO15	10.00	3.5	140	ND	ND		03/03/21	7:20	BA	454647
1,2-Dichlorotetrafluoroethane	ETO15	10.00	14	35	ND	ND		03/03/21	7:20	BA	454647
Chloromethane	ETO15	10.00	20	41	ND	ND		03/03/21	7:20	BA	454647
Vinyl Chloride	ETO15	10.00	2.3	13	ND	ND		03/03/21	7:20	BA	454647
1,3-Butadiene	ETO15	10.00	3.4	11	ND	ND		03/03/21	7:20	BA	454647
Bromomethane	ETO15	10.00	6.6	19	ND	ND		03/03/21	7:20	BA	454647
Chloroethane	ETO15	10.00	8.1	13	ND	ND		03/03/21	7:20	BA	454647
Trichlorofluoromethane	ETO15	10.00	5.6	28	ND	ND		03/03/21	7:20	BA	454647
1,1-Dichloroethene	ETO15	10.00	8.3	20	ND	ND		03/03/21	7:20	BA	454647
Freon 113	ETO15	10.00	10	38	ND	ND		03/03/21	7:20	BA	454647
Carbon Disulfide	ETO15	10.00	3.7	16	ND	ND		03/03/21	7:20	BA	454647
2-Propanol (Isopropyl Alcohol)	ETO15	10.00	13	120	ND	ND		03/03/21	7:20	BA	454647
Methylene Chloride	ETO15	10.00	7.0	100	ND	ND		03/03/21	7:20	BA	454647
Acetone	ETO15	10.00	4.0	120	ND	ND		03/03/21	7:20	BA	454647
trans-1,2-Dichloroethene	ETO15	10.00	4.8	20	ND	ND		03/03/21	7:20	BA	454647
Hexane	ETO15	10.00	4.6	18	ND	ND		03/03/21	7:20	BA	454647
MTBE	ETO15	10.00	4.4	18	ND	ND		03/03/21	7:20	BA	454647
tert-Butanol	ETO15	10.00	6.2	15	ND	ND		03/03/21	7:20	BA	454647
Diisopropyl ether (DIPE)	ETO15	10.00	7.4	21	ND	ND		03/03/21	7:20	BA	454647
1,1-Dichloroethane	ETO15	10.00	5.4	20	ND	ND		03/03/21	7:20	BA	454647
ETBE	ETO15	10.00	3.3	21	ND	ND		03/03/21	7:20	BA	454647
cis-1,2-Dichloroethene	ETO15	10.00	8.3	20	ND	ND		03/03/21	7:20	BA	454647
Chloroform	ETO15	10.00	9.7	24	ND	ND		03/03/21	7:20	BA	454647
Vinyl Acetate	ETO15	10.00	7.6	18	ND	ND		03/03/21	7:20	BA	454647
Carbon Tetrachloride	ETO15	10.00	11	31	ND	ND		03/03/21	7:20	BA	454647
1,1,1-Trichloroethane	ETO15	10.00	7.9	27	ND	ND		03/03/21	7:20	BA	454647
2-Butanone (MEK)	ETO15	10.00	3.9	15	ND	ND		03/03/21	7:20	BA	454647
Ethyl Acetate	ETO15	10.00	4.8	18	ND	ND		03/03/21	7:20	BA	454647
Tetrahydrofuran	ETO15	10.00	4.5	15	ND	ND		03/03/21	7:20	BA	454647
Benzene	ETO15	10.00	4.4	16	ND	ND		03/03/21	7:20	BA	454647
TAME	ETO15	10.00	6.7	21	ND	ND		03/03/21	7:20	BA	454647
1,2-Dichloroethane (EDC)	ETO15	10.00	4.2	20	ND	ND		03/03/21	7:20	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	SS-5	**Lab Sample ID:**	2103020-009A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 9:12	**Certified Clean WO # :**	
Canister/Tube ID:	N3978	**Received PSI :**	12.8
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	10.00	8.1	27	ND	ND		03/03/21	7:20	BA	454647
1,2-Dichloropropane	ETO15	10.00	7.6	23	ND	ND		03/03/21	7:20	BA	454647
Bromodichloromethane	ETO15	10.00	7.4	34	ND	ND		03/03/21	7:20	BA	454647
1,4-Dioxane	ETO15	10.00	18	36	ND	ND		03/03/21	7:20	BA	454647
trans-1,3-Dichloropropene	ETO15	10.00	11	23	ND	ND		03/03/21	7:20	BA	454647
Toluene	ETO15	10.00	7.5	19	ND	ND		03/03/21	7:20	BA	454647
4-Methyl-2-Pentanone (MIBK)	ETO15	10.00	7.5	21	ND	ND		03/03/21	7:20	BA	454647
cis-1,3-Dichloropropene	ETO15	10.00	4.2	23	ND	ND		03/03/21	7:20	BA	454647
Tetrachloroethylene	ETO15	10.00	15	34	2100	309.73		03/03/21	7:20	BA	454647
1,1,2-Trichloroethane	ETO15	10.00	5.8	27	ND	ND		03/03/21	7:20	BA	454647
Dibromochloromethane	ETO15	10.00	11	43	ND	ND		03/03/21	7:20	BA	454647
1,2-Dibromoethane (EDB)	ETO15	10.00	7.4	38	ND	ND		03/03/21	7:20	BA	454647
2-Hexanone	ETO15	10.00	6.5	21	ND	ND		03/03/21	7:20	BA	454647
Ethyl Benzene	ETO15	10.00	6.3	22	ND	ND		03/03/21	7:20	BA	454647
Chlorobenzene	ETO15	10.00	6.0	23	ND	ND		03/03/21	7:20	BA	454647
1,1,1,2-Tetrachloroethane	ETO15	10.00	8.4	34	ND	ND		03/03/21	7:20	BA	454647
m,p-Xylene	ETO15	10.00	9.8	22	ND	ND		03/03/21	7:20	BA	454647
o-Xylene	ETO15	10.00	3.0	22	ND	ND		03/03/21	7:20	BA	454647
Styrene	ETO15	10.00	4.6	21	ND	ND		03/03/21	7:20	BA	454647
Bromoform	ETO15	10.00	13	52	ND	ND		03/03/21	7:20	BA	454647
1,1,2,2-Tetrachloroethane	ETO15	10.00	8.2	34	ND	ND		03/03/21	7:20	BA	454647
4-Ethyl Toluene	ETO15	10.00	5.5	25	ND	ND		03/03/21	7:20	BA	454647
1,3,5-Trimethylbenzene	ETO15	10.00	3.0	25	ND	ND		03/03/21	7:20	BA	454647
1,2,4-Trimethylbenzene	ETO15	10.00	6.0	25	ND	ND		03/03/21	7:20	BA	454647
1,4-Dichlorobenzene	ETO15	10.00	7.5	30	ND	ND		03/03/21	7:20	BA	454647
1,3-Dichlorobenzene	ETO15	10.00	13	30	ND	ND		03/03/21	7:20	BA	454647
1,2-Dichlorobenzene	ETO15	10.00	11	30	ND	ND		03/03/21	7:20	BA	454647
Hexachlorobutadiene	ETO15	10.00	19	53	ND	ND		03/03/21	7:20	BA	454647
1,2,4-Trichlorobenzene	ETO15	10.00	22	37	ND	ND		03/03/21	7:20	BA	454647
Naphthalene	ETO15	10.00	13	26	ND	ND		03/03/21	7:20	BA	454647
(S) 4-Bromofluorobenzene	ETO15	10.00	50	150	91 %			03/03/21	7:20	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	DUP	**Lab Sample ID:**	2103020-010A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 /	**Certified Clean WO # :**	
Canister/Tube ID:	R3563	**Received PSI :**	13.0
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	10.00	16	25	ND	ND		03/03/21	7:44	BA	454647
1,1-Difluoroethane	ETO15	10.00	3.5	140	ND	ND		03/03/21	7:44	BA	454647
1,2-Dichlorotetrafluoroethane	ETO15	10.00	14	35	ND	ND		03/03/21	7:44	BA	454647
Chloromethane	ETO15	10.00	20	41	ND	ND		03/03/21	7:44	BA	454647
Vinyl Chloride	ETO15	10.00	2.3	13	ND	ND		03/03/21	7:44	BA	454647
1,3-Butadiene	ETO15	10.00	3.4	11	ND	ND		03/03/21	7:44	BA	454647
Bromomethane	ETO15	10.00	6.6	19	ND	ND		03/03/21	7:44	BA	454647
Chloroethane	ETO15	10.00	8.1	13	ND	ND		03/03/21	7:44	BA	454647
Trichlorofluoromethane	ETO15	10.00	5.6	28	ND	ND		03/03/21	7:44	BA	454647
1,1-Dichloroethene	ETO15	10.00	8.3	20	ND	ND		03/03/21	7:44	BA	454647
Freon 113	ETO15	10.00	10	38	ND	ND		03/03/21	7:44	BA	454647
Carbon Disulfide	ETO15	10.00	3.7	16	ND	ND		03/03/21	7:44	BA	454647
2-Propanol (Isopropyl Alcohol)	ETO15	10.00	13	120	ND	ND		03/03/21	7:44	BA	454647
Methylene Chloride	ETO15	10.00	7.0	100	ND	ND		03/03/21	7:44	BA	454647
Acetone	ETO15	10.00	4.0	120	ND	ND		03/03/21	7:44	BA	454647
trans-1,2-Dichloroethene	ETO15	10.00	4.8	20	ND	ND		03/03/21	7:44	BA	454647
Hexane	ETO15	10.00	4.6	18	ND	ND		03/03/21	7:44	BA	454647
MTBE	ETO15	10.00	4.4	18	ND	ND		03/03/21	7:44	BA	454647
tert-Butanol	ETO15	10.00	6.2	15	ND	ND		03/03/21	7:44	BA	454647
Diisopropyl ether (DIPE)	ETO15	10.00	7.4	21	ND	ND		03/03/21	7:44	BA	454647
1,1-Dichloroethane	ETO15	10.00	5.4	20	ND	ND		03/03/21	7:44	BA	454647
ETBE	ETO15	10.00	3.3	21	ND	ND		03/03/21	7:44	BA	454647
cis-1,2-Dichloroethene	ETO15	10.00	8.3	20	ND	ND		03/03/21	7:44	BA	454647
Chloroform	ETO15	10.00	9.7	24	ND	ND		03/03/21	7:44	BA	454647
Vinyl Acetate	ETO15	10.00	7.6	18	ND	ND		03/03/21	7:44	BA	454647
Carbon Tetrachloride	ETO15	10.00	11	31	ND	ND		03/03/21	7:44	BA	454647
1,1,1-Trichloroethane	ETO15	10.00	7.9	27	ND	ND		03/03/21	7:44	BA	454647
2-Butanone (MEK)	ETO15	10.00	3.9	15	ND	ND		03/03/21	7:44	BA	454647
Ethyl Acetate	ETO15	10.00	4.8	18	ND	ND		03/03/21	7:44	BA	454647
Tetrahydrofuran	ETO15	10.00	4.5	15	ND	ND		03/03/21	7:44	BA	454647
Benzene	ETO15	10.00	4.4	16	ND	ND		03/03/21	7:44	BA	454647
TAME	ETO15	10.00	6.7	21	ND	ND		03/03/21	7:44	BA	454647
1,2-Dichloroethane (EDC)	ETO15	10.00	4.2	20	ND	ND		03/03/21	7:44	BA	454647

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/02/21, 12:30 pm
Date Reported: 03/05/21

Client Sample ID:	DUP	**Lab Sample ID:**	2103020-010A
Project Name/Location:	Former Fairway Dry Cleaners	**Sample Matrix:**	Air
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 /	**Certified Clean WO # :**	
Canister/Tube ID:	R3563	**Received PSI :**	13.0
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/2/21	12:54:00PM
Prep Batch ID:	1129694	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	10.00	8.1	27	ND	ND		03/03/21	7:44	BA	454647
1,2-Dichloropropane	ETO15	10.00	7.6	23	ND	ND		03/03/21	7:44	BA	454647
Bromodichloromethane	ETO15	10.00	7.4	34	ND	ND		03/03/21	7:44	BA	454647
1,4-Dioxane	ETO15	10.00	18	36	ND	ND		03/03/21	7:44	BA	454647
trans-1,3-Dichloropropene	ETO15	10.00	11	23	ND	ND		03/03/21	7:44	BA	454647
Toluene	ETO15	10.00	7.5	19	ND	ND		03/03/21	7:44	BA	454647
4-Methyl-2-Pentanone (MIBK)	ETO15	10.00	7.5	21	ND	ND		03/03/21	7:44	BA	454647
cis-1,3-Dichloropropene	ETO15	10.00	4.2	23	ND	ND		03/03/21	7:44	BA	454647
Tetrachloroethylene	ETO15	10.00	15	34	2000	294.99		03/03/21	7:44	BA	454647
1,1,2-Trichloroethane	ETO15	10.00	5.8	27	ND	ND		03/03/21	7:44	BA	454647
Dibromochloromethane	ETO15	10.00	11	43	ND	ND		03/03/21	7:44	BA	454647
1,2-Dibromoethane (EDB)	ETO15	10.00	7.4	38	ND	ND		03/03/21	7:44	BA	454647
2-Hexanone	ETO15	10.00	6.5	21	ND	ND		03/03/21	7:44	BA	454647
Ethyl Benzene	ETO15	10.00	6.3	22	ND	ND		03/03/21	7:44	BA	454647
Chlorobenzene	ETO15	10.00	6.0	23	ND	ND		03/03/21	7:44	BA	454647
1,1,1,2-Tetrachloroethane	ETO15	10.00	8.4	34	ND	ND		03/03/21	7:44	BA	454647
m,p-Xylene	ETO15	10.00	9.8	22	ND	ND		03/03/21	7:44	BA	454647
o-Xylene	ETO15	10.00	3.0	22	ND	ND		03/03/21	7:44	BA	454647
Styrene	ETO15	10.00	4.6	21	ND	ND		03/03/21	7:44	BA	454647
Bromoform	ETO15	10.00	13	52	ND	ND		03/03/21	7:44	BA	454647
1,1,2,2-Tetrachloroethane	ETO15	10.00	8.2	34	ND	ND		03/03/21	7:44	BA	454647
4-Ethyl Toluene	ETO15	10.00	5.5	25	ND	ND		03/03/21	7:44	BA	454647
1,3,5-Trimethylbenzene	ETO15	10.00	3.0	25	ND	ND		03/03/21	7:44	BA	454647
1,2,4-Trimethylbenzene	ETO15	10.00	6.0	25	ND	ND		03/03/21	7:44	BA	454647
1,4-Dichlorobenzene	ETO15	10.00	7.5	30	ND	ND		03/03/21	7:44	BA	454647
1,3-Dichlorobenzene	ETO15	10.00	13	30	ND	ND		03/03/21	7:44	BA	454647
1,2-Dichlorobenzene	ETO15	10.00	11	30	ND	ND		03/03/21	7:44	BA	454647
Hexachlorobutadiene	ETO15	10.00	19	53	ND	ND		03/03/21	7:44	BA	454647
1,2,4-Trichlorobenzene	ETO15	10.00	22	37	ND	ND		03/03/21	7:44	BA	454647
Naphthalene	ETO15	10.00	13	26	ND	ND		03/03/21	7:44	BA	454647
(S) 4-Bromofluorobenzene	ETO15	10.00	50	150	87 %			03/03/21	7:44	BA	454647

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103020	**Prep Method:**	TO15-P	**Prep Date:**	03/02/21	**Prep Batch:**	1129694
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/2/2021	**Analytical Batch:**	454647
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.32	0.50	ND	
1,1-Difluoroethane	0.13	5.0	ND	
1,2-Dichlorotetrafluoroethane	0.20	0.50	ND	
Chloromethane	0.99	2.0	ND	
Vinyl Chloride	0.088	0.50	ND	
1,3-Butadiene	0.15	0.50	ND	
Bromomethane	0.17	0.50	0.19	
Chloroethane	0.31	0.50	ND	
Trichlorofluoromethane	0.099	0.50	ND	
1,1-Dichloroethene	0.21	0.50	ND	
Freon 113	0.13	0.50	ND	
Carbon Disulfide	0.12	0.50	ND	
2-Propanol (Isopropyl Alcohol)	0.52	5.0	ND	
Methylene Chloride	0.20	3.0	ND	
Acetone	0.17	5.0	0.18	
trans-1,2-Dichloroethene	0.12	0.50	ND	
Hexane	0.13	0.50	ND	
MTBE	0.12	0.50	ND	
tert-Butanol	0.20	0.50	ND	
Diisopropyl ether (DIPE)	0.18	0.50	ND	
1,1-Dichloroethane	0.13	0.50	ND	
ETBE	0.078	0.50	ND	
cis-1,2-Dichloroethene	0.21	0.50	ND	
Chloroform	0.20	0.50	ND	
Vinyl Acetate	0.22	0.50	ND	
Carbon Tetrachloride	0.18	0.50	ND	
1,1,1-Trichloroethane	0.15	0.50	ND	
2-Butanone (MEK)	0.13	0.50	ND	
Ethyl Acetate	0.13	0.50	ND	
Tetrahydrofuran	0.15	0.50	ND	
Benzene	0.14	0.50	ND	
TAME	0.16	0.50	ND	
1,2-Dichloroethane (EDC)	0.10	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
1,2-Dichloropropane	0.17	0.50	ND	
Bromodichloromethane	0.11	0.50	ND	
1,4-Dioxane	0.50	1.0	ND	
trans-1,3-Dichloropropene	0.23	0.50	ND	
Toluene	0.20	0.50	ND	
4-Methyl-2-Pentanone (MIBK)	0.18	0.50	ND	
cis-1,3-Dichloropropene	0.093	0.50	ND	
Tetrachloroethylene	0.22	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103020	**Prep Method:**	TO15-P	**Prep Date:**	03/02/21	**Prep Batch:**	1129694
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/2/2021	**Analytical Batch:**	454647
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
1,1,2-Trichloroethane	0.11	0.50	ND	
Dibromochloromethane	0.13	0.50	ND	
1,2-Dibromoethane (EDB)	0.096	0.50	ND	
2-Hexanone	0.16	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
Chlorobenzene	0.13	0.50	ND	
1,1,1,2-Tetrachloroethane	0.12	0.50	ND	
m,p-Xylene	0.23	0.50	ND	
o-Xylene	0.070	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.13	0.50	ND	
1,1,2,2-Tetrachloroethane	0.12	0.50	ND	
4-Ethyl Toluene	0.11	0.50	ND	
1,3,5-Trimethylbenzene	0.061	0.50	ND	
1,2,4-Trimethylbenzene	0.12	0.50	ND	
1,4-Dichlorobenzene	0.12	0.50	ND	
1,3-Dichlorobenzene	0.22	0.50	ND	
1,2-Dichlorobenzene	0.18	0.50	ND	
Hexachlorobutadiene	0.17	0.50	ND	
1,2,4-Trichlorobenzene	0.29	0.50	ND	
Naphthalene	0.24	0.50	ND	
Cyclohexane	0.50	0.50	ND	
Benzyl Chloride	0.20	0.50	ND	
Heptane	0.13	0.50	ND	
(S) 4-Bromofluorobenzene			90	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103020	**Prep Method:**	TO15-P	**Prep Date:**	03/03/21	**Prep Batch:**	1129748
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/3/2021	**Analytical Batch:**	454695
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.32	0.50	ND	
1,1-Difluoroethane	0.13	5.0	ND	
1,2-Dichlorotetrafluoroethane	0.20	0.50	ND	
Chloromethane	0.99	2.0	ND	
Vinyl Chloride	0.088	0.50	ND	
1,3-Butadiene	0.15	0.50	ND	
Bromomethane	0.17	0.50	ND	
Chloroethane	0.31	0.50	ND	
Trichlorofluoromethane	0.099	0.50	ND	
1,1-Dichloroethene	0.21	0.50	ND	
Freon 113	0.13	0.50	ND	
Carbon Disulfide	0.12	0.50	ND	
2-Propanol (Isopropyl Alcohol)	0.52	5.0	ND	
Methylene Chloride	0.20	3.0	ND	
Acetone	0.17	5.0	ND	
trans-1,2-Dichloroethene	0.12	0.50	ND	
Hexane	0.13	0.50	ND	
MTBE	0.12	0.50	ND	
tert-Butanol	0.20	0.50	ND	
Diisopropyl ether (DIPE)	0.18	0.50	ND	
1,1-Dichloroethane	0.13	0.50	ND	
ETBE	0.078	0.50	ND	
cis-1,2-Dichloroethene	0.21	0.50	ND	
Chloroform	0.20	0.50	ND	
Vinyl Acetate	0.22	0.50	ND	
Carbon Tetrachloride	0.18	0.50	ND	
1,1,1-Trichloroethane	0.15	0.50	ND	
2-Butanone (MEK)	0.13	0.50	ND	
Ethyl Acetate	0.13	0.50	0.14	
Tetrahydrofuran	0.15	0.50	ND	
Benzene	0.14	0.50	ND	
TAME	0.16	0.50	ND	
1,2-Dichloroethane (EDC)	0.10	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
1,2-Dichloropropane	0.17	0.50	ND	
Bromodichloromethane	0.11	0.50	ND	
1,4-Dioxane	0.50	1.0	ND	
trans-1,3-Dichloropropene	0.23	0.50	ND	
Toluene	0.20	0.50	ND	
4-Methyl-2-Pentanone (MIBK)	0.18	0.50	ND	
cis-1,3-Dichloropropene	0.093	0.50	ND	
Tetrachloroethylene	0.22	0.50	0.31	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103020	**Prep Method:**	TO15-P	**Prep Date:**	03/03/21	**Prep Batch:**	1129748
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/3/2021	**Analytical Batch:**	454695
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
1,1,2-Trichloroethane	0.11	0.50	ND	
Dibromochloromethane	0.13	0.50	ND	
1,2-Dibromoethane (EDB)	0.096	0.50	ND	
2-Hexanone	0.16	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
Chlorobenzene	0.13	0.50	ND	
1,1,1,2-Tetrachloroethane	0.12	0.50	ND	
m,p-Xylene	0.23	0.50	ND	
o-Xylene	0.070	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.13	0.50	ND	
1,1,2,2-Tetrachloroethane	0.12	0.50	ND	
4-Ethyl Toluene	0.11	0.50	ND	
1,3,5-Trimethylbenzene	0.061	0.50	ND	
1,2,4-Trimethylbenzene	0.12	0.50	ND	
1,4-Dichlorobenzene	0.12	0.50	ND	
1,3-Dichlorobenzene	0.22	0.50	ND	
1,2-Dichlorobenzene	0.18	0.50	ND	
Hexachlorobutadiene	0.17	0.50	ND	
1,2,4-Trichlorobenzene	0.29	0.50	ND	
Naphthalene	0.24	0.50	ND	
Cyclohexane	0.50	0.50	ND	
Benzyl Chloride	0.20	0.50	ND	
Heptane	0.13	0.50	ND	
(S) 4-Bromofluorobenzene			96	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2103020	**Prep Method:**	TO15-P	**Prep Date:**	03/02/21	**Prep Batch:**	1129694
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/2/2021	**Analytical Batch:**	454647
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.21	0.50	ND	8.00	109	112	3.62	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	92.8	92.3	0.541	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	109	107	1.51	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	102	99.7	1.99	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	98.2	99.5	1.39	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	94.2	95.2		50 - 150		

Work Order:	2103020	**Prep Method:**	TO15-P	**Prep Date:**	03/03/21	**Prep Batch:**	1129748
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/3/2021	**Analytical Batch:**	454695
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.21	0.50	ND	8.00	118	119	0.846	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	92.5	93.9	1.48	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	102	106	3.74	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	99.5	101	1.74	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	98.3	100	1.77	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	97.1	96.7		50 - 150		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg/m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Trinity Source Group

Project Name: Former Fairway Dry Cleaners

Work Order No.: 2103020

Date and Time Received: 3/2/2021 12:30:00PM

Received By: Katherene Evans

Physically Logged By: Katherene Evans

Checklist Completed By: Katherene Evans

Carrier Name: First Courier

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes
Container/Temp Blank temperature in compliance?	Temperature: °C
Water-VOA vials have zero headspace?	No VOA vials submitted
Water-pH acceptable upon receipt?	N/A
pH Checked by: na	pH Adjusted by: na

Comments:

Summas rec'd at ambient temperature

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5109 Trinity Source Group
Project Name: Former Fairway Dry Cleaners
Project # : 575.002.003
Report Due Date: 3/5/2021

QC Level: II
TAT Requested: 3 Day Std:3
Date Received: 3/2/2021
Time Received: 12:30 pm

Comments:

Work Order # : ***2103020***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2103020-001A	SVP-3-5	03/01/21 13:16	Air				VOC_A_TO15	
Sample Note:	IPA=Leak check							
2103020-002A	SVP-3-15	03/01/21 13:17	Air				VOC_A_TO15	
2103020-003A	SVP-4-5	03/01/21 12:00	Air				VOC_A_TO15	
Sample Note:	Canister ID R3732							
2103020-004A	SVP-4-15	03/01/21 11:59	Air				VOC_A_TO15	
2103020-005A	SS-1	03/01/21 10:32	Air				VOC_A_TO15	
2103020-006A	SS-2	03/01/21 10:15	Air				VOC_A_TO15	
2103020-007A	SS-3	03/02/21 8:39	Air				VOC_A_TO15	
2103020-008A	SS-4	03/02/21 9:40	Air				VOC_A_TO15	
2103020-009A	SS-5	03/02/21 9:12	Air				VOC_A_TO15	
2103020-010A	DUP	03/02/21	Air				VOC_A_TO15	

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.
483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 2103020

Company Name: Trinity Source Group, Inc ☐ ☑ Env. ☐ Special	Project #: 1600 Capitola Rd, Santa Cruz PO #: 575.002.003
Address: 119 Encinal St	Project Name: Former Fairway Dry Cleaners
City: Santa Cruz State: CA Zip Code: 95060	Comments:
Telephone: 831.426.5600 Cell:	SAMPLER: A.M, D.K. Quote #:
REPORT TO: David Reinsma BILL TO: Trinity	EMAIL: labstrinity@gmail.com

TURNAROUND TIME: ☐ 10 Work Days ☐ 4 Work Days ☐ 1 Work Day ☐ 7 Work Days ☑ 3 Work Days ☐ Noon - Nxt Day ☐ 5 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours

SAMPLE TYPE: ☐ Indoor Air ☐ Ambient Air ☑ Soil/Gas Vapor ☐ Other

REPORT FORMAT: ☐ Level II - Std. ☑ Excel - EDD ☐ EDF ☐ Std.-EDD ☐ QC Level III ☐ QC Level IV

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	CANISTER I.D.	Initial Vac.	Final Vac.	Flow Controller #	TO 15	~~TO 15 SIM~~ IPA as leak det.	TO 17				REMARKS
001A	SVP 3-5	3/1/21 1316	Air	1	6L 1L	R3554	-22	-4	DE-14	X	X					
002A	SVP-3-15	3/1/21 1317	Air	1	6L 1L	A7565	-26 ~~-18~~ A.M.	-4	DE-63	X	X					
003A	SVP-4-5	3/1/21 1200	Air	1	6L 1L	1230	-28	-4	DE-53	X	X					
004A	SVP-4-15	3/1/21 11:59	Air	1	6L 1L	N3974	-26	-4	DE52	X	X					
005A	SS-1	3.1.21 1032	Air	1	6L 1L	6107	-26	-4	DE-1	X	X					
006A	SS-2	3.1.21 1015	Air	1	6L 1L	R3543	-27	-4	DE-81	X	X					
007A	SS-3	3/2/21 0839	↓	1	6L 1L	R3588	-26	-4	DE-85	X	X					
008A	SS4	3.2.21 0940	↓	1	6L 1L	6116	-26	-4	DE84	X	X					
009A	SS-5	3.2.21 0912	↓	1	6L 1L	N3978	-26	-4	DE-39	X	X					
010A	DUP	3.2.21 NA	↓	1	6L 1L	R3563	-26	-4	NA	X	X					

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	[signature]	Anna Machulskaya	3/2/21	11:23	Sterling Jones	[signature]	3/2/21	11:23
2	[signature]	Sterling Jones	3/2/21	~~11:24~~ 12:30	Kaeme	[signature]	3-2-21	12:30

Were Samples Received in Good Condition? ☑ Yes ☐ NO Samples on Ice? ☐ Yes ☐ NO Method of Shipment FCS Sample seals intact? ☐ Yes ☐ NO ☑ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Log In By: Date: Labeled By: Date: Summas rec'd @ ambient temp Temp °C Page of Rev 4

David Reinsma
Trinity Source Group
119 Encinal Street
Santa Cruz, California 95060
Tel: 831-426-5600;Cell 831-227 4724
Fax: 831-426-5602
Email: dar@tsgcorp.net

RE: 1600 Capitola Rd, Santa Cruz, CA

Work Order No.: 2103042

Dear David Reinsma:

Torrent Laboratory, Inc. received 7 sample(s) on March 03, 2021 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Kathie Evans
Project Manager

March 08, 2021
Date

Date: 3/8/2021

Client: Trinity Source Group

Project: 1600 Capitola Rd, Santa Cruz, CA

Work Order: 2103042

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Laboratory, Inc.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 03/03/21
Date Reported: 03/08/21

SVP-1-15 2103042-001

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Tetrachloroethylene	ETO15	9600	14000	33000	4600000

SVP-1-5 2103042-002

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Tetrachloroethylene	ETO15	400	580	1400	82000

SVP-2-5 2103042-003

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Acetone	ETO15	10.8	4.3	130	320
Hexane	ETO15	10.8	5.0	19	280
tert-Butanol	ETO15	10.8	6.7	16	46
2-Butanone (MEK)	ETO15	10.8	4.2	16	52
Benzene	ETO15	10.8	4.7	17	62
Toluene	ETO15	10.8	8.1	20	240
4-Methyl-2-Pentanone (MIBK)	ETO15	10.8	8.1	22	100
Tetrachloroethylene	ETO15	10.8	16	37	920
Ethyl Benzene	ETO15	10.8	6.8	23	55
m,p-Xylene	ETO15	10.8	11	23	140
o-Xylene	ETO15	10.8	3.3	23	48

SVP-5-15 2103042-004

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Tetrachloroethylene	ETO15	400	580	1400	64000

SVP-5-5 2103042-005

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
2-Propanol (Isopropyl Alcohol)	ETO15	10	13	120	4300
Tetrachloroethylene	ETO15	10	15	34	190

SVP-2-15 2103042-006

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Tetrachloroethylene	ETO15	2400	3500	8100	280000

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 03/03/21
Date Reported: 03/08/21

DUP-2

2103042-007

Parameters:	Analysis Method	DF	MDL	PQL	Results ug/m3
Tetrachloroethylene	ETO15	19200	28000	65000	4900000

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SVP-1-15	**Lab Sample ID:**	2103042-001A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Air
Project Number:			
Date/Time Sampled:	03/02/21 / 17:52	**Certified Clean WO # :**	
Canister/Tube ID:	A7481	**Received PSI :**	12.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/8/21	12:45:00AM
Prep Batch ID:	1129818	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	9,600	15000	24000	ND	ND		03/08/21	6:38	BA	454750
1,1-Difluoroethane	ETO15	9,600	3300	130000	ND	ND		03/08/21	6:38	BA	454750
1,2-Dichlorotetrafluoroethane	ETO15	9,600	13000	34000	ND	ND		03/08/21	6:38	BA	454750
Chloromethane	ETO15	9,600	20000	40000	ND	ND		03/08/21	6:38	BA	454750
Vinyl Chloride	ETO15	9,600	2200	12000	ND	ND		03/08/21	6:38	BA	454750
1,3-Butadiene	ETO15	9,600	3300	11000	ND	ND		03/08/21	6:38	BA	454750
Bromomethane	ETO15	9,600	6300	19000	ND	ND		03/08/21	6:38	BA	454750
Chloroethane	ETO15	9,600	7800	13000	ND	ND		03/08/21	6:38	BA	454750
Trichlorofluoromethane	ETO15	9,600	5300	27000	ND	ND		03/08/21	6:38	BA	454750
1,1-Dichloroethene	ETO15	9,600	7900	19000	ND	ND		03/08/21	6:38	BA	454750
Freon 113	ETO15	9,600	9800	37000	ND	ND		03/08/21	6:38	BA	454750
Carbon Disulfide	ETO15	9,600	3600	15000	ND	ND		03/08/21	6:38	BA	454750
2-Propanol (Isopropyl Alcohol)	ETO15	9,600	12000	120000	ND	ND		03/08/21	6:38	BA	454750
Methylene Chloride	ETO15	9,600	6700	100000	ND	ND		03/08/21	6:38	BA	454750
Acetone	ETO15	9,600	3800	110000	ND	ND		03/08/21	6:38	BA	454750
trans-1,2-Dichloroethene	ETO15	9,600	4600	19000	ND	ND		03/08/21	6:38	BA	454750
Hexane	ETO15	9,600	4500	17000	ND	ND		03/08/21	6:38	BA	454750
MTBE	ETO15	9,600	4300	17000	ND	ND		03/08/21	6:38	BA	454750
tert-Butanol	ETO15	9,600	5900	15000	ND	ND		03/08/21	6:38	BA	454750
Diisopropyl ether (DIPE)	ETO15	9,600	7100	20000	ND	ND		03/08/21	6:38	BA	454750
1,1-Dichloroethane	ETO15	9,600	5200	19000	ND	ND		03/08/21	6:38	BA	454750
ETBE	ETO15	9,600	3100	20000	ND	ND		03/08/21	6:38	BA	454750
cis-1,2-Dichloroethene	ETO15	9,600	8000	19000	ND	ND		03/08/21	6:38	BA	454750
Chloroform	ETO15	9,600	9300	23000	ND	ND		03/08/21	6:38	BA	454750
Vinyl Acetate	ETO15	9,600	7300	17000	ND	ND		03/08/21	6:38	BA	454750
Carbon Tetrachloride	ETO15	9,600	11000	30000	ND	ND		03/08/21	6:38	BA	454750
1,1,1-Trichloroethane	ETO15	9,600	7600	26000	ND	ND		03/08/21	6:38	BA	454750
2-Butanone (MEK)	ETO15	9,600	3700	14000	ND	ND		03/08/21	6:38	BA	454750
Ethyl Acetate	ETO15	9,600	4600	17000	ND	ND		03/08/21	6:38	BA	454750
Tetrahydrofuran	ETO15	9,600	4300	14000	ND	ND		03/08/21	6:38	BA	454750
Benzene	ETO15	9,600	4200	15000	ND	ND		03/08/21	6:38	BA	454750
TAME	ETO15	9,600	6500	20000	ND	ND		03/08/21	6:38	BA	454750
1,2-Dichloroethane (EDC)	ETO15	9,600	4000	19000	ND	ND		03/08/21	6:38	BA	454750

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SVP-1-15	**Lab Sample ID:**	2103042-001A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Air
Project Number:			
Date/Time Sampled:	03/02/21 / 17:52	**Certified Clean WO # :**	
Canister/Tube ID:	A7481	**Received PSI :**	12.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/8/21	12:45:00AM
Prep Batch ID:	1129818	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	9,600	7700	26000	ND	ND		03/08/21	6:38	BA	454750
1,2-Dichloropropane	ETO15	9,600	7300	22000	ND	ND		03/08/21	6:38	BA	454750
Bromodichloromethane	ETO15	9,600	7100	32000	ND	ND		03/08/21	6:38	BA	454750
1,4-Dioxane	ETO15	9,600	17000	35000	ND	ND		03/08/21	6:38	BA	454750
trans-1,3-Dichloropropene	ETO15	9,600	10000	22000	ND	ND		03/08/21	6:38	BA	454750
Toluene	ETO15	9,600	7200	18000	ND	ND		03/08/21	6:38	BA	454750
4-Methyl-2-Pentanone (MIBK)	ETO15	9,600	7200	20000	ND	ND		03/08/21	6:38	BA	454750
cis-1,3-Dichloropropene	ETO15	9,600	4100	22000	ND	ND		03/08/21	6:38	BA	454750
Tetrachloroethylene	ETO15	9,600	14000	33000	4600000	678,466.08	E	03/08/21	6:38	BA	454750
1,1,2-Trichloroethane	ETO15	9,600	5600	26000	ND	ND		03/08/21	6:38	BA	454750
Dibromochloromethane	ETO15	9,600	11000	41000	ND	ND		03/08/21	6:38	BA	454750
1,2-Dibromoethane (EDB)	ETO15	9,600	7100	37000	ND	ND		03/08/21	6:38	BA	454750
2-Hexanone	ETO15	9,600	6300	20000	ND	ND		03/08/21	6:38	BA	454750
Ethyl Benzene	ETO15	9,600	6000	21000	ND	ND		03/08/21	6:38	BA	454750
Chlorobenzene	ETO15	9,600	5700	22000	ND	ND		03/08/21	6:38	BA	454750
1,1,1,2-Tetrachloroethane	ETO15	9,600	8000	33000	ND	ND		03/08/21	6:38	BA	454750
m,p-Xylene	ETO15	9,600	9400	21000	ND	ND		03/08/21	6:38	BA	454750
o-Xylene	ETO15	9,600	2900	21000	ND	ND		03/08/21	6:38	BA	454750
Styrene	ETO15	9,600	4500	20000	ND	ND		03/08/21	6:38	BA	454750
Bromoform	ETO15	9,600	13000	50000	ND	ND		03/08/21	6:38	BA	454750
1,1,2,2-Tetrachloroethane	ETO15	9,600	7800	33000	ND	ND		03/08/21	6:38	BA	454750
4-Ethyl Toluene	ETO15	9,600	5200	24000	ND	ND		03/08/21	6:38	BA	454750
1,3,5-Trimethylbenzene	ETO15	9,600	2900	24000	ND	ND		03/08/21	6:38	BA	454750
1,2,4-Trimethylbenzene	ETO15	9,600	5700	24000	ND	ND		03/08/21	6:38	BA	454750
1,4-Dichlorobenzene	ETO15	9,600	7200	29000	ND	ND		03/08/21	6:38	BA	454750
1,3-Dichlorobenzene	ETO15	9,600	13000	29000	ND	ND		03/08/21	6:38	BA	454750
1,2-Dichlorobenzene	ETO15	9,600	10000	29000	ND	ND		03/08/21	6:38	BA	454750
Hexachlorobutadiene	ETO15	9,600	18000	51000	ND	ND		03/08/21	6:38	BA	454750
1,2,4-Trichlorobenzene	ETO15	9,600	21000	36000	ND	ND		03/08/21	6:38	BA	454750
Naphthalene	ETO15	9,600	12000	25000	ND	ND		03/08/21	6:38	BA	454750
(S) 4-Bromofluorobenzene	ETO15	9,600	50	150	86 %			03/08/21	6:38	BA	454750

NOTE: E=Estimated concentration (outside of calibration range)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SVP-1-5	**Lab Sample ID:**	2103042-002A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Air
Project Number:			
Date/Time Sampled:	03/02/21 / 17:13	**Certified Clean WO # :**	
Canister/Tube ID:	R3585	**Received PSI :**	13.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/3/21	7:45:00PM
Prep Batch ID:	1129748	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	400.0	630	990	ND	ND		03/04/21	9:51	BA	454695
1,1-Difluoroethane	ETO15	400.0	140	5400	ND	ND		03/04/21	9:51	BA	454695
1,2-Dichlorotetrafluoroethane	ETO15	400.0	560	1400	ND	ND		03/04/21	9:51	BA	454695
Chloromethane	ETO15	400.0	820	1700	ND	ND		03/04/21	9:51	BA	454695
Vinyl Chloride	ETO15	400.0	90	510	ND	ND		03/04/21	9:51	BA	454695
1,3-Butadiene	ETO15	400.0	140	440	ND	ND		03/04/21	9:51	BA	454695
Bromomethane	ETO15	400.0	260	780	ND	ND		03/04/21	9:51	BA	454695
Chloroethane	ETO15	400.0	330	530	ND	ND		03/04/21	9:51	BA	454695
Trichlorofluoromethane	ETO15	400.0	220	1100	ND	ND		03/04/21	9:51	BA	454695
1,1-Dichloroethene	ETO15	400.0	330	790	ND	ND		03/04/21	9:51	BA	454695
Freon 113	ETO15	400.0	410	1500	ND	ND		03/04/21	9:51	BA	454695
Carbon Disulfide	ETO15	400.0	150	620	ND	ND		03/04/21	9:51	BA	454695
2-Propanol (Isopropyl Alcohol)	ETO15	400.0	510	4900	ND	ND		03/04/21	9:51	BA	454695
Methylene Chloride	ETO15	400.0	280	4200	ND	ND		03/04/21	9:51	BA	454695
Acetone	ETO15	400.0	160	4800	ND	ND		03/04/21	9:51	BA	454695
trans-1,2-Dichloroethene	ETO15	400.0	190	790	ND	ND		03/04/21	9:51	BA	454695
Hexane	ETO15	400.0	190	700	ND	ND		03/04/21	9:51	BA	454695
MTBE	ETO15	400.0	180	720	ND	ND		03/04/21	9:51	BA	454695
tert-Butanol	ETO15	400.0	250	610	ND	ND		03/04/21	9:51	BA	454695
Diisopropyl ether (DIPE)	ETO15	400.0	290	840	ND	ND		03/04/21	9:51	BA	454695
1,1-Dichloroethane	ETO15	400.0	220	810	ND	ND		03/04/21	9:51	BA	454695
ETBE	ETO15	400.0	130	840	ND	ND		03/04/21	9:51	BA	454695
cis-1,2-Dichloroethene	ETO15	400.0	330	790	ND	ND		03/04/21	9:51	BA	454695
Chloroform	ETO15	400.0	390	980	ND	ND		03/04/21	9:51	BA	454695
Vinyl Acetate	ETO15	400.0	300	700	ND	ND		03/04/21	9:51	BA	454695
Carbon Tetrachloride	ETO15	400.0	440	1300	ND	ND		03/04/21	9:51	BA	454695
1,1,1-Trichloroethane	ETO15	400.0	320	1100	ND	ND		03/04/21	9:51	BA	454695
2-Butanone (MEK)	ETO15	400.0	160	590	ND	ND		03/04/21	9:51	BA	454695
Ethyl Acetate	ETO15	400.0	190	720	ND	ND		03/04/21	9:51	BA	454695
Tetrahydrofuran	ETO15	400.0	180	590	ND	ND		03/04/21	9:51	BA	454695
Benzene	ETO15	400.0	170	640	ND	ND		03/04/21	9:51	BA	454695
TAME	ETO15	400.0	270	840	ND	ND		03/04/21	9:51	BA	454695
1,2-Dichloroethane (EDC)	ETO15	400.0	170	810	ND	ND		03/04/21	9:51	BA	454695

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SVP-1-5	**Lab Sample ID:**	2103042-002A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Air
Project Number:			
Date/Time Sampled:	03/02/21 / 17:13	**Certified Clean WO # :**	
Canister/Tube ID:	R3585	**Received PSI :**	13.6
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/3/21	7:45:00PM
Prep Batch ID:	1129748	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	400.0	320	1100	ND	ND		03/04/21	9:51	BA	454695
1,2-Dichloropropane	ETO15	400.0	300	920	ND	ND		03/04/21	9:51	BA	454695
Bromodichloromethane	ETO15	400.0	300	1300	ND	ND		03/04/21	9:51	BA	454695
1,4-Dioxane	ETO15	400.0	720	1400	ND	ND		03/04/21	9:51	BA	454695
trans-1,3-Dichloropropene	ETO15	400.0	420	910	ND	ND		03/04/21	9:51	BA	454695
Toluene	ETO15	400.0	300	750	ND	ND		03/04/21	9:51	BA	454695
4-Methyl-2-Pentanone (MIBK)	ETO15	400.0	300	820	ND	ND		03/04/21	9:51	BA	454695
cis-1,3-Dichloropropene	ETO15	400.0	170	910	ND	ND		03/04/21	9:51	BA	454695
Tetrachloroethylene	ETO15	400.0	580	1400	82000	12,094.40		03/04/21	9:51	BA	454695
1,1,2-Trichloroethane	ETO15	400.0	230	1100	ND	ND		03/04/21	9:51	BA	454695
Dibromochloromethane	ETO15	400.0	450	1700	ND	ND		03/04/21	9:51	BA	454695
1,2-Dibromoethane (EDB)	ETO15	400.0	290	1500	ND	ND		03/04/21	9:51	BA	454695
2-Hexanone	ETO15	400.0	260	820	ND	ND		03/04/21	9:51	BA	454695
Ethyl Benzene	ETO15	400.0	250	870	ND	ND		03/04/21	9:51	BA	454695
Chlorobenzene	ETO15	400.0	240	920	ND	ND		03/04/21	9:51	BA	454695
1,1,1,2-Tetrachloroethane	ETO15	400.0	340	1400	ND	ND		03/04/21	9:51	BA	454695
m,p-Xylene	ETO15	400.0	390	870	ND	ND		03/04/21	9:51	BA	454695
o-Xylene	ETO15	400.0	120	870	ND	ND		03/04/21	9:51	BA	454695
Styrene	ETO15	400.0	190	850	ND	ND		03/04/21	9:51	BA	454695
Bromoform	ETO15	400.0	520	2100	ND	ND		03/04/21	9:51	BA	454695
1,1,2,2-Tetrachloroethane	ETO15	400.0	330	1400	ND	ND		03/04/21	9:51	BA	454695
4-Ethyl Toluene	ETO15	400.0	220	980	ND	ND		03/04/21	9:51	BA	454695
1,3,5-Trimethylbenzene	ETO15	400.0	120	980	ND	ND		03/04/21	9:51	BA	454695
1,2,4-Trimethylbenzene	ETO15	400.0	240	980	ND	ND		03/04/21	9:51	BA	454695
1,4-Dichlorobenzene	ETO15	400.0	300	1200	ND	ND		03/04/21	9:51	BA	454695
1,3-Dichlorobenzene	ETO15	400.0	530	1200	ND	ND		03/04/21	9:51	BA	454695
1,2-Dichlorobenzene	ETO15	400.0	430	1200	ND	ND		03/04/21	9:51	BA	454695
Hexachlorobutadiene	ETO15	400.0	740	2100	ND	ND		03/04/21	9:51	BA	454695
1,2,4-Trichlorobenzene	ETO15	400.0	860	1500	ND	ND		03/04/21	9:51	BA	454695
Naphthalene	ETO15	400.0	510	1000	ND	ND		03/04/21	9:51	BA	454695
(S) 4-Bromofluorobenzene	ETO15	400.0	50	150	95 %			03/04/21	9:51	BA	454695

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SVP-2-5	**Lab Sample ID:**	2103042-003A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Air
Project Number:			
Date/Time Sampled:	03/02/21 / 17:20	**Certified Clean WO # :**	
Canister/Tube ID:	6328	**Received PSI :**	8.1
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/3/21	7:45:00PM
Prep Batch ID:	1129748	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	10.80	17	27	ND	ND		03/04/21	6:22	BA	454695
1,1-Difluoroethane	ETO15	10.80	3.7	150	ND	ND		03/04/21	6:22	BA	454695
1,2-Dichlorotetrafluoroethane	ETO15	10.80	15	38	ND	ND		03/04/21	6:22	BA	454695
Chloromethane	ETO15	10.80	22	45	ND	ND		03/04/21	6:22	BA	454695
Vinyl Chloride	ETO15	10.80	2.4	14	ND	ND		03/04/21	6:22	BA	454695
1,3-Butadiene	ETO15	10.80	3.7	12	ND	ND		03/04/21	6:22	BA	454695
Bromomethane	ETO15	10.80	7.1	21	ND	ND		03/04/21	6:22	BA	454695
Chloroethane	ETO15	10.80	8.8	14	ND	ND		03/04/21	6:22	BA	454695
Trichlorofluoromethane	ETO15	10.80	6.0	30	ND	ND		03/04/21	6:22	BA	454695
1,1-Dichloroethene	ETO15	10.80	8.9	21	ND	ND		03/04/21	6:22	BA	454695
Freon 113	ETO15	10.80	11	41	ND	ND		03/04/21	6:22	BA	454695
Carbon Disulfide	ETO15	10.80	4.0	17	ND	ND		03/04/21	6:22	BA	454695
2-Propanol (Isopropyl Alcohol)	ETO15	10.80	14	130	ND	ND		03/04/21	6:22	BA	454695
Methylene Chloride	ETO15	10.80	7.6	110	ND	ND		03/04/21	6:22	BA	454695
Acetone	ETO15	10.80	4.3	130	320	134.45		03/04/21	6:22	BA	454695
trans-1,2-Dichloroethene	ETO15	10.80	5.1	21	ND	ND		03/04/21	6:22	BA	454695
Hexane	ETO15	10.80	5.0	19	280	79.55		03/04/21	6:22	BA	454695
MTBE	ETO15	10.80	4.8	19	ND	ND		03/04/21	6:22	BA	454695
tert-Butanol	ETO15	10.80	6.7	16	46	15.18		03/04/21	6:22	BA	454695
Diisopropyl ether (DIPE)	ETO15	10.80	7.9	23	ND	ND		03/04/21	6:22	BA	454695
1,1-Dichloroethane	ETO15	10.80	5.9	22	ND	ND		03/04/21	6:22	BA	454695
ETBE	ETO15	10.80	3.5	23	ND	ND		03/04/21	6:22	BA	454695
cis-1,2-Dichloroethene	ETO15	10.80	9.0	21	ND	ND		03/04/21	6:22	BA	454695
Chloroform	ETO15	10.80	10	26	ND	ND		03/04/21	6:22	BA	454695
Vinyl Acetate	ETO15	10.80	8.2	19	ND	ND		03/04/21	6:22	BA	454695
Carbon Tetrachloride	ETO15	10.80	12	34	ND	ND		03/04/21	6:22	BA	454695
1,1,1-Trichloroethane	ETO15	10.80	8.6	29	ND	ND		03/04/21	6:22	BA	454695
2-Butanone (MEK)	ETO15	10.80	4.2	16	52	17.63		03/04/21	6:22	BA	454695
Ethyl Acetate	ETO15	10.80	5.1	19	ND	ND		03/04/21	6:22	BA	454695
Tetrahydrofuran	ETO15	10.80	4.8	16	ND	ND		03/04/21	6:22	BA	454695
Benzene	ETO15	10.80	4.7	17	62	19.44		03/04/21	6:22	BA	454695
TAME	ETO15	10.80	7.3	23	ND	ND		03/04/21	6:22	BA	454695
1,2-Dichloroethane (EDC)	ETO15	10.80	4.5	22	ND	ND		03/04/21	6:22	BA	454695

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SVP-2-5	**Lab Sample ID:**	2103042-003A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Air
Project Number:			
Date/Time Sampled:	03/02/21 / 17:20	**Certified Clean WO # :**	
Canister/Tube ID:	6328	**Received PSI :**	8.1
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/3/21	7:45:00PM
Prep Batch ID:	1129748	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	10.80	8.7	29	ND	ND		03/04/21	6:22	BA	454695
1,2-Dichloropropane	ETO15	10.80	8.2	25	ND	ND		03/04/21	6:22	BA	454695
Bromodichloromethane	ETO15	10.80	8.0	36	ND	ND		03/04/21	6:22	BA	454695
1,4-Dioxane	ETO15	10.80	19	39	ND	ND		03/04/21	6:22	BA	454695
trans-1,3-Dichloropropene	ETO15	10.80	11	25	ND	ND		03/04/21	6:22	BA	454695
Toluene	ETO15	10.80	8.1	20	240	63.66		03/04/21	6:22	BA	454695
4-Methyl-2-Pentanone (MIBK)	ETO15	10.80	8.1	22	100	24.39		03/04/21	6:22	BA	454695
cis-1,3-Dichloropropene	ETO15	10.80	4.6	25	ND	ND		03/04/21	6:22	BA	454695
Tetrachloroethylene	ETO15	10.80	16	37	920	135.69		03/04/21	6:22	BA	454695
1,1,2-Trichloroethane	ETO15	10.80	6.3	29	ND	ND		03/04/21	6:22	BA	454695
Dibromochloromethane	ETO15	10.80	12	46	ND	ND		03/04/21	6:22	BA	454695
1,2-Dibromoethane (EDB)	ETO15	10.80	8.0	41	ND	ND		03/04/21	6:22	BA	454695
2-Hexanone	ETO15	10.80	7.0	22	ND	ND		03/04/21	6:22	BA	454695
Ethyl Benzene	ETO15	10.80	6.8	23	55	12.67		03/04/21	6:22	BA	454695
Chlorobenzene	ETO15	10.80	6.5	25	ND	ND		03/04/21	6:22	BA	454695
1,1,1,2-Tetrachloroethane	ETO15	10.80	9.1	37	ND	ND		03/04/21	6:22	BA	454695
m,p-Xylene	ETO15	10.80	11	23	140	32.26		03/04/21	6:22	BA	454695
o-Xylene	ETO15	10.80	3.3	23	48	11.06		03/04/21	6:22	BA	454695
Styrene	ETO15	10.80	5.0	23	ND	ND		03/04/21	6:22	BA	454695
Bromoform	ETO15	10.80	14	56	ND	ND		03/04/21	6:22	BA	454695
1,1,2,2-Tetrachloroethane	ETO15	10.80	8.8	37	ND	ND		03/04/21	6:22	BA	454695
4-Ethyl Toluene	ETO15	10.80	5.9	27	ND	ND		03/04/21	6:22	BA	454695
1,3,5-Trimethylbenzene	ETO15	10.80	3.2	27	ND	ND		03/04/21	6:22	BA	454695
1,2,4-Trimethylbenzene	ETO15	10.80	6.4	27	ND	ND		03/04/21	6:22	BA	454695
1,4-Dichlorobenzene	ETO15	10.80	8.0	32	ND	ND		03/04/21	6:22	BA	454695
1,3-Dichlorobenzene	ETO15	10.80	14	32	ND	ND		03/04/21	6:22	BA	454695
1,2-Dichlorobenzene	ETO15	10.80	12	32	ND	ND		03/04/21	6:22	BA	454695
Hexachlorobutadiene	ETO15	10.80	20	58	ND	ND		03/04/21	6:22	BA	454695
1,2,4-Trichlorobenzene	ETO15	10.80	23	40	ND	ND		03/04/21	6:22	BA	454695
Naphthalene	ETO15	10.80	14	28	ND	ND		03/04/21	6:22	BA	454695
(S) 4-Bromofluorobenzene	ETO15	10.80	50	150	100 %			03/04/21	6:22	BA	454695

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SVP-5-15	**Lab Sample ID:**	2103042-004A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Air
Project Number:			
Date/Time Sampled:	03/02/21 / 13:51	**Certified Clean WO # :**	
Canister/Tube ID:	A7470	**Received PSI :**	10.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/5/21	1:00:00PM
Prep Batch ID:	1129817	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	400.0	630	990	ND	ND		03/05/21	21:30	BA	454749
1,1-Difluoroethane	ETO15	400.0	140	5400	ND	ND		03/05/21	21:30	BA	454749
1,2-Dichlorotetrafluoroethane	ETO15	400.0	560	1400	ND	ND		03/05/21	21:30	BA	454749
Chloromethane	ETO15	400.0	820	1700	ND	ND		03/05/21	21:30	BA	454749
Vinyl Chloride	ETO15	400.0	90	510	ND	ND		03/05/21	21:30	BA	454749
1,3-Butadiene	ETO15	400.0	140	440	ND	ND		03/05/21	21:30	BA	454749
Bromomethane	ETO15	400.0	260	780	ND	ND		03/05/21	21:30	BA	454749
Chloroethane	ETO15	400.0	330	530	ND	ND		03/05/21	21:30	BA	454749
Trichlorofluoromethane	ETO15	400.0	220	1100	ND	ND		03/05/21	21:30	BA	454749
1,1-Dichloroethene	ETO15	400.0	330	790	ND	ND		03/05/21	21:30	BA	454749
Freon 113	ETO15	400.0	410	1500	ND	ND		03/05/21	21:30	BA	454749
Carbon Disulfide	ETO15	400.0	150	620	ND	ND		03/05/21	21:30	BA	454749
2-Propanol (Isopropyl Alcohol)	ETO15	400.0	510	4900	ND	ND		03/05/21	21:30	BA	454749
Methylene Chloride	ETO15	400.0	280	4200	ND	ND		03/05/21	21:30	BA	454749
Acetone	ETO15	400.0	160	4800	ND	ND		03/05/21	21:30	BA	454749
trans-1,2-Dichloroethene	ETO15	400.0	190	790	ND	ND		03/05/21	21:30	BA	454749
Hexane	ETO15	400.0	190	700	ND	ND		03/05/21	21:30	BA	454749
MTBE	ETO15	400.0	180	720	ND	ND		03/05/21	21:30	BA	454749
tert-Butanol	ETO15	400.0	250	610	ND	ND		03/05/21	21:30	BA	454749
Diisopropyl ether (DIPE)	ETO15	400.0	290	840	ND	ND		03/05/21	21:30	BA	454749
1,1-Dichloroethane	ETO15	400.0	220	810	ND	ND		03/05/21	21:30	BA	454749
ETBE	ETO15	400.0	130	840	ND	ND		03/05/21	21:30	BA	454749
cis-1,2-Dichloroethene	ETO15	400.0	330	790	ND	ND		03/05/21	21:30	BA	454749
Chloroform	ETO15	400.0	390	980	ND	ND		03/05/21	21:30	BA	454749
Vinyl Acetate	ETO15	400.0	300	700	ND	ND		03/05/21	21:30	BA	454749
Carbon Tetrachloride	ETO15	400.0	440	1300	ND	ND		03/05/21	21:30	BA	454749
1,1,1-Trichloroethane	ETO15	400.0	320	1100	ND	ND		03/05/21	21:30	BA	454749
2-Butanone (MEK)	ETO15	400.0	160	590	ND	ND		03/05/21	21:30	BA	454749
Ethyl Acetate	ETO15	400.0	190	720	ND	ND		03/05/21	21:30	BA	454749
Tetrahydrofuran	ETO15	400.0	180	590	ND	ND		03/05/21	21:30	BA	454749
Benzene	ETO15	400.0	170	640	ND	ND		03/05/21	21:30	BA	454749
TAME	ETO15	400.0	270	840	ND	ND		03/05/21	21:30	BA	454749
1,2-Dichloroethane (EDC)	ETO15	400.0	170	810	ND	ND		03/05/21	21:30	BA	454749

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SVP-5-15	**Lab Sample ID:**	2103042-004A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Air
Project Number:			
Date/Time Sampled:	03/02/21 / 13:51	**Certified Clean WO # :**	
Canister/Tube ID:	A7470	**Received PSI :**	10.2
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/5/21	1:00:00PM
Prep Batch ID:	1129817	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	400.0	320	1100	ND	ND		03/05/21	21:30	BA	454749
1,2-Dichloropropane	ETO15	400.0	300	920	ND	ND		03/05/21	21:30	BA	454749
Bromodichloromethane	ETO15	400.0	300	1300	ND	ND		03/05/21	21:30	BA	454749
1,4-Dioxane	ETO15	400.0	720	1400	ND	ND		03/05/21	21:30	BA	454749
trans-1,3-Dichloropropene	ETO15	400.0	420	910	ND	ND		03/05/21	21:30	BA	454749
Toluene	ETO15	400.0	300	750	ND	ND		03/05/21	21:30	BA	454749
4-Methyl-2-Pentanone (MIBK)	ETO15	400.0	300	820	ND	ND		03/05/21	21:30	BA	454749
cis-1,3-Dichloropropene	ETO15	400.0	170	910	ND	ND		03/05/21	21:30	BA	454749
Tetrachloroethylene	ETO15	400.0	580	1400	64000	9,439.53		03/05/21	21:30	BA	454749
1,1,2-Trichloroethane	ETO15	400.0	230	1100	ND	ND		03/05/21	21:30	BA	454749
Dibromochloromethane	ETO15	400.0	450	1700	ND	ND		03/05/21	21:30	BA	454749
1,2-Dibromoethane (EDB)	ETO15	400.0	290	1500	ND	ND		03/05/21	21:30	BA	454749
2-Hexanone	ETO15	400.0	260	820	ND	ND		03/05/21	21:30	BA	454749
Ethyl Benzene	ETO15	400.0	250	870	ND	ND		03/05/21	21:30	BA	454749
Chlorobenzene	ETO15	400.0	240	920	ND	ND		03/05/21	21:30	BA	454749
1,1,1,2-Tetrachloroethane	ETO15	400.0	340	1400	ND	ND		03/05/21	21:30	BA	454749
m,p-Xylene	ETO15	400.0	390	870	ND	ND		03/05/21	21:30	BA	454749
o-Xylene	ETO15	400.0	120	870	ND	ND		03/05/21	21:30	BA	454749
Styrene	ETO15	400.0	190	850	ND	ND		03/05/21	21:30	BA	454749
Bromoform	ETO15	400.0	520	2100	ND	ND		03/05/21	21:30	BA	454749
1,1,2,2-Tetrachloroethane	ETO15	400.0	330	1400	ND	ND		03/05/21	21:30	BA	454749
4-Ethyl Toluene	ETO15	400.0	220	980	ND	ND		03/05/21	21:30	BA	454749
1,3,5-Trimethylbenzene	ETO15	400.0	120	980	ND	ND		03/05/21	21:30	BA	454749
1,2,4-Trimethylbenzene	ETO15	400.0	240	980	ND	ND		03/05/21	21:30	BA	454749
1,4-Dichlorobenzene	ETO15	400.0	300	1200	ND	ND		03/05/21	21:30	BA	454749
1,3-Dichlorobenzene	ETO15	400.0	530	1200	ND	ND		03/05/21	21:30	BA	454749
1,2-Dichlorobenzene	ETO15	400.0	430	1200	ND	ND		03/05/21	21:30	BA	454749
Hexachlorobutadiene	ETO15	400.0	740	2100	ND	ND		03/05/21	21:30	BA	454749
1,2,4-Trichlorobenzene	ETO15	400.0	860	1500	ND	ND		03/05/21	21:30	BA	454749
Naphthalene	ETO15	400.0	510	1000	ND	ND		03/05/21	21:30	BA	454749
(S) 4-Bromofluorobenzene	ETO15	400.0	50	150	91 %			03/05/21	21:30	BA	454749

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SVP-5-5	**Lab Sample ID:**	2103042-005A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Air
Project Number:			
Date/Time Sampled:	03/02/21 / 15:53	**Certified Clean WO # :**	
Canister/Tube ID:	A11732	**Received PSI :**	12.4
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/3/21	7:45:00PM
Prep Batch ID:	1129748	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	10.00	16	25	ND	ND		03/04/21	6:47	BA	454695
1,1-Difluoroethane	ETO15	10.00	3.5	140	ND	ND		03/04/21	6:47	BA	454695
1,2-Dichlorotetrafluoroethane	ETO15	10.00	14	35	ND	ND		03/04/21	6:47	BA	454695
Chloromethane	ETO15	10.00	20	41	ND	ND		03/04/21	6:47	BA	454695
Vinyl Chloride	ETO15	10.00	2.3	13	ND	ND		03/04/21	6:47	BA	454695
1,3-Butadiene	ETO15	10.00	3.4	11	ND	ND		03/04/21	6:47	BA	454695
Bromomethane	ETO15	10.00	6.6	19	ND	ND		03/04/21	6:47	BA	454695
Chloroethane	ETO15	10.00	8.1	13	ND	ND		03/04/21	6:47	BA	454695
Trichlorofluoromethane	ETO15	10.00	5.6	28	ND	ND		03/04/21	6:47	BA	454695
1,1-Dichloroethene	ETO15	10.00	8.3	20	ND	ND		03/04/21	6:47	BA	454695
Freon 113	ETO15	10.00	10	38	ND	ND		03/04/21	6:47	BA	454695
Carbon Disulfide	ETO15	10.00	3.7	16	ND	ND		03/04/21	6:47	BA	454695
2-Propanol (Isopropyl Alcohol)	ETO15	10.00	13	120	4300	1,747.97	E	03/04/21	6:47	BA	454695
Methylene Chloride	ETO15	10.00	7.0	100	ND	ND		03/04/21	6:47	BA	454695
Acetone	ETO15	10.00	4.0	120	ND	ND		03/04/21	6:47	BA	454695
trans-1,2-Dichloroethene	ETO15	10.00	4.8	20	ND	ND		03/04/21	6:47	BA	454695
Hexane	ETO15	10.00	4.6	18	ND	ND		03/04/21	6:47	BA	454695
MTBE	ETO15	10.00	4.4	18	ND	ND		03/04/21	6:47	BA	454695
tert-Butanol	ETO15	10.00	6.2	15	ND	ND		03/04/21	6:47	BA	454695
Diisopropyl ether (DIPE)	ETO15	10.00	7.4	21	ND	ND		03/04/21	6:47	BA	454695
1,1-Dichloroethane	ETO15	10.00	5.4	20	ND	ND		03/04/21	6:47	BA	454695
ETBE	ETO15	10.00	3.3	21	ND	ND		03/04/21	6:47	BA	454695
cis-1,2-Dichloroethene	ETO15	10.00	8.3	20	ND	ND		03/04/21	6:47	BA	454695
Chloroform	ETO15	10.00	9.7	24	ND	ND		03/04/21	6:47	BA	454695
Vinyl Acetate	ETO15	10.00	7.6	18	ND	ND		03/04/21	6:47	BA	454695
Carbon Tetrachloride	ETO15	10.00	11	31	ND	ND		03/04/21	6:47	BA	454695
1,1,1-Trichloroethane	ETO15	10.00	7.9	27	ND	ND		03/04/21	6:47	BA	454695
2-Butanone (MEK)	ETO15	10.00	3.9	15	ND	ND		03/04/21	6:47	BA	454695
Ethyl Acetate	ETO15	10.00	4.8	18	ND	ND		03/04/21	6:47	BA	454695
Tetrahydrofuran	ETO15	10.00	4.5	15	ND	ND		03/04/21	6:47	BA	454695
Benzene	ETO15	10.00	4.4	16	ND	ND		03/04/21	6:47	BA	454695
TAME	ETO15	10.00	6.7	21	ND	ND		03/04/21	6:47	BA	454695
1,2-Dichloroethane (EDC)	ETO15	10.00	4.2	20	ND	ND		03/04/21	6:47	BA	454695

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SVP-5-5	**Lab Sample ID:**	2103042-005A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Air
Project Number:			
Date/Time Sampled:	03/02/21 / 15:53	**Certified Clean WO # :**	
Canister/Tube ID:	A11732	**Received PSI :**	12.4
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/3/21	7:45:00PM
Prep Batch ID:	1129748	**Prep Analyst:**	BALI	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	10.00	8.1	27	ND	ND		03/04/21	6:47	BA	454695
1,2-Dichloropropane	ETO15	10.00	7.6	23	ND	ND		03/04/21	6:47	BA	454695
Bromodichloromethane	ETO15	10.00	7.4	34	ND	ND		03/04/21	6:47	BA	454695
1,4-Dioxane	ETO15	10.00	18	36	ND	ND		03/04/21	6:47	BA	454695
trans-1,3-Dichloropropene	ETO15	10.00	11	23	ND	ND		03/04/21	6:47	BA	454695
Toluene	ETO15	10.00	7.5	19	ND	ND		03/04/21	6:47	BA	454695
4-Methyl-2-Pentanone (MIBK)	ETO15	10.00	7.5	21	ND	ND		03/04/21	6:47	BA	454695
cis-1,3-Dichloropropene	ETO15	10.00	4.2	23	ND	ND		03/04/21	6:47	BA	454695
Tetrachloroethylene	ETO15	10.00	15	34	190	28.02		03/04/21	6:47	BA	454695
1,1,2-Trichloroethane	ETO15	10.00	5.8	27	ND	ND		03/04/21	6:47	BA	454695
Dibromochloromethane	ETO15	10.00	11	43	ND	ND		03/04/21	6:47	BA	454695
1,2-Dibromoethane (EDB)	ETO15	10.00	7.4	38	ND	ND		03/04/21	6:47	BA	454695
2-Hexanone	ETO15	10.00	6.5	21	ND	ND		03/04/21	6:47	BA	454695
Ethyl Benzene	ETO15	10.00	6.3	22	ND	ND		03/04/21	6:47	BA	454695
Chlorobenzene	ETO15	10.00	6.0	23	ND	ND		03/04/21	6:47	BA	454695
1,1,1,2-Tetrachloroethane	ETO15	10.00	8.4	34	ND	ND		03/04/21	6:47	BA	454695
m,p-Xylene	ETO15	10.00	9.8	22	ND	ND		03/04/21	6:47	BA	454695
o-Xylene	ETO15	10.00	3.0	22	ND	ND		03/04/21	6:47	BA	454695
Styrene	ETO15	10.00	4.6	21	ND	ND		03/04/21	6:47	BA	454695
Bromoform	ETO15	10.00	13	52	ND	ND		03/04/21	6:47	BA	454695
1,1,2,2-Tetrachloroethane	ETO15	10.00	8.2	34	ND	ND		03/04/21	6:47	BA	454695
4-Ethyl Toluene	ETO15	10.00	5.5	25	ND	ND		03/04/21	6:47	BA	454695
1,3,5-Trimethylbenzene	ETO15	10.00	3.0	25	ND	ND		03/04/21	6:47	BA	454695
1,2,4-Trimethylbenzene	ETO15	10.00	6.0	25	ND	ND		03/04/21	6:47	BA	454695
1,4-Dichlorobenzene	ETO15	10.00	7.5	30	ND	ND		03/04/21	6:47	BA	454695
1,3-Dichlorobenzene	ETO15	10.00	13	30	ND	ND		03/04/21	6:47	BA	454695
1,2-Dichlorobenzene	ETO15	10.00	11	30	ND	ND		03/04/21	6:47	BA	454695
Hexachlorobutadiene	ETO15	10.00	19	53	ND	ND		03/04/21	6:47	BA	454695
1,2,4-Trichlorobenzene	ETO15	10.00	22	37	ND	ND		03/04/21	6:47	BA	454695
Naphthalene	ETO15	10.00	13	26	ND	ND		03/04/21	6:47	BA	454695
(S) 4-Bromofluorobenzene	ETO15	10.00	50	150	97 %			03/04/21	6:47	BA	454695

NOTE: E=Estimated concentration (outside of calibration)

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SVP-2-15	**Lab Sample ID:**	2103042-006A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Air
Project Number:			
Date/Time Sampled:	03/02/21 / 13:03	**Certified Clean WO # :**	
Canister/Tube ID:	R3597	**Received PSI :**	12.5
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/5/21	1:00:00PM
Prep Batch ID:	1129817	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	2,400	3800	5900	ND	ND		03/05/21	21:55	BA	454749
1,1-Difluoroethane	ETO15	2,400	830	32000	ND	ND		03/05/21	21:55	BA	454749
1,2-Dichlorotetrafluoroethane	ETO15	2,400	3400	8400	ND	ND		03/05/21	21:55	BA	454749
Chloromethane	ETO15	2,400	4900	9900	ND	ND		03/05/21	21:55	BA	454749
Vinyl Chloride	ETO15	2,400	540	3100	ND	ND		03/05/21	21:55	BA	454749
1,3-Butadiene	ETO15	2,400	820	2700	ND	ND		03/05/21	21:55	BA	454749
Bromomethane	ETO15	2,400	1600	4700	ND	ND		03/05/21	21:55	BA	454749
Chloroethane	ETO15	2,400	2000	3200	ND	ND		03/05/21	21:55	BA	454749
Trichlorofluoromethane	ETO15	2,400	1300	6700	ND	ND		03/05/21	21:55	BA	454749
1,1-Dichloroethene	ETO15	2,400	2000	4800	ND	ND		03/05/21	21:55	BA	454749
Freon 113	ETO15	2,400	2400	9200	ND	ND		03/05/21	21:55	BA	454749
Carbon Disulfide	ETO15	2,400	900	3700	ND	ND		03/05/21	21:55	BA	454749
2-Propanol (Isopropyl Alcohol)	ETO15	2,400	3100	30000	ND	ND		03/05/21	21:55	BA	454749
Methylene Chloride	ETO15	2,400	1700	25000	ND	ND		03/05/21	21:55	BA	454749
Acetone	ETO15	2,400	950	29000	ND	ND		03/05/21	21:55	BA	454749
trans-1,2-Dichloroethene	ETO15	2,400	1100	4800	ND	ND		03/05/21	21:55	BA	454749
Hexane	ETO15	2,400	1100	4200	ND	ND		03/05/21	21:55	BA	454749
MTBE	ETO15	2,400	1100	4300	ND	ND		03/05/21	21:55	BA	454749
tert-Butanol	ETO15	2,400	1500	3600	ND	ND		03/05/21	21:55	BA	454749
Diisopropyl ether (DIPE)	ETO15	2,400	1800	5000	ND	ND		03/05/21	21:55	BA	454749
1,1-Dichloroethane	ETO15	2,400	1300	4900	ND	ND		03/05/21	21:55	BA	454749
ETBE	ETO15	2,400	780	5000	ND	ND		03/05/21	21:55	BA	454749
cis-1,2-Dichloroethene	ETO15	2,400	2000	4800	ND	ND		03/05/21	21:55	BA	454749
Chloroform	ETO15	2,400	2300	5900	ND	ND		03/05/21	21:55	BA	454749
Vinyl Acetate	ETO15	2,400	1800	4200	ND	ND		03/05/21	21:55	BA	454749
Carbon Tetrachloride	ETO15	2,400	2700	7500	ND	ND		03/05/21	21:55	BA	454749
1,1,1-Trichloroethane	ETO15	2,400	1900	6600	ND	ND		03/05/21	21:55	BA	454749
2-Butanone (MEK)	ETO15	2,400	930	3500	ND	ND		03/05/21	21:55	BA	454749
Ethyl Acetate	ETO15	2,400	1100	4300	ND	ND		03/05/21	21:55	BA	454749
Tetrahydrofuran	ETO15	2,400	1100	3500	ND	ND		03/05/21	21:55	BA	454749
Benzene	ETO15	2,400	1000	3800	ND	ND		03/05/21	21:55	BA	454749
TAME	ETO15	2,400	1600	5000	ND	ND		03/05/21	21:55	BA	454749
1,2-Dichloroethane (EDC)	ETO15	2,400	1000	4900	ND	ND		03/05/21	21:55	BA	454749

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SVP-2-15	**Lab Sample ID:**	2103042-006A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Air
Project Number:			
Date/Time Sampled:	03/02/21 / 13:03	**Certified Clean WO # :**	
Canister/Tube ID:	R3597	**Received PSI :**	12.5
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/5/21	1:00:00PM
Prep Batch ID:	1129817	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	2,400	1900	6400	ND	ND		03/05/21	21:55	BA	454749
1,2-Dichloropropane	ETO15	2,400	1800	5500	ND	ND		03/05/21	21:55	BA	454749
Bromodichloromethane	ETO15	2,400	1800	8000	ND	ND		03/05/21	21:55	BA	454749
1,4-Dioxane	ETO15	2,400	4300	8600	ND	ND		03/05/21	21:55	BA	454749
trans-1,3-Dichloropropene	ETO15	2,400	2500	5400	ND	ND		03/05/21	21:55	BA	454749
Toluene	ETO15	2,400	1800	4500	ND	ND		03/05/21	21:55	BA	454749
4-Methyl-2-Pentanone (MIBK)	ETO15	2,400	1800	4900	ND	ND		03/05/21	21:55	BA	454749
cis-1,3-Dichloropropene	ETO15	2,400	1000	5400	ND	ND		03/05/21	21:55	BA	454749
Tetrachloroethylene	ETO15	2,400	3500	8100	280000	41,297.94		03/05/21	21:55	BA	454749
1,1,2-Trichloroethane	ETO15	2,400	1400	6600	ND	ND		03/05/21	21:55	BA	454749
Dibromochloromethane	ETO15	2,400	2700	10000	ND	ND		03/05/21	21:55	BA	454749
1,2-Dibromoethane (EDB)	ETO15	2,400	1800	9200	ND	ND		03/05/21	21:55	BA	454749
2-Hexanone	ETO15	2,400	1600	4900	ND	ND		03/05/21	21:55	BA	454749
Ethyl Benzene	ETO15	2,400	1500	5200	ND	ND		03/05/21	21:55	BA	454749
Chlorobenzene	ETO15	2,400	1400	5500	ND	ND		03/05/21	21:55	BA	454749
1,1,1,2-Tetrachloroethane	ETO15	2,400	2000	8200	ND	ND		03/05/21	21:55	BA	454749
m,p-Xylene	ETO15	2,400	2300	5200	ND	ND		03/05/21	21:55	BA	454749
o-Xylene	ETO15	2,400	730	5200	ND	ND		03/05/21	21:55	BA	454749
Styrene	ETO15	2,400	1100	5100	ND	ND		03/05/21	21:55	BA	454749
Bromoform	ETO15	2,400	3100	12000	ND	ND		03/05/21	21:55	BA	454749
1,1,2,2-Tetrachloroethane	ETO15	2,400	2000	8200	ND	ND		03/05/21	21:55	BA	454749
4-Ethyl Toluene	ETO15	2,400	1300	5900	ND	ND		03/05/21	21:55	BA	454749
1,3,5-Trimethylbenzene	ETO15	2,400	720	5900	ND	ND		03/05/21	21:55	BA	454749
1,2,4-Trimethylbenzene	ETO15	2,400	1400	5900	ND	ND		03/05/21	21:55	BA	454749
1,4-Dichlorobenzene	ETO15	2,400	1800	7200	ND	ND		03/05/21	21:55	BA	454749
1,3-Dichlorobenzene	ETO15	2,400	3200	7200	ND	ND		03/05/21	21:55	BA	454749
1,2-Dichlorobenzene	ETO15	2,400	2600	7200	ND	ND		03/05/21	21:55	BA	454749
Hexachlorobutadiene	ETO15	2,400	4500	13000	ND	ND		03/05/21	21:55	BA	454749
1,2,4-Trichlorobenzene	ETO15	2,400	5200	8900	ND	ND		03/05/21	21:55	BA	454749
Naphthalene	ETO15	2,400	3100	6300	ND	ND		03/05/21	21:55	BA	454749
(S) 4-Bromofluorobenzene	ETO15	2,400	50	150	91 %			03/05/21	21:55	BA	454749

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	DUP-2	**Lab Sample ID:**	2103042-007A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Air
Project Number:			
Date/Time Sampled:	03/02/21 /	**Certified Clean WO # :**	
Canister/Tube ID:	A7468	**Received PSI :**	12.3
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/5/21	1:00:00PM
Prep Batch ID:	1129817	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	ETO15	19,20	30000	48000	ND	ND		03/05/21	22:19	BA	454749
1,1-Difluoroethane	ETO15	19,20	6600	260000	ND	ND		03/05/21	22:19	BA	454749
1,2-Dichlorotetrafluoroethane	ETO15	19,20	27000	67000	ND	ND		03/05/21	22:19	BA	454749
Chloromethane	ETO15	19,20	39000	79000	ND	ND		03/05/21	22:19	BA	454749
Vinyl Chloride	ETO15	19,20	4300	25000	ND	ND		03/05/21	22:19	BA	454749
1,3-Butadiene	ETO15	19,20	6500	21000	ND	ND		03/05/21	22:19	BA	454749
Bromomethane	ETO15	19,20	13000	37000	ND	ND		03/05/21	22:19	BA	454749
Chloroethane	ETO15	19,20	16000	25000	ND	ND		03/05/21	22:19	BA	454749
Trichlorofluoromethane	ETO15	19,20	11000	54000	ND	ND		03/05/21	22:19	BA	454749
1,1-Dichloroethene	ETO15	19,20	16000	38000	ND	ND		03/05/21	22:19	BA	454749
Freon 113	ETO15	19,20	20000	74000	ND	ND		03/05/21	22:19	BA	454749
Carbon Disulfide	ETO15	19,20	7200	30000	ND	ND		03/05/21	22:19	BA	454749
2-Propanol (Isopropyl Alcohol)	ETO15	19,20	25000	240000	ND	ND		03/05/21	22:19	BA	454749
Methylene Chloride	ETO15	19,20	13000	200000	ND	ND		03/05/21	22:19	BA	454749
Acetone	ETO15	19,20	7600	230000	ND	ND		03/05/21	22:19	BA	454749
trans-1,2-Dichloroethene	ETO15	19,20	9100	38000	ND	ND		03/05/21	22:19	BA	454749
Hexane	ETO15	19,20	8900	34000	ND	ND		03/05/21	22:19	BA	454749
MTBE	ETO15	19,20	8500	35000	ND	ND		03/05/21	22:19	BA	454749
tert-Butanol	ETO15	19,20	12000	29000	ND	ND		03/05/21	22:19	BA	454749
Diisopropyl ether (DIPE)	ETO15	19,20	14000	40000	ND	ND		03/05/21	22:19	BA	454749
1,1-Dichloroethane	ETO15	19,20	10000	39000	ND	ND		03/05/21	22:19	BA	454749
ETBE	ETO15	19,20	6300	40000	ND	ND		03/05/21	22:19	BA	454749
cis-1,2-Dichloroethene	ETO15	19,20	16000	38000	ND	ND		03/05/21	22:19	BA	454749
Chloroform	ETO15	19,20	19000	47000	ND	ND		03/05/21	22:19	BA	454749
Vinyl Acetate	ETO15	19,20	15000	34000	ND	ND		03/05/21	22:19	BA	454749
Carbon Tetrachloride	ETO15	19,20	21000	60000	ND	ND		03/05/21	22:19	BA	454749
1,1,1-Trichloroethane	ETO15	19,20	15000	52000	ND	ND		03/05/21	22:19	BA	454749
2-Butanone (MEK)	ETO15	19,20	7500	28000	ND	ND		03/05/21	22:19	BA	454749
Ethyl Acetate	ETO15	19,20	9100	35000	ND	ND		03/05/21	22:19	BA	454749
Tetrahydrofuran	ETO15	19,20	8600	28000	ND	ND		03/05/21	22:19	BA	454749
Benzene	ETO15	19,20	8400	31000	ND	ND		03/05/21	22:19	BA	454749
TAME	ETO15	19,20	13000	40000	ND	ND		03/05/21	22:19	BA	454749
1,2-Dichloroethane (EDC)	ETO15	19,20	8100	39000	ND	ND		03/05/21	22:19	BA	454749

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	DUP-2	**Lab Sample ID:**	2103042-007A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Air
Project Number:			
Date/Time Sampled:	03/02/21 /	**Certified Clean WO # :**	
Canister/Tube ID:	A7468	**Received PSI :**	12.3
Collection Volume (L):		**Corrected PSI :**	
SDG:			

Prep Method:	TO15-P	**Prep Batch Date/Time:**	3/5/21	1:00:00PM
Prep Batch ID:	1129817	**Prep Analyst:**	BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Trichloroethylene	ETO15	19,20	15000	52000	ND	ND		03/05/21	22:19	BA	454749
1,2-Dichloropropane	ETO15	19,20	15000	44000	ND	ND		03/05/21	22:19	BA	454749
Bromodichloromethane	ETO15	19,20	14000	64000	ND	ND		03/05/21	22:19	BA	454749
1,4-Dioxane	ETO15	19,20	34000	69000	ND	ND		03/05/21	22:19	BA	454749
trans-1,3-Dichloropropene	ETO15	19,20	20000	44000	ND	ND		03/05/21	22:19	BA	454749
Toluene	ETO15	19,20	14000	36000	ND	ND		03/05/21	22:19	BA	454749
4-Methyl-2-Pentanone (MIBK)	ETO15	19,20	14000	39000	ND	ND		03/05/21	22:19	BA	454749
cis-1,3-Dichloropropene	ETO15	19,20	8100	44000	ND	ND		03/05/21	22:19	BA	454749
Tetrachloroethylene	ETO15	19,20	28000	65000	4900000	722,713.86		03/05/21	22:19	BA	454749
1,1,2-Trichloroethane	ETO15	19,20	11000	52000	ND	ND		03/05/21	22:19	BA	454749
Dibromochloromethane	ETO15	19,20	21000	82000	ND	ND		03/05/21	22:19	BA	454749
1,2-Dibromoethane (EDB)	ETO15	19,20	14000	74000	ND	ND		03/05/21	22:19	BA	454749
2-Hexanone	ETO15	19,20	13000	39000	ND	ND		03/05/21	22:19	BA	454749
Ethyl Benzene	ETO15	19,20	12000	42000	ND	ND		03/05/21	22:19	BA	454749
Chlorobenzene	ETO15	19,20	11000	44000	ND	ND		03/05/21	22:19	BA	454749
1,1,1,2-Tetrachloroethane	ETO15	19,20	16000	66000	ND	ND		03/05/21	22:19	BA	454749
m,p-Xylene	ETO15	19,20	19000	42000	ND	ND		03/05/21	22:19	BA	454749
o-Xylene	ETO15	19,20	5800	42000	ND	ND		03/05/21	22:19	BA	454749
Styrene	ETO15	19,20	8900	41000	ND	ND		03/05/21	22:19	BA	454749
Bromoform	ETO15	19,20	25000	99000	ND	ND		03/05/21	22:19	BA	454749
1,1,2,2-Tetrachloroethane	ETO15	19,20	16000	66000	ND	ND		03/05/21	22:19	BA	454749
4-Ethyl Toluene	ETO15	19,20	10000	47000	ND	ND		03/05/21	22:19	BA	454749
1,3,5-Trimethylbenzene	ETO15	19,20	5800	47000	ND	ND		03/05/21	22:19	BA	454749
1,2,4-Trimethylbenzene	ETO15	19,20	11000	47000	ND	ND		03/05/21	22:19	BA	454749
1,4-Dichlorobenzene	ETO15	19,20	14000	58000	ND	ND		03/05/21	22:19	BA	454749
1,3-Dichlorobenzene	ETO15	19,20	26000	58000	ND	ND		03/05/21	22:19	BA	454749
1,2-Dichlorobenzene	ETO15	19,20	21000	58000	ND	ND		03/05/21	22:19	BA	454749
Hexachlorobutadiene	ETO15	19,20	36000	100000	ND	ND		03/05/21	22:19	BA	454749
1,2,4-Trichlorobenzene	ETO15	19,20	41000	71000	ND	ND		03/05/21	22:19	BA	454749
Naphthalene	ETO15	19,20	24000	50000	ND	ND		03/05/21	22:19	BA	454749
(S) 4-Bromofluorobenzene	ETO15	19,20	50	150	90 %			03/05/21	22:19	BA	454749

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103042	**Prep Method:**	TO15-P	**Prep Date:**	03/03/21	**Prep Batch:**	1129748
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/3/2021	**Analytical Batch:**	454695
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.32	0.50	ND	
1,1-Difluoroethane	0.13	5.0	ND	
1,2-Dichlorotetrafluoroethane	0.20	0.50	ND	
Chloromethane	0.99	2.0	ND	
Vinyl Chloride	0.088	0.50	ND	
1,3-Butadiene	0.15	0.50	ND	
Bromomethane	0.17	0.50	ND	
Chloroethane	0.31	0.50	ND	
Trichlorofluoromethane	0.099	0.50	ND	
1,1-Dichloroethene	0.21	0.50	ND	
Freon 113	0.13	0.50	ND	
Carbon Disulfide	0.12	0.50	ND	
2-Propanol (Isopropyl Alcohol)	0.52	5.0	ND	
Methylene Chloride	0.20	3.0	ND	
Acetone	0.17	5.0	ND	
trans-1,2-Dichloroethene	0.12	0.50	ND	
Hexane	0.13	0.50	ND	
MTBE	0.12	0.50	ND	
tert-Butanol	0.20	0.50	ND	
Diisopropyl ether (DIPE)	0.18	0.50	ND	
1,1-Dichloroethane	0.13	0.50	ND	
ETBE	0.078	0.50	ND	
cis-1,2-Dichloroethene	0.21	0.50	ND	
Chloroform	0.20	0.50	ND	
Vinyl Acetate	0.22	0.50	ND	
Carbon Tetrachloride	0.18	0.50	ND	
1,1,1-Trichloroethane	0.15	0.50	ND	
2-Butanone (MEK)	0.13	0.50	ND	
Ethyl Acetate	0.13	0.50	0.14	
Tetrahydrofuran	0.15	0.50	ND	
Benzene	0.14	0.50	ND	
TAME	0.16	0.50	ND	
1,2-Dichloroethane (EDC)	0.10	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
1,2-Dichloropropane	0.17	0.50	ND	
Bromodichloromethane	0.11	0.50	ND	
1,4-Dioxane	0.50	1.0	ND	
trans-1,3-Dichloropropene	0.23	0.50	ND	
Toluene	0.20	0.50	ND	
4-Methyl-2-Pentanone (MIBK)	0.18	0.50	ND	
cis-1,3-Dichloropropene	0.093	0.50	ND	
Tetrachloroethylene	0.22	0.50	0.31	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103042	**Prep Method:**	TO15-P	**Prep Date:**	03/03/21	**Prep Batch:**	1129748
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/3/2021	**Analytical Batch:**	454695
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
1,1,2-Trichloroethane	0.11	0.50	ND	
Dibromochloromethane	0.13	0.50	ND	
1,2-Dibromoethane (EDB)	0.096	0.50	ND	
2-Hexanone	0.16	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
Chlorobenzene	0.13	0.50	ND	
1,1,1,2-Tetrachloroethane	0.12	0.50	ND	
m,p-Xylene	0.23	0.50	ND	
o-Xylene	0.070	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.13	0.50	ND	
1,1,2,2-Tetrachloroethane	0.12	0.50	ND	
4-Ethyl Toluene	0.11	0.50	ND	
1,3,5-Trimethylbenzene	0.061	0.50	ND	
1,2,4-Trimethylbenzene	0.12	0.50	ND	
1,4-Dichlorobenzene	0.12	0.50	ND	
1,3-Dichlorobenzene	0.22	0.50	ND	
1,2-Dichlorobenzene	0.18	0.50	ND	
Hexachlorobutadiene	0.17	0.50	ND	
1,2,4-Trichlorobenzene	0.29	0.50	ND	
Naphthalene	0.24	0.50	ND	
Cyclohexane	0.50	0.50	ND	
Benzyl Chloride	0.20	0.50	ND	
Heptane	0.13	0.50	ND	
(S) 4-Bromofluorobenzene			96	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103042	**Prep Method:**	TO15-P	**Prep Date:**	03/05/21	**Prep Batch:**	1129817
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/5/2021	**Analytical Batch:**	454749
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.32	0.50	ND	
1,1-Difluoroethane	0.13	5.0	ND	
1,2-Dichlorotetrafluoroethane	0.20	0.50	ND	
Chloromethane	0.99	2.0	ND	
Vinyl Chloride	0.088	0.50	ND	
1,3-Butadiene	0.15	0.50	ND	
Bromomethane	0.17	0.50	ND	
Chloroethane	0.31	0.50	ND	
Trichlorofluoromethane	0.099	0.50	ND	
1,1-Dichloroethene	0.21	0.50	ND	
Freon 113	0.13	0.50	ND	
Carbon Disulfide	0.12	0.50	ND	
2-Propanol (Isopropyl Alcohol)	0.52	5.0	ND	
Methylene Chloride	0.20	3.0	ND	
Acetone	0.17	5.0	0.22	
trans-1,2-Dichloroethene	0.12	0.50	ND	
Hexane	0.13	0.50	ND	
MTBE	0.12	0.50	ND	
tert-Butanol	0.20	0.50	ND	
Diisopropyl ether (DIPE)	0.18	0.50	ND	
1,1-Dichloroethane	0.13	0.50	ND	
ETBE	0.078	0.50	ND	
cis-1,2-Dichloroethene	0.21	0.50	ND	
Chloroform	0.20	0.50	ND	
Vinyl Acetate	0.22	0.50	ND	
Carbon Tetrachloride	0.18	0.50	ND	
1,1,1-Trichloroethane	0.15	0.50	ND	
2-Butanone (MEK)	0.13	0.50	ND	
Ethyl Acetate	0.13	0.50	ND	
Tetrahydrofuran	0.15	0.50	ND	
Benzene	0.14	0.50	ND	
TAME	0.16	0.50	ND	
1,2-Dichloroethane (EDC)	0.10	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
1,2-Dichloropropane	0.17	0.50	ND	
Bromodichloromethane	0.11	0.50	ND	
1,4-Dioxane	0.50	1.0	ND	
trans-1,3-Dichloropropene	0.23	0.50	ND	
Toluene	0.20	0.50	ND	
4-Methyl-2-Pentanone (MIBK)	0.18	0.50	ND	
cis-1,3-Dichloropropene	0.093	0.50	ND	
Tetrachloroethylene	0.22	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103042	**Prep Method:**	TO15-P	**Prep Date:**	03/05/21	**Prep Batch:**	1129817
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/5/2021	**Analytical Batch:**	454749
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
1,1,2-Trichloroethane	0.11	0.50	ND	
Dibromochloromethane	0.13	0.50	ND	
1,2-Dibromoethane (EDB)	0.096	0.50	ND	
2-Hexanone	0.16	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
Chlorobenzene	0.13	0.50	ND	
1,1,1,2-Tetrachloroethane	0.12	0.50	ND	
m,p-Xylene	0.23	0.50	ND	
o-Xylene	0.070	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.13	0.50	ND	
1,1,2,2-Tetrachloroethane	0.12	0.50	ND	
4-Ethyl Toluene	0.11	0.50	ND	
1,3,5-Trimethylbenzene	0.061	0.50	ND	
1,2,4-Trimethylbenzene	0.12	0.50	ND	
1,4-Dichlorobenzene	0.12	0.50	ND	
1,3-Dichlorobenzene	0.22	0.50	ND	
1,2-Dichlorobenzene	0.18	0.50	ND	
Hexachlorobutadiene	0.17	0.50	ND	
1,2,4-Trichlorobenzene	0.29	0.50	ND	
Naphthalene	0.24	0.50	ND	
Cyclohexane	0.50	0.50	ND	
Benzyl Chloride	0.20	0.50	ND	
Heptane	0.13	0.50	ND	
(S) 4-Bromofluorobenzene			92	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103042	**Prep Method:**	TO15-P	**Prep Date:**	03/08/21	**Prep Batch:**	1129818
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/8/2021	**Analytical Batch:**	454750
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.32	0.50	ND	
1,1-Difluoroethane	0.13	5.0	ND	
1,2-Dichlorotetrafluoroethane	0.20	0.50	ND	
Chloromethane	0.99	2.0	ND	
Vinyl Chloride	0.088	0.50	ND	
1,3-Butadiene	0.15	0.50	ND	
Bromomethane	0.17	0.50	ND	
Chloroethane	0.31	0.50	ND	
Trichlorofluoromethane	0.099	0.50	ND	
1,1-Dichloroethene	0.21	0.50	ND	
Freon 113	0.13	0.50	ND	
Carbon Disulfide	0.12	0.50	ND	
2-Propanol (Isopropyl Alcohol)	0.52	5.0	ND	
Methylene Chloride	0.20	3.0	ND	
Acetone	0.17	5.0	ND	
trans-1,2-Dichloroethene	0.12	0.50	ND	
Hexane	0.13	0.50	ND	
MTBE	0.12	0.50	ND	
tert-Butanol	0.20	0.50	ND	
Diisopropyl ether (DIPE)	0.18	0.50	ND	
1,1-Dichloroethane	0.13	0.50	ND	
ETBE	0.078	0.50	ND	
cis-1,2-Dichloroethene	0.21	0.50	ND	
Chloroform	0.20	0.50	ND	
Vinyl Acetate	0.22	0.50	ND	
Carbon Tetrachloride	0.18	0.50	ND	
1,1,1-Trichloroethane	0.15	0.50	ND	
2-Butanone (MEK)	0.13	0.50	ND	
Ethyl Acetate	0.13	0.50	ND	
Tetrahydrofuran	0.15	0.50	ND	
Benzene	0.14	0.50	ND	
TAME	0.16	0.50	ND	
1,2-Dichloroethane (EDC)	0.10	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
1,2-Dichloropropane	0.17	0.50	ND	
Bromodichloromethane	0.11	0.50	ND	
1,4-Dioxane	0.50	1.0	ND	
trans-1,3-Dichloropropene	0.23	0.50	ND	
Toluene	0.20	0.50	ND	
4-Methyl-2-Pentanone (MIBK)	0.18	0.50	ND	
cis-1,3-Dichloropropene	0.093	0.50	ND	
Tetrachloroethylene	0.22	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103042	**Prep Method:**	TO15-P	**Prep Date:**	03/08/21	**Prep Batch:**	1129818
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/8/2021	**Analytical Batch:**	454750
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
1,1,2-Trichloroethane	0.11	0.50	ND	
Dibromochloromethane	0.13	0.50	ND	
1,2-Dibromoethane (EDB)	0.096	0.50	ND	
2-Hexanone	0.16	0.50	ND	
Ethyl Benzene	0.15	0.50	ND	
Chlorobenzene	0.13	0.50	ND	
1,1,1,2-Tetrachloroethane	0.12	0.50	ND	
m,p-Xylene	0.23	0.50	ND	
o-Xylene	0.070	0.50	ND	
Styrene	0.11	0.50	ND	
Bromoform	0.13	0.50	ND	
1,1,2,2-Tetrachloroethane	0.12	0.50	ND	
4-Ethyl Toluene	0.11	0.50	ND	
1,3,5-Trimethylbenzene	0.061	0.50	ND	
1,2,4-Trimethylbenzene	0.12	0.50	ND	
1,4-Dichlorobenzene	0.12	0.50	ND	
1,3-Dichlorobenzene	0.22	0.50	ND	
1,2-Dichlorobenzene	0.18	0.50	ND	
Hexachlorobutadiene	0.17	0.50	ND	
1,2,4-Trichlorobenzene	0.29	0.50	ND	
Naphthalene	0.24	0.50	ND	
Cyclohexane	0.50	0.50	ND	
Benzyl Chloride	0.20	0.50	ND	
Heptane	0.13	0.50	ND	
(S) 4-Bromofluorobenzene			91	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2103042	**Prep Method:**	TO15-P	**Prep Date:**	03/03/21	**Prep Batch:**	1129748
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/3/2021	**Analytical Batch:**	454695
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.21	0.50	ND	8.00	118	119	0.846	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	92.5	93.9	1.48	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	102	106	3.74	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	99.5	101	1.74	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	98.3	100	1.77	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	97.1	96.7		50 - 150		

Work Order:	2103042	**Prep Method:**	TO15-P	**Prep Date:**	03/05/21	**Prep Batch:**	1129817
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/5/2021	**Analytical Batch:**	454749
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.21	0.50	ND	8.00	97.3	103	6.11	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	87.0	87.7	0.858	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	91.8	89.6	2.34	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	88.1	89.4	1.41	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	89.8	87.9	2.11	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	98.4	101		50 - 150		

Work Order:	2103042	**Prep Method:**	TO15-P	**Prep Date:**	03/08/21	**Prep Batch:**	1129818
Matrix:	Air	**Analytical Method:**	ETO15	**Analyzed Date:**	3/8/2021	**Analytical Batch:**	454750
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.21	0.50	ND	8.00	98.6	101	2.75	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	89.2	90.9	1.94	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	91.1	92.9	1.90	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	88.8	91.9	3.32	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	91.5	88.1	3.90	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	93.4	93.9		50 - 150		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg/m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Trinity Source Group

Project Name: 1600 Capitola Rd, Santa Cruz, CA

Work Order No.: 2103042

Date and Time Received: 3/3/2021 5:05:00PM

Received By: HU

Physically Logged By: Katherene Evans

Checklist Completed By: Katherene Evans

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes
Container/Temp Blank temperature in compliance?	Temperature: °C
Water-VOA vials have zero headspace?	No VOA vials submitted
Water-pH acceptable upon receipt?	N/A
pH Checked by: na	pH Adjusted by: na

Comments:

Summas rec'd at ambient temp

Login Summary Report

Client ID: TL5109 Trinity Source Group
Project Name: 1600 Capitola Rd, Santa Cruz, CA
Project # :
Report Due Date: 3/8/2021

QC Level: II
TAT Requested: 3 Day Std:3
Date Received: 3/3/2021
Time Received: 5:05 pm

Comments:
Work Order # : ***2103042***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2103042-001A	SVP-1-15	03/02/21 17:52	Air				VOC_A_TO15	
Sample Note:	IPA=Leak Check							
2103042-002A	SVP-1-5	03/02/21 17:13	Air				VOC_A_TO15	
2103042-003A	SVP-2-5	03/02/21 17:20	Air				VOC_A_TO15	
2103042-004A	SVP-5-15	03/02/21 13:51	Air				VOC_A_TO15	
2103042-005A	SVP-5-5	03/02/21 15:53	Air				VOC_A_TO15	
2103042-006A	SVP-2-15	03/02/21 13:03	Air				VOC_A_TO15	
2103042-007A	DUP-2	03/02/21	Air				VOC_A_TO15	

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.
483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 2103042

Company Name: Trinity Source Group, Inc ☐ ☑ Env. ☐ Special
Project #: 1600 Capitola Rd, Santa Cruz PO #: 575.002.003
Address: 119 Encinal St
Project Name: Former Fairway Dry Cleaners
City: Santa Cruz State: CA Zip Code: 95060
Comments: Put project # in email subject
Telephone: 831.426.5600 Cell: 831.713.8496
SAMPLER: A.M, D.K. Quote #:
REPORT TO: David Reinsma BILL TO: Trinity
EMAIL: labstrinity@gmail.com

TURNAROUND TIME:
☐ 10 Work Days ☐ 4 Work Days ☐ 1 Work Day
☐ 7 Work Days ☑ 3 Work Days ☐ Noon - Nxt Day
☐ 5 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours

SAMPLE TYPE:
☐ Indoor Air
☐ Ambient Air
☑ Soil/Gas Vapor
☐ Other

REPORT FORMAT:
☐ Level II - Std.
☑ Excel - EDD
☐ EDF ☐ Std.-EDD
☐ QC Level III
☐ QC Level IV

ANALYSIS REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	CANISTER I.D.	Initial Vac.	Final Vac.	Flow Controller #	TO 15	TO 15 SIM	TO 17	IPA as leak detector			REMARKS
001A	SVP-1-15	3/2/2021 1752	AIR	1	6L (1L)	A7481	-24	-4	DE-13	X			X			
002A	SVP-1-5	3/2/2021 1713	AIR	1	6L (1L)	R3585	-28	-4	DE-64	X			X			
003A	SVP-2-5	3/2/2021 1720	AIR	1	6L (1L)	6328	-28	-15	DE-36	X			X			
004A	SVP-5-15	3/2/2021 1351	AIR	1	6L (1L)	A7470	-22	-4	DE-10	X			X			
005A	SVP-5-5	3/2/2021 1353	AIR	1	6L (1L)	A11732	-24	-4	DE-21	X			X			
006A	SVP-2-15	3/2/2021 1303	AIR	1	6L (1L)	R3597	-26	-4	DE-13	X			X			
007A	DUP-2	3/2/2021	AIR	1	6L (1L)	A7468	-24	-4		X			X			
					6L 1L											
					6L 1L											
					6L 1L											

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	Dana Kelsby	Dana Kelsby	3/3/21	1705			3/3/21	1705
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition? ☑ Yes ☐ NO Samples on Ice? ☐ Yes ☑ NO Method of Shipment FED EX Sample seals intact? ☐ Yes ☐ NO ☐ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Log In By: Date: Labeled By: Date: Temp °C Page 1 of 1 Rev 4

David Reinsma
Trinity Source Group
119 Encinal Street
Santa Cruz, California 95060
Tel: 831-426-5600;Cell 831-227 4724
Fax: 831-426-5602
Email: dar@tsgcorp.net

RE: 1600 Capitola Rd, Santa Cruz, CA

Work Order No.: 2103041 Rev: 1

Dear David Reinsma:

Torrent Laboratory, Inc. received 6 sample(s) on March 03, 2021 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Kathie Evans
Project Manager

March 08, 2021
Date

Date: 3/8/2021

Client: Trinity Source Group

Project: 1600 Capitola Rd, Santa Cruz, CA

Work Order: 2103041

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Laboratory, Inc.

Note: for 8260B/GCMS-GRO: Final result & MDL/PQL (Detection Limit/Reporting limit) have been corrected for actual mass removed from the Terra Core container.

REVISIONS

Report revised to include percent moisture data for soil samples with detected concentrations of VOCs. VOC data for those samples is now reported on a dry weight basis.

Rev. 1 (3/11/21)

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 03/03/21
Date Reported: 03/08/21

SB-2-10 2103041-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	19.2	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.19	%
Tetrachloroethylene	SW8260B	1	0.0019	0.011	0.0197	mg/Kg

SB-2-5 2103041-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

SB-3-12 2103041-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

SB-3-18 2103041-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

SB-2-15 2103041-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	19.4	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.19	%
Tetrachloroethylene	SW8260B	1	0.0022	0.013	0.0349	mg/Kg

SB-3-7 2103041-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SB-2-10	**Lab Sample ID:**	2103041-001A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 17:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/4/21 9:55:00AM
Prep Batch ID:	1129744	**Prep Analyst:**	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.0014	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Chloromethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Vinyl Chloride	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Bromomethane	SW8260B	1	0.0031	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Chloroethane	SW8260B	1	0.0035	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Trichlorofluoromethane	SW8260B	1	0.0024	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,1-Dichloroethene	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Freon 113	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Methylene Chloride	SW8260B	1	0.0081	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
trans-1,2-Dichloroethene	SW8260B	1	0.0024	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
MTBE	SW8260B	1	0.0027	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
TBA	SW8260B	1	0.013	0.057	ND		mg/Kg	03/04/21	13:27	AD	454692
Diisopropyl ether	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,1-Dichloroethane	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Ethyl tert-Butyl ether	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
cis-1,2-Dichloroethene	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
2,2-Dichloropropane	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Bromochloromethane	SW8260B	1	0.0027	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Chloroform	SW8260B	1	0.0027	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Carbon Tetrachloride	SW8260B	1	0.0024	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,1,1-Trichloroethane	SW8260B	1	0.0024	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,1-Dichloropropene	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Benzene	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
TAME	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,2-Dichloroethane	SW8260B	1	0.0027	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Trichloroethylene	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Dibromomethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,2-Dichloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Bromodichloromethane	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
cis-1,3-Dichloropropene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Toluene	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Tetrachloroethylene	SW8260B	1	0.0019	0.011	**0.0197**		mg/Kg	03/04/21	13:27	AD	454692
trans-1,3-Dichloropropene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,1,2-Trichloroethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Dibromochloromethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,3-Dichloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SB-2-10	**Lab Sample ID:**	2103041-001A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 17:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/4/21 9:55:00AM
Prep Batch ID:	1129744	**Prep Analyst:**	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2-Dibromoethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Chlorobenzene	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Ethylbenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,1,1,2-Tetrachloroethane	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
m,p-Xylene	SW8260B	1	0.0036	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
o-Xylene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Styrene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Bromoform	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Isopropyl Benzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
n-Propylbenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Bromobenzene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,1,2,2-Tetrachloroethane	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
2-Chlorotoluene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,3,5-Trimethylbenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,2,3-Trichloropropane	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
4-Chlorotoluene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
tert-Butylbenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,2,4-Trimethylbenzene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
sec-Butyl Benzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
p-Isopropyltoluene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,3-Dichlorobenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,4-Dichlorobenzene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
n-Butylbenzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,2-Dichlorobenzene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Hexachlorobutadiene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,2,4-Trichlorobenzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
Naphthalene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
1,2,3-Trichlorobenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/04/21	13:27	AD	454692
2-Butanone	SW8260B	1	0.0026	0.0115	ND		mg/Kg	03/04/21	13:27	AD	454692
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**83.9**		%	03/04/21	13:27	AD	454692
(S) Toluene-d8	SW8260B		55.2 - 133		**94.2**		%	03/04/21	13:27	AD	454692
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**90.3**		%	03/04/21	13:27	AD	454692

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SB-2-10	**Lab Sample ID:**	2103041-001B
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 17:00		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/9/21 6:30:00PM
Prep Batch ID:	1129853	**Prep Analyst:**	MARI

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**19.2**		%	03/10/21	13:30	MK	454815
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.19**		-	03/10/21	13:30	MK	454815

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SB-2-5	**Lab Sample ID:**	2103041-002A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 16:45		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/4/21 9:55:00AM
Prep Batch ID:	1129744	**Prep Analyst:**	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.00100	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Chloromethane	SW8260B	1	0.0015	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Vinyl Chloride	SW8260B	1	0.0017	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Bromomethane	SW8260B	1	0.0022	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Chloroethane	SW8260B	1	0.0024	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Trichlorofluoromethane	SW8260B	1	0.0017	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,1-Dichloroethene	SW8260B	1	0.0016	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Freon 113	SW8260B	1	0.0015	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Methylene Chloride	SW8260B	1	0.0058	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
trans-1,2-Dichloroethene	SW8260B	1	0.0017	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
MTBE	SW8260B	1	0.0019	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
TBA	SW8260B	1	0.0094	0.041	ND		mg/Kg	03/04/21	13:57	AD	454692
Diisopropyl ether	SW8260B	1	0.0019	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,1-Dichloroethane	SW8260B	1	0.0018	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Ethyl tert-Butyl ether	SW8260B	1	0.0019	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
cis-1,2-Dichloroethene	SW8260B	1	0.0018	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
2,2-Dichloropropane	SW8260B	1	0.0016	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Bromochloromethane	SW8260B	1	0.0019	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Chloroform	SW8260B	1	0.0019	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Carbon Tetrachloride	SW8260B	1	0.0017	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,1,1-Trichloroethane	SW8260B	1	0.0017	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,1-Dichloropropene	SW8260B	1	0.0016	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Benzene	SW8260B	1	0.0018	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
TAME	SW8260B	1	0.0018	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,2-Dichloroethane	SW8260B	1	0.0019	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Trichloroethylene	SW8260B	1	0.0015	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Dibromomethane	SW8260B	1	0.0015	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,2-Dichloropropane	SW8260B	1	0.0015	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Bromodichloromethane	SW8260B	1	0.0016	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
cis-1,3-Dichloropropene	SW8260B	1	0.0013	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Toluene	SW8260B	1	0.0015	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Tetrachloroethylene	SW8260B	1	0.0013	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
trans-1,3-Dichloropropene	SW8260B	1	0.0013	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,1,2-Trichloroethane	SW8260B	1	0.0015	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Dibromochloromethane	SW8260B	1	0.0015	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,3-Dichloropropane	SW8260B	1	0.0015	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SB-2-5	**Lab Sample ID:**	2103041-002A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 16:45		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/4/21 9:55:00AM
Prep Batch ID:	1129744	**Prep Analyst:**	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2-Dibromoethane	SW8260B	1	0.0015	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Chlorobenzene	SW8260B	1	0.0015	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Ethylbenzene	SW8260B	1	0.0013	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,1,1,2-Tetrachloroethane	SW8260B	1	0.0016	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
m,p-Xylene	SW8260B	1	0.0026	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
o-Xylene	SW8260B	1	0.0014	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Styrene	SW8260B	1	0.0013	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Bromoform	SW8260B	1	0.0014	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Isopropyl Benzene	SW8260B	1	0.0013	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
n-Propylbenzene	SW8260B	1	0.0013	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Bromobenzene	SW8260B	1	0.0014	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,1,2,2-Tetrachloroethane	SW8260B	1	0.0016	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
2-Chlorotoluene	SW8260B	1	0.0014	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,3,5-Trimethylbenzene	SW8260B	1	0.0013	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,2,3-Trichloropropane	SW8260B	1	0.0015	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
4-Chlorotoluene	SW8260B	1	0.0013	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
tert-Butylbenzene	SW8260B	1	0.0013	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,2,4-Trimethylbenzene	SW8260B	1	0.0011	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
sec-Butyl Benzene	SW8260B	1	0.0013	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
p-Isopropyltoluene	SW8260B	1	0.0012	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,3-Dichlorobenzene	SW8260B	1	0.0014	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,4-Dichlorobenzene	SW8260B	1	0.0014	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
n-Butylbenzene	SW8260B	1	0.0012	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,2-Dichlorobenzene	SW8260B	1	0.0014	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.0015	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Hexachlorobutadiene	SW8260B	1	0.0011	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,2,4-Trichlorobenzene	SW8260B	1	0.0012	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
Naphthalene	SW8260B	1	0.0014	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
1,2,3-Trichlorobenzene	SW8260B	1	0.0014	0.0081	ND		mg/Kg	03/04/21	13:57	AD	454692
2-Butanone	SW8260B	1	0.0019	0.00812	ND		mg/Kg	03/04/21	13:57	AD	454692
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**83.0**		%	03/04/21	13:57	AD	454692
(S) Toluene-d8	SW8260B		55.2 - 133		**96.4**		%	03/04/21	13:57	AD	454692
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**93.5**		%	03/04/21	13:57	AD	454692

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SB-3-12	**Lab Sample ID:**	2103041-003A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 16:10		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/4/21	9:55:00AM	
Prep Batch ID:	1129744	**Prep Analyst:**	ADEB		

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.0011	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Chloromethane	SW8260B	1	0.0017	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Vinyl Chloride	SW8260B	1	0.0019	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Bromomethane	SW8260B	1	0.0025	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Chloroethane	SW8260B	1	0.0028	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Trichlorofluoromethane	SW8260B	1	0.0019	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,1-Dichloroethene	SW8260B	1	0.0019	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Freon 113	SW8260B	1	0.0017	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Methylene Chloride	SW8260B	1	0.0065	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
trans-1,2-Dichloroethene	SW8260B	1	0.0019	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
MTBE	SW8260B	1	0.0021	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
TBA	SW8260B	1	0.011	0.046	ND		mg/Kg	03/04/21	14:26	AD	454692
Diisopropyl ether	SW8260B	1	0.0021	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,1-Dichloroethane	SW8260B	1	0.0020	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Ethyl tert-Butyl ether	SW8260B	1	0.0021	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
cis-1,2-Dichloroethene	SW8260B	1	0.0020	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
2,2-Dichloropropane	SW8260B	1	0.0018	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Bromochloromethane	SW8260B	1	0.0021	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Chloroform	SW8260B	1	0.0022	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Carbon Tetrachloride	SW8260B	1	0.0019	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,1,1-Trichloroethane	SW8260B	1	0.0019	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,1-Dichloropropene	SW8260B	1	0.0018	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Benzene	SW8260B	1	0.0020	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
TAME	SW8260B	1	0.0021	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,2-Dichloroethane	SW8260B	1	0.0021	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Trichloroethylene	SW8260B	1	0.0017	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Dibromomethane	SW8260B	1	0.0017	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,2-Dichloropropane	SW8260B	1	0.0017	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Bromodichloromethane	SW8260B	1	0.0018	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
cis-1,3-Dichloropropene	SW8260B	1	0.0015	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Toluene	SW8260B	1	0.0017	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Tetrachloroethylene	SW8260B	1	0.0015	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
trans-1,3-Dichloropropene	SW8260B	1	0.0015	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,1,2-Trichloroethane	SW8260B	1	0.0017	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Dibromochloromethane	SW8260B	1	0.0017	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,3-Dichloropropane	SW8260B	1	0.0017	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SB-3-12	**Lab Sample ID:**	2103041-003A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 16:10		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/4/21 9:55:00AM
Prep Batch ID:	1129744	**Prep Analyst:**	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2-Dibromoethane	SW8260B	1	0.0017	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Chlorobenzene	SW8260B	1	0.0017	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Ethylbenzene	SW8260B	1	0.0015	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,1,1,2-Tetrachloroethane	SW8260B	1	0.0018	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
m,p-Xylene	SW8260B	1	0.0029	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
o-Xylene	SW8260B	1	0.0016	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Styrene	SW8260B	1	0.0015	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Bromoform	SW8260B	1	0.0015	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Isopropyl Benzene	SW8260B	1	0.0015	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
n-Propylbenzene	SW8260B	1	0.0014	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Bromobenzene	SW8260B	1	0.0016	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,1,2,2-Tetrachloroethane	SW8260B	1	0.0018	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
2-Chlorotoluene	SW8260B	1	0.0016	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,3,5-Trimethylbenzene	SW8260B	1	0.0014	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,2,3-Trichloropropane	SW8260B	1	0.0017	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
4-Chlorotoluene	SW8260B	1	0.0015	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
tert-Butylbenzene	SW8260B	1	0.0015	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,2,4-Trimethylbenzene	SW8260B	1	0.0012	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
sec-Butyl Benzene	SW8260B	1	0.0014	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
p-Isopropyltoluene	SW8260B	1	0.0013	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,3-Dichlorobenzene	SW8260B	1	0.0015	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,4-Dichlorobenzene	SW8260B	1	0.0016	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
n-Butylbenzene	SW8260B	1	0.0013	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,2-Dichlorobenzene	SW8260B	1	0.0016	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.0017	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Hexachlorobutadiene	SW8260B	1	0.0013	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,2,4-Trichlorobenzene	SW8260B	1	0.0013	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
Naphthalene	SW8260B	1	0.0015	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
1,2,3-Trichlorobenzene	SW8260B	1	0.0015	0.0092	ND		mg/Kg	03/04/21	14:26	AD	454692
2-Butanone	SW8260B	1	0.0021	0.00916	ND		mg/Kg	03/04/21	14:26	AD	454692
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**82.6**		%	03/04/21	14:26	AD	454692
(S) Toluene-d8	SW8260B		55.2 - 133		**94.7**		%	03/04/21	14:26	AD	454692
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**91.1**		%	03/04/21	14:26	AD	454692

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SB-3-18	**Lab Sample ID:**	2103041-004A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 16:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/4/21 9:55:00AM
Prep Batch ID:	1129744	**Prep Analyst:**	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.0012	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Chloromethane	SW8260B	1	0.0018	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Vinyl Chloride	SW8260B	1	0.0020	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Bromomethane	SW8260B	1	0.0026	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Chloroethane	SW8260B	1	0.0029	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Trichlorofluoromethane	SW8260B	1	0.0020	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,1-Dichloroethene	SW8260B	1	0.0020	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Freon 113	SW8260B	1	0.0018	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Methylene Chloride	SW8260B	1	0.0069	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
trans-1,2-Dichloroethene	SW8260B	1	0.0020	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
MTBE	SW8260B	1	0.0023	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
TBA	SW8260B	1	0.011	0.048	ND		mg/Kg	03/04/21	14:55	AD	454692
Diisopropyl ether	SW8260B	1	0.0022	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,1-Dichloroethane	SW8260B	1	0.0021	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Ethyl tert-Butyl ether	SW8260B	1	0.0022	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
cis-1,2-Dichloroethene	SW8260B	1	0.0021	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
2,2-Dichloropropane	SW8260B	1	0.0018	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Bromochloromethane	SW8260B	1	0.0023	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Chloroform	SW8260B	1	0.0023	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Carbon Tetrachloride	SW8260B	1	0.0020	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,1,1-Trichloroethane	SW8260B	1	0.0020	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,1-Dichloropropene	SW8260B	1	0.0019	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Benzene	SW8260B	1	0.0022	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
TAME	SW8260B	1	0.0022	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,2-Dichloroethane	SW8260B	1	0.0022	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Trichloroethylene	SW8260B	1	0.0017	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Dibromomethane	SW8260B	1	0.0018	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,2-Dichloropropane	SW8260B	1	0.0018	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Bromodichloromethane	SW8260B	1	0.0019	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
cis-1,3-Dichloropropene	SW8260B	1	0.0015	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Toluene	SW8260B	1	0.0018	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Tetrachloroethylene	SW8260B	1	0.0016	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
trans-1,3-Dichloropropene	SW8260B	1	0.0016	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,1,2-Trichloroethane	SW8260B	1	0.0018	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Dibromochloromethane	SW8260B	1	0.0018	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,3-Dichloropropane	SW8260B	1	0.0018	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SB-3-18	**Lab Sample ID:**	2103041-004A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 16:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/4/21 9:55:00AM
Prep Batch ID:	1129744	**Prep Analyst:**	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2-Dibromoethane	SW8260B	1	0.0017	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Chlorobenzene	SW8260B	1	0.0017	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Ethylbenzene	SW8260B	1	0.0016	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,1,1,2-Tetrachloroethane	SW8260B	1	0.0019	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
m,p-Xylene	SW8260B	1	0.0030	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
o-Xylene	SW8260B	1	0.0017	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Styrene	SW8260B	1	0.0016	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Bromoform	SW8260B	1	0.0016	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Isopropyl Benzene	SW8260B	1	0.0016	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
n-Propylbenzene	SW8260B	1	0.0015	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Bromobenzene	SW8260B	1	0.0017	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,1,2,2-Tetrachloroethane	SW8260B	1	0.0019	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
2-Chlorotoluene	SW8260B	1	0.0017	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,3,5-Trimethylbenzene	SW8260B	1	0.0015	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,2,3-Trichloropropane	SW8260B	1	0.0018	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
4-Chlorotoluene	SW8260B	1	0.0016	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
tert-Butylbenzene	SW8260B	1	0.0016	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,2,4-Trimethylbenzene	SW8260B	1	0.0013	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
sec-Butyl Benzene	SW8260B	1	0.0015	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
p-Isopropyltoluene	SW8260B	1	0.0014	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,3-Dichlorobenzene	SW8260B	1	0.0016	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,4-Dichlorobenzene	SW8260B	1	0.0017	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
n-Butylbenzene	SW8260B	1	0.0014	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,2-Dichlorobenzene	SW8260B	1	0.0017	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.0018	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Hexachlorobutadiene	SW8260B	1	0.0013	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,2,4-Trichlorobenzene	SW8260B	1	0.0014	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
Naphthalene	SW8260B	1	0.0016	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
1,2,3-Trichlorobenzene	SW8260B	1	0.0016	0.0097	ND		mg/Kg	03/04/21	14:55	AD	454692
2-Butanone	SW8260B	1	0.0022	0.00965	ND		mg/Kg	03/04/21	14:55	AD	454692
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**80.3**		%	03/04/21	14:55	AD	454692
(S) Toluene-d8	SW8260B		55.2 - 133		**95.4**		%	03/04/21	14:55	AD	454692
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**87.4**		%	03/04/21	14:55	AD	454692

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SB-2-15	**Lab Sample ID:**	2103041-005A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 17:15		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/4/21 9:55:00AM
Prep Batch ID:	1129744	**Prep Analyst:**	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.0016	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Chloromethane	SW8260B	1	0.0024	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Vinyl Chloride	SW8260B	1	0.0027	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Bromomethane	SW8260B	1	0.0035	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Chloroethane	SW8260B	1	0.0040	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Trichlorofluoromethane	SW8260B	1	0.0027	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,1-Dichloroethene	SW8260B	1	0.0027	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Freon 113	SW8260B	1	0.0025	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Methylene Chloride	SW8260B	1	0.0093	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
trans-1,2-Dichloroethene	SW8260B	1	0.0027	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
MTBE	SW8260B	1	0.0031	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
TBA	SW8260B	1	0.015	0.066	ND		mg/Kg	03/04/21	15:24	AD	454692
Diisopropyl ether	SW8260B	1	0.0030	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,1-Dichloroethane	SW8260B	1	0.0029	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Ethyl tert-Butyl ether	SW8260B	1	0.0030	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
cis-1,2-Dichloroethene	SW8260B	1	0.0029	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
2,2-Dichloropropane	SW8260B	1	0.0025	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Bromochloromethane	SW8260B	1	0.0031	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Chloroform	SW8260B	1	0.0031	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Carbon Tetrachloride	SW8260B	1	0.0027	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,1,1-Trichloroethane	SW8260B	1	0.0027	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,1-Dichloropropene	SW8260B	1	0.0026	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Benzene	SW8260B	1	0.0029	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
TAME	SW8260B	1	0.0030	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,2-Dichloroethane	SW8260B	1	0.0030	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Trichloroethylene	SW8260B	1	0.0024	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Dibromomethane	SW8260B	1	0.0024	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,2-Dichloropropane	SW8260B	1	0.0024	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Bromodichloromethane	SW8260B	1	0.0026	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
cis-1,3-Dichloropropene	SW8260B	1	0.0021	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Toluene	SW8260B	1	0.0024	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Tetrachloroethylene	SW8260B	1	0.0022	0.013	**0.0349**		mg/Kg	03/04/21	15:24	AD	454692
trans-1,3-Dichloropropene	SW8260B	1	0.0022	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,1,2-Trichloroethane	SW8260B	1	0.0024	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Dibromochloromethane	SW8260B	1	0.0025	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,3-Dichloropropane	SW8260B	1	0.0024	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SB-2-15	**Lab Sample ID:**	2103041-005A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 17:15		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/4/21 9:55:00AM
Prep Batch ID:	1129744	**Prep Analyst:**	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2-Dibromoethane	SW8260B	1	0.0024	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Chlorobenzene	SW8260B	1	0.0024	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Ethylbenzene	SW8260B	1	0.0022	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,1,1,2-Tetrachloroethane	SW8260B	1	0.0025	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
m,p-Xylene	SW8260B	1	0.0041	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
o-Xylene	SW8260B	1	0.0023	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Styrene	SW8260B	1	0.0022	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Bromoform	SW8260B	1	0.0022	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Isopropyl Benzene	SW8260B	1	0.0021	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
n-Propylbenzene	SW8260B	1	0.0020	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Bromobenzene	SW8260B	1	0.0023	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,1,2,2-Tetrachloroethane	SW8260B	1	0.0025	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
2-Chlorotoluene	SW8260B	1	0.0023	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,3,5-Trimethylbenzene	SW8260B	1	0.0021	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,2,3-Trichloropropane	SW8260B	1	0.0025	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
4-Chlorotoluene	SW8260B	1	0.0022	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
tert-Butylbenzene	SW8260B	1	0.0021	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,2,4-Trimethylbenzene	SW8260B	1	0.0018	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
sec-Butyl Benzene	SW8260B	1	0.0020	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
p-Isopropyltoluene	SW8260B	1	0.0019	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,3-Dichlorobenzene	SW8260B	1	0.0022	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,4-Dichlorobenzene	SW8260B	1	0.0022	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
n-Butylbenzene	SW8260B	1	0.0019	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,2-Dichlorobenzene	SW8260B	1	0.0023	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.0024	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Hexachlorobutadiene	SW8260B	1	0.0018	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,2,4-Trichlorobenzene	SW8260B	1	0.0019	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
Naphthalene	SW8260B	1	0.0022	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
1,2,3-Trichlorobenzene	SW8260B	1	0.0022	0.013	ND		mg/Kg	03/04/21	15:24	AD	454692
2-Butanone	SW8260B	1	0.0030	0.0131	ND		mg/Kg	03/04/21	15:24	AD	454692
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**78.5**		%	03/04/21	15:24	AD	454692
(S) Toluene-d8	SW8260B		55.2 - 133		**95.6**		%	03/04/21	15:24	AD	454692
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**90.6**		%	03/04/21	15:24	AD	454692

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SB-2-15	**Lab Sample ID:**	2103041-005B
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 17:15		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/9/21 6:30:00PM
Prep Batch ID:	1129853	**Prep Analyst:**	MARI

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**19.4**		%	03/10/21	13:30	MK	454815
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.19**		-	03/10/21	13:30	MK	454815

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SB-3-7	**Lab Sample ID:**	2103041-006A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 16:05		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/4/21 9:55:00AM
Prep Batch ID:	1129744	**Prep Analyst:**	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.0011	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Chloromethane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Vinyl Chloride	SW8260B	1	0.0018	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Bromomethane	SW8260B	1	0.0023	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Chloroethane	SW8260B	1	0.0026	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Trichlorofluoromethane	SW8260B	1	0.0018	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,1-Dichloroethene	SW8260B	1	0.0018	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Freon 113	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Methylene Chloride	SW8260B	1	0.0062	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
trans-1,2-Dichloroethene	SW8260B	1	0.0018	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
MTBE	SW8260B	1	0.0020	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
TBA	SW8260B	1	0.010	0.044	ND		mg/Kg	03/04/21	15:53	AD	454692
Diisopropyl ether	SW8260B	1	0.0020	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,1-Dichloroethane	SW8260B	1	0.0019	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Ethyl tert-Butyl ether	SW8260B	1	0.0020	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
cis-1,2-Dichloroethene	SW8260B	1	0.0019	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
2,2-Dichloropropane	SW8260B	1	0.0017	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Bromochloromethane	SW8260B	1	0.0020	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Chloroform	SW8260B	1	0.0021	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Carbon Tetrachloride	SW8260B	1	0.0018	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,1,1-Trichloroethane	SW8260B	1	0.0018	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,1-Dichloropropene	SW8260B	1	0.0017	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Benzene	SW8260B	1	0.0019	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
TAME	SW8260B	1	0.0020	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,2-Dichloroethane	SW8260B	1	0.0020	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Trichloroethylene	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Dibromomethane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,2-Dichloropropane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Bromodichloromethane	SW8260B	1	0.0017	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
cis-1,3-Dichloropropene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Toluene	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Tetrachloroethylene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
trans-1,3-Dichloropropene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,1,2-Trichloroethane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Dibromochloromethane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,3-Dichloropropane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	SB-3-7	**Lab Sample ID:**	2103041-006A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/02/21 / 16:05		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/4/21 9:55:00AM
Prep Batch ID:	1129744	**Prep Analyst:**	ADEB

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2-Dibromoethane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Chlorobenzene	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Ethylbenzene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,1,1,2-Tetrachloroethane	SW8260B	1	0.0017	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
m,p-Xylene	SW8260B	1	0.0028	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
o-Xylene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Styrene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Bromoform	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Isopropyl Benzene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
n-Propylbenzene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Bromobenzene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,1,2,2-Tetrachloroethane	SW8260B	1	0.0017	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
2-Chlorotoluene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,3,5-Trimethylbenzene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,2,3-Trichloropropane	SW8260B	1	0.0017	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
4-Chlorotoluene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
tert-Butylbenzene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,2,4-Trimethylbenzene	SW8260B	1	0.0012	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
sec-Butyl Benzene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
p-Isopropyltoluene	SW8260B	1	0.0013	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,3-Dichlorobenzene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,4-Dichlorobenzene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
n-Butylbenzene	SW8260B	1	0.0013	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,2-Dichlorobenzene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Hexachlorobutadiene	SW8260B	1	0.0012	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,2,4-Trichlorobenzene	SW8260B	1	0.0013	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
Naphthalene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
1,2,3-Trichlorobenzene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/04/21	15:53	AD	454692
2-Butanone	SW8260B	1	0.0020	0.00874	ND		mg/Kg	03/04/21	15:53	AD	454692
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**83.9**		%	03/04/21	15:53	AD	454692
(S) Toluene-d8	SW8260B		55.2 - 133		**93.7**		%	03/04/21	15:53	AD	454692
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**90.1**		%	03/04/21	15:53	AD	454692

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103041	**Prep Method:**	5035	**Prep Date:**	03/04/21	**Prep Batch:**	1129744
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/4/2021	**Analytical Batch:**	454692
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
TBA	12	50	ND	
Diisopropyl ether	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
Ethyl tert-Butyl ether	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethylbenzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	
o-Xylene	1.7	10	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103041	**Prep Method:**	5035	**Prep Date:**	03/04/21	**Prep Batch:**	1129744
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/4/2021	**Analytical Batch:**	454692
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	ND	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	2.3	10	ND	
4-Methyl-2-Pentanone (MIBK)	2.0	50	ND	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	
2-Hexanone	5.0	20	ND	
Acetone	8.2	20	17	
(S) Dibromofluoromethane			85.4	
(S) Toluene-d8			97.3	
(S) 4-Bromofluorobenzene			91.2	

Work Order:	2103041	**Prep Method:**	% Water-P	**Prep Date:**	03/09/21	**Prep Batch:**	1129853
Matrix:	Soil	**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	3/10/2021	**Analytical Batch:**	454815
Units:	%						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Moisture, Percent	0.050	0.050	ND	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2103041	**Prep Method:**	5035	**Prep Date:**	03/04/21	**Prep Batch:**	1129744
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/4/2021	**Analytical Batch:**	454692
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	108	89.1	19.3	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	107	103	4.38	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	101	97.4	3.43	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	98.5	95.8	2.88	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	102	101	1.57	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	103	86.8		59.8 - 148		
(S) Toluene-d8				50.0	98.2	95.7		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	99.8	94.7		55.8 - 141		

Torrent LABORATORY, INC.

Duplicate QC Summary Report

Work Order:	2103041	**Prep Method:**	% Water-P	**Prep Date:**	3/9/2021	**Prep Batch:**	1129853
Matrix:		**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	03/10/21	**Analytical Batch:**	454815
Units:						**Lab Sample ID:**	2103041-005B-DUP-1129853

Parameters	MDL	PQL	Sample Result	Duplicate Result	% RPD	
Moisture, Percent	0.050	0.0500	19.4	19.7	1.53	

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg/m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Trinity Source Group

Project Name: 1600 Capitola Rd, Santa Cruz, CA

Work Order No.: 2103041

Date and Time Received: 3/3/2021 5:05:00PM

Received By: HU

Physically Logged By: Katherene Evans

Checklist Completed By: Katherene Evans

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	6.0	°C
Water-VOA vials have zero headspace?	No VOA vials submitted			
Water-pH acceptable upon receipt?	N/A			

pH Checked by: na

pH Adjusted by: na

Comments:

Login Summary Report

Client ID: TL5109 Trinity Source Group
Project Name: 1600 Capitola Rd, Santa Cruz, CA
Project # : 575.002.003
Report Due Date: 3/11/2021

QC Level: II
TAT Requested: 3 Day Std:3
Date Received: 3/3/2021
Time Received: 5:05 pm

Comments:

Work Order # : ***2103041***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2103041-001A	SB-2-10	03/02/21 17:00	Soil	08/29/21			VOC_S_8260B mg/Kg	
Sample Note:	Terracores (did not select the EN_ test code because there isn't one in mg/kg)							
2103041-001B	SB-2-10	03/02/21 17:00	Soil	08/29/21			Hold Samples PMOIST	
Sample Note:								
2103041-002A	SB-2-5	03/02/21 16:45	Soil	08/29/21			VOC_S_8260B mg/Kg	
2103041-002B	SB-2-5	03/02/21 16:45	Soil	08/29/21			Hold Samples	
2103041-003A	SB-3-12	03/02/21 16:10	Soil	08/29/21			VOC_S_8260B mg/Kg	
2103041-003B	SB-3-12	03/02/21 16:10	Soil	08/29/21			Hold Samples	
2103041-004A	SB-3-18	03/02/21 16:00	Soil	08/29/21			VOC_S_8260B mg/Kg	
2103041-004B	SB-3-18	03/02/21 16:00	Soil	08/29/21			Hold Samples	
2103041-005A	SB-2-15	03/02/21 17:15	Soil	08/29/21			VOC_S_8260B mg/Kg	
2103041-005B	SB-2-15	03/02/21 17:15	Soil	08/29/21			Hold Samples PMOIST	
2103041-006A	SB-3-7	03/02/21 16:05	Soil	08/29/21			VOC_S_8260B mg/Kg	
2103041-006B	SB-3-7	03/02/21 16:05	Soil	08/29/21			Hold Samples	

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.
483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 2103041

Company Name: Trinity Source Group, Inc. ☑ Env. ☐ IH ☐ Food ☐ Special | Location of Sampling: 1600 Capitola Rd, Santa Cruz, CA

Address: 119 Encinal | Purpose: Site Assessment - Former Fairwway Dry Cleaners

City: Santa Cruz, CA | State: Santa Cruz, CA | Zip Code: 95060 | Special Instructions / Comments: Put Project # in email subject

Telephone: (831) 426-5600 | FAX: (831) 426-5602

REPORT TO: David Reinsma | SAMPLER: Anna M, Dana K. | P.O. #: 575.002.003 EMAIL: labstrinity@gmail.com

TURNAROUND TIME:
☐ 10 Work Days ☐ 4 Work Days ☐ 1 Work Day
☐ 7 Work Days ☑ 3 Work Days ☐ Noon - Nxt Day
☐ 5 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours

SAMPLE TYPE:
☐ Storm Water ☐ Air
☐ Waste Water ☐ Other
☐ Ground Water
☑ Soil

REPORT FORMAT:
☐ QC Level IV
☐ EDF
☑ Excel / EDD

ANALYSIS REQUESTED

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	VOCs by 8260B	% Moisture	REMARKS
001A		SB-2-10	3/2/21 1700	soil	3	Terracor	X		Analyze % moisture only for samples with detections
002A		SB-2-5	3/2/21 1645	SOIL	3+1	Terracor	X		
003A		SB-3-12	3/2/21 1610	SOIL	3+1	Terracor	X		
004A		SB-3-18	3/2/21 1600	SOIL	3+1	Terracor	X		
005A		SB-2-15	3/2/21 1715	SOIL	3+1	Terracor	X		
006A		SB-3-7	3/2/21 16:05	SOIL	3+1	Terracor	X		

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	Dana Kilsby	Dana Kilsby	3/3/21	1705			3/3/21	1705
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition? ☑ Yes ☐ NO | Samples on Ice? ☐ Yes ☑ NO | Method of Shipment DLO | Sample seals intact? ☐ Yes ☐ NO ☒ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Temp 0 °C #2 Page 1 of 1

Log In By: _____ Date: _____ | Log In Reviewed By: _____ Date: _____ Rev. 1

David Reinsma
Trinity Source Group
119 Encinal Street
Santa Cruz, California 95060
Tel: 831-426-5600;Cell 831-227 4724
Fax: 831-426-5602
Email: dar@tsgcorp.net

RE: 1600 Capitola Rd, Santa Cruz, CA

Work Order No.: 2103073 Rev: 2

Dear David Reinsma:

Torrent Laboratory, Inc. received 9 sample(s) on March 08, 2021 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Kathie Evans
Project Manager

March 11, 2021
Date

Date: 3/11/2021

Client: Trinity Source Group

Project: 1600 Capitola Rd, Santa Cruz, CA

Work Order: 2103073

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Laboratory, Inc.

Note: for 8260B/GCMS-GRO: Final result & MDL/PQL (Detection Limit/Reporting limit) have been corrected for actual mass removed from the Terra Core container.

REVISIONS

Report revised to include percent moisture data for soil samples with detected concentrations of VOCs. VOC data for those samples is now reported on a dry weight basis.

Rev. 1 (3/16/21)

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 03/08/21
Date Reported: 03/11/21

SB-1-5 2103073-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

SB-1-14 2103073-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	14.6	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.15	%
Tetrachloroethylene	SW8260B	1	0.0018	0.011	0.0249	mg/Kg

SB-1-18 2103073-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	23.8	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.24	%
Tetrachloroethylene	SW8260B	1	0.0020	0.012	0.297	mg/Kg

SB-4-10 2103073-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	22.2	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.22	%
Tetrachloroethylene	SW8260B	1	0.0018	0.011	0.0865	mg/Kg

SB-4-15 2103073-005

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	10.2	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.10	%
Tetrachloroethylene	SW8260B	1	0.0018	0.011	0.0117	mg/Kg

SB-4-24 2103073-006

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	7.47	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.07	%
Tetrachloroethylene	SW8260B	1	0.0018	0.011	0.0299	mg/Kg

SB-5-2 2103073-007

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit

All compounds were non-detectable for this sample.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 03/08/21
Date Reported: 03/11/21

SB-5-18 2103073-008

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	20.6	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.21	%
Tetrachloroethylene	SW8260B	1	0.0018	0.011	0.0209	mg/Kg

SB-5-24 2103073-009

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	23.8	%
Dry Weight Factor	ASTM D2216-90	1	1	1	1.24	%
Tetrachloroethylene	SW8260B	1	0.0019	0.012	0.0268	mg/Kg

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-1-5	**Lab Sample ID:**	2103073-001A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 15:45		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.0011	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Chloromethane	SW8260B	1	0.0017	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Vinyl Chloride	SW8260B	1	0.0019	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Bromomethane	SW8260B	1	0.0025	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Chloroethane	SW8260B	1	0.0028	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Trichlorofluoromethane	SW8260B	1	0.0019	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,1-Dichloroethene	SW8260B	1	0.0019	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Freon 113	SW8260B	1	0.0017	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Methylene Chloride	SW8260B	1	0.0065	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
trans-1,2-Dichloroethene	SW8260B	1	0.0019	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
MTBE	SW8260B	1	0.0021	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
TBA	SW8260B	1	0.011	0.046	ND		mg/Kg	03/09/21	13:41	BP	454805
Diisopropyl ether	SW8260B	1	0.0021	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,1-Dichloroethane	SW8260B	1	0.0020	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Ethyl tert-Butyl ether	SW8260B	1	0.0021	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
cis-1,2-Dichloroethene	SW8260B	1	0.0020	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
2,2-Dichloropropane	SW8260B	1	0.0017	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Bromochloromethane	SW8260B	1	0.0021	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Chloroform	SW8260B	1	0.0022	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Carbon Tetrachloride	SW8260B	1	0.0019	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,1,1-Trichloroethane	SW8260B	1	0.0019	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,1-Dichloropropene	SW8260B	1	0.0018	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Benzene	SW8260B	1	0.0020	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
TAME	SW8260B	1	0.0021	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,2-Dichloroethane	SW8260B	1	0.0021	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Trichloroethylene	SW8260B	1	0.0016	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Dibromomethane	SW8260B	1	0.0017	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,2-Dichloropropane	SW8260B	1	0.0017	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Bromodichloromethane	SW8260B	1	0.0018	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
cis-1,3-Dichloropropene	SW8260B	1	0.0015	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Toluene	SW8260B	1	0.0017	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Tetrachloroethylene	SW8260B	1	0.0015	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
trans-1,3-Dichloropropene	SW8260B	1	0.0015	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,1,2-Trichloroethane	SW8260B	1	0.0017	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Dibromochloromethane	SW8260B	1	0.0017	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,3-Dichloropropane	SW8260B	1	0.0017	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,2-Dibromoethane	SW8260B	1	0.0016	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Chlorobenzene	SW8260B	1	0.0017	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Ethylbenzene	SW8260B	1	0.0015	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-1-5	**Lab Sample ID:**	2103073-001A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 15:45		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.0018	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
m,p-Xylene	SW8260B	1	0.0029	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
o-Xylene	SW8260B	1	0.0016	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Styrene	SW8260B	1	0.0015	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Bromoform	SW8260B	1	0.0015	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Isopropyl Benzene	SW8260B	1	0.0015	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
n-Propylbenzene	SW8260B	1	0.0014	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Bromobenzene	SW8260B	1	0.0016	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,1,2,2-Tetrachloroethane	SW8260B	1	0.0018	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
2-Chlorotoluene	SW8260B	1	0.0016	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,3,5-Trimethylbenzene	SW8260B	1	0.0014	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,2,3-Trichloropropane	SW8260B	1	0.0017	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
4-Chlorotoluene	SW8260B	1	0.0015	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
tert-Butylbenzene	SW8260B	1	0.0015	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,2,4-Trimethylbenzene	SW8260B	1	0.0012	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
sec-Butyl Benzene	SW8260B	1	0.0014	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
p-Isopropyltoluene	SW8260B	1	0.0013	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,3-Dichlorobenzene	SW8260B	1	0.0015	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,4-Dichlorobenzene	SW8260B	1	0.0016	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
n-Butylbenzene	SW8260B	1	0.0013	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,2-Dichlorobenzene	SW8260B	1	0.0016	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.0017	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Hexachlorobutadiene	SW8260B	1	0.0012	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,2,4-Trichlorobenzene	SW8260B	1	0.0013	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
Naphthalene	SW8260B	1	0.0015	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
1,2,3-Trichlorobenzene	SW8260B	1	0.0015	0.0091	ND		mg/Kg	03/09/21	13:41	BP	454805
2-Butanone	SW8260B	1	0.0021	0.00912	ND		mg/Kg	03/09/21	13:41	BP	454805
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**140**		%	03/09/21	13:41	BP	454805
(S) Toluene-d8	SW8260B		55.2 - 133		**106**		%	03/09/21	13:41	BP	454805
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**94.9**		%	03/09/21	13:41	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-1-14	**Lab Sample ID:**	2103073-002A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 15:50		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.0014	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Chloromethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Vinyl Chloride	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Bromomethane	SW8260B	1	0.0030	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Chloroethane	SW8260B	1	0.0033	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Trichlorofluoromethane	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,1-Dichloroethene	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Freon 113	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Methylene Chloride	SW8260B	1	0.0078	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
trans-1,2-Dichloroethene	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
MTBE	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
TBA	SW8260B	1	0.013	0.055	ND		mg/Kg	03/09/21	14:10	BP	454805
Diisopropyl ether	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,1-Dichloroethane	SW8260B	1	0.0024	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Ethyl tert-Butyl ether	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
cis-1,2-Dichloroethene	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
2,2-Dichloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Bromochloromethane	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Chloroform	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Carbon Tetrachloride	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,1,1-Trichloroethane	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,1-Dichloropropene	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Benzene	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
TAME	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,2-Dichloroethane	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Trichloroethylene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Dibromomethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,2-Dichloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Bromodichloromethane	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
cis-1,3-Dichloropropene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Toluene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Tetrachloroethylene	SW8260B	1	0.0018	0.011	**0.0249**		mg/Kg	03/09/21	14:10	BP	454805
trans-1,3-Dichloropropene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,1,2-Trichloroethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Dibromochloromethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,3-Dichloropropane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,2-Dibromoethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Chlorobenzene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Ethylbenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-1-14	**Lab Sample ID:**	2103073-002A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 15:50		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
m,p-Xylene	SW8260B	1	0.0035	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
o-Xylene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Styrene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Bromoform	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Isopropyl Benzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
n-Propylbenzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Bromobenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,1,2,2-Tetrachloroethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
2-Chlorotoluene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,3,5-Trimethylbenzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,2,3-Trichloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
4-Chlorotoluene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
tert-Butylbenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,2,4-Trimethylbenzene	SW8260B	1	0.0015	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
sec-Butyl Benzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
p-Isopropyltoluene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,3-Dichlorobenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,4-Dichlorobenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
n-Butylbenzene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,2-Dichlorobenzene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Hexachlorobutadiene	SW8260B	1	0.0015	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,2,4-Trichlorobenzene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
Naphthalene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
1,2,3-Trichlorobenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	14:10	BP	454805
2-Butanone	SW8260B	1	0.0025	0.0110	ND		mg/Kg	03/09/21	14:10	BP	454805
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**143**		%	03/09/21	14:10	BP	454805
(S) Toluene-d8	SW8260B		55.2 - 133		**109**		%	03/09/21	14:10	BP	454805
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**96.3**		%	03/09/21	14:10	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-1-14	**Lab Sample ID:**	2103073-002B
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 15:50		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/11/21 7:15:00PM
Prep Batch ID:	1129952	**Prep Analyst:**	MARI

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**14.6**		%	03/12/21	12:50	MK	454876
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.15**		-	03/12/21	12:50	MK	454876

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-1-18	**Lab Sample ID:**	2103073-003A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 15:55		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.0015	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Chloromethane	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Vinyl Chloride	SW8260B	1	0.0024	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Bromomethane	SW8260B	1	0.0032	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Chloroethane	SW8260B	1	0.0036	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Trichlorofluoromethane	SW8260B	1	0.0024	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,1-Dichloroethene	SW8260B	1	0.0024	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Freon 113	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Methylene Chloride	SW8260B	1	0.0084	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
trans-1,2-Dichloroethene	SW8260B	1	0.0025	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
MTBE	SW8260B	1	0.0028	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
TBA	SW8260B	1	0.014	0.059	ND		mg/Kg	03/09/21	14:38	BP	454805
Diisopropyl ether	SW8260B	1	0.0027	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,1-Dichloroethane	SW8260B	1	0.0026	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Ethyl tert-Butyl ether	SW8260B	1	0.0027	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
cis-1,2-Dichloroethene	SW8260B	1	0.0026	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
2,2-Dichloropropane	SW8260B	1	0.0023	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Bromochloromethane	SW8260B	1	0.0028	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Chloroform	SW8260B	1	0.0028	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Carbon Tetrachloride	SW8260B	1	0.0024	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,1,1-Trichloroethane	SW8260B	1	0.0025	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,1-Dichloropropene	SW8260B	1	0.0023	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Benzene	SW8260B	1	0.0026	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
TAME	SW8260B	1	0.0027	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,2-Dichloroethane	SW8260B	1	0.0027	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Trichloroethylene	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Dibromomethane	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,2-Dichloropropane	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Bromodichloromethane	SW8260B	1	0.0023	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
cis-1,3-Dichloropropene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Toluene	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Tetrachloroethylene	SW8260B	1	0.0020	0.012	**0.297**		mg/Kg	03/09/21	14:38	BP	454805
trans-1,3-Dichloropropene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,1,2-Trichloroethane	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Dibromochloromethane	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,3-Dichloropropane	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,2-Dibromoethane	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Chlorobenzene	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Ethylbenzene	SW8260B	1	0.0020	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-1-18	**Lab Sample ID:**	2103073-003A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 15:55		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.0023	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
m,p-Xylene	SW8260B	1	0.0037	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
o-Xylene	SW8260B	1	0.0020	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Styrene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Bromoform	SW8260B	1	0.0020	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Isopropyl Benzene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
n-Propylbenzene	SW8260B	1	0.0018	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Bromobenzene	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,1,2,2-Tetrachloroethane	SW8260B	1	0.0023	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
2-Chlorotoluene	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,3,5-Trimethylbenzene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,2,3-Trichloropropane	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
4-Chlorotoluene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
tert-Butylbenzene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,2,4-Trimethylbenzene	SW8260B	1	0.0016	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
sec-Butyl Benzene	SW8260B	1	0.0018	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
p-Isopropyltoluene	SW8260B	1	0.0017	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,3-Dichlorobenzene	SW8260B	1	0.0020	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,4-Dichlorobenzene	SW8260B	1	0.0020	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
n-Butylbenzene	SW8260B	1	0.0017	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,2-Dichlorobenzene	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Hexachlorobutadiene	SW8260B	1	0.0016	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,2,4-Trichlorobenzene	SW8260B	1	0.0017	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
Naphthalene	SW8260B	1	0.0020	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
1,2,3-Trichlorobenzene	SW8260B	1	0.0020	0.012	ND		mg/Kg	03/09/21	14:38	BP	454805
2-Butanone	SW8260B	1	0.0027	0.0118	ND		mg/Kg	03/09/21	14:38	BP	454805
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**146**		%	03/09/21	14:38	BP	454805
(S) Toluene-d8	SW8260B		55.2 - 133		**110**		%	03/09/21	14:38	BP	454805
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**95.4**		%	03/09/21	14:38	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-1-18	**Lab Sample ID:**	2103073-003B
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 15:55		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/11/21 7:15:00PM
Prep Batch ID:	1129952	**Prep Analyst:**	MARI

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**23.8**		%	03/12/21	12:50	MK	454876
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.24**		-	03/12/21	12:50	MK	454876

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-4-10	**Lab Sample ID:**	2103073-004A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 13:45		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.0014	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Chloromethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Vinyl Chloride	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Bromomethane	SW8260B	1	0.0030	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Chloroethane	SW8260B	1	0.0033	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Trichlorofluoromethane	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,1-Dichloroethene	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Freon 113	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Methylene Chloride	SW8260B	1	0.0078	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
trans-1,2-Dichloroethene	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
MTBE	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
TBA	SW8260B	1	0.013	0.055	ND		mg/Kg	03/09/21	15:07	BP	454805
Diisopropyl ether	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,1-Dichloroethane	SW8260B	1	0.0024	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Ethyl tert-Butyl ether	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
cis-1,2-Dichloroethene	SW8260B	1	0.0024	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
2,2-Dichloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Bromochloromethane	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Chloroform	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Carbon Tetrachloride	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,1,1-Trichloroethane	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,1-Dichloropropene	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Benzene	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
TAME	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,2-Dichloroethane	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Trichloroethylene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Dibromomethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,2-Dichloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Bromodichloromethane	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
cis-1,3-Dichloropropene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Toluene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Tetrachloroethylene	SW8260B	1	0.0018	0.011	**0.0865**		mg/Kg	03/09/21	15:07	BP	454805
trans-1,3-Dichloropropene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,1,2-Trichloroethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Dibromochloromethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,3-Dichloropropane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,2-Dibromoethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Chlorobenzene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Ethylbenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-4-10	**Lab Sample ID:**	2103073-004A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 13:45		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
m,p-Xylene	SW8260B	1	0.0035	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
o-Xylene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Styrene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Bromoform	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Isopropyl Benzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
n-Propylbenzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Bromobenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,1,2,2-Tetrachloroethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
2-Chlorotoluene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,3,5-Trimethylbenzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,2,3-Trichloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
4-Chlorotoluene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
tert-Butylbenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,2,4-Trimethylbenzene	SW8260B	1	0.0015	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
sec-Butyl Benzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
p-Isopropyltoluene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,3-Dichlorobenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,4-Dichlorobenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
n-Butylbenzene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,2-Dichlorobenzene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Hexachlorobutadiene	SW8260B	1	0.0015	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,2,4-Trichlorobenzene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
Naphthalene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
1,2,3-Trichlorobenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:07	BP	454805
2-Butanone	SW8260B	1	0.0025	0.0110	ND		mg/Kg	03/09/21	15:07	BP	454805
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**134**		%	03/09/21	15:07	BP	454805
(S) Toluene-d8	SW8260B		55.2 - 133		**109**		%	03/09/21	15:07	BP	454805
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**94.5**		%	03/09/21	15:07	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-4-10	**Lab Sample ID:**	2103073-004B
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 13:45		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/11/21 7:15:00PM
Prep Batch ID:	1129952	**Prep Analyst:**	MARI

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**22.2**		%	03/12/21	12:50	MK	454876
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.22**		-	03/12/21	12:50	MK	454876

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-4-15	**Lab Sample ID:**	2103073-005A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 14:10		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.0014	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Chloromethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Vinyl Chloride	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Bromomethane	SW8260B	1	0.0030	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Chloroethane	SW8260B	1	0.0034	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Trichlorofluoromethane	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,1-Dichloroethene	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Freon 113	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Methylene Chloride	SW8260B	1	0.0079	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
trans-1,2-Dichloroethene	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
MTBE	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
TBA	SW8260B	1	0.013	0.056	ND		mg/Kg	03/09/21	15:36	BP	454805
Diisopropyl ether	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,1-Dichloroethane	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Ethyl tert-Butyl ether	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
cis-1,2-Dichloroethene	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
2,2-Dichloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Bromochloromethane	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Chloroform	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Carbon Tetrachloride	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,1,1-Trichloroethane	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,1-Dichloropropene	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Benzene	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
TAME	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,2-Dichloroethane	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Trichloroethylene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Dibromomethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,2-Dichloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Bromodichloromethane	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
cis-1,3-Dichloropropene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Toluene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Tetrachloroethylene	SW8260B	1	0.0018	0.011	**0.0117**		mg/Kg	03/09/21	15:36	BP	454805
trans-1,3-Dichloropropene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,1,2-Trichloroethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Dibromochloromethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,3-Dichloropropane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,2-Dibromoethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Chlorobenzene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Ethylbenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-4-15	**Lab Sample ID:**	2103073-005A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 14:10		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
m,p-Xylene	SW8260B	1	0.0035	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
o-Xylene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Styrene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Bromoform	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Isopropyl Benzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
n-Propylbenzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Bromobenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,1,2,2-Tetrachloroethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
2-Chlorotoluene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,3,5-Trimethylbenzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,2,3-Trichloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
4-Chlorotoluene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
tert-Butylbenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,2,4-Trimethylbenzene	SW8260B	1	0.0015	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
sec-Butyl Benzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
p-Isopropyltoluene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,3-Dichlorobenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,4-Dichlorobenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
n-Butylbenzene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,2-Dichlorobenzene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Hexachlorobutadiene	SW8260B	1	0.0015	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,2,4-Trichlorobenzene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
Naphthalene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
1,2,3-Trichlorobenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	15:36	BP	454805
2-Butanone	SW8260B	1	0.0025	0.0111	ND		mg/Kg	03/09/21	15:36	BP	454805
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**139**		%	03/09/21	15:36	BP	454805
(S) Toluene-d8	SW8260B		55.2 - 133		**109**		%	03/09/21	15:36	BP	454805
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**93.8**		%	03/09/21	15:36	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-4-15	**Lab Sample ID:**	2103073-005B
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 14:10		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/11/21 7:15:00PM
Prep Batch ID:	1129952	**Prep Analyst:**	MARI

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**10.2**		%	03/12/21	12:50	MK	454876
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.10**		-	03/12/21	12:50	MK	454876

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-4-24	**Lab Sample ID:**	2103073-006A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 14:20		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.0014	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Chloromethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Vinyl Chloride	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Bromomethane	SW8260B	1	0.0030	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Chloroethane	SW8260B	1	0.0033	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Trichlorofluoromethane	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,1-Dichloroethene	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Freon 113	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Methylene Chloride	SW8260B	1	0.0079	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
trans-1,2-Dichloroethene	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
MTBE	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
TBA	SW8260B	1	0.013	0.055	ND		mg/Kg	03/09/21	16:04	BP	454805
Diisopropyl ether	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,1-Dichloroethane	SW8260B	1	0.0024	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Ethyl tert-Butyl ether	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
cis-1,2-Dichloroethene	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
2,2-Dichloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Bromochloromethane	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Chloroform	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Carbon Tetrachloride	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,1,1-Trichloroethane	SW8260B	1	0.0023	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,1-Dichloropropene	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Benzene	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
TAME	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,2-Dichloroethane	SW8260B	1	0.0026	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Trichloroethylene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Dibromomethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,2-Dichloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Bromodichloromethane	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
cis-1,3-Dichloropropene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Toluene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Tetrachloroethylene	SW8260B	1	0.0018	0.011	**0.0299**		mg/Kg	03/09/21	16:04	BP	454805
trans-1,3-Dichloropropene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,1,2-Trichloroethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Dibromochloromethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,3-Dichloropropane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,2-Dibromoethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Chlorobenzene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Ethylbenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-4-24	**Lab Sample ID:**	2103073-006A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 14:20		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
m,p-Xylene	SW8260B	1	0.0035	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
o-Xylene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Styrene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Bromoform	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Isopropyl Benzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
n-Propylbenzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Bromobenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,1,2,2-Tetrachloroethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
2-Chlorotoluene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,3,5-Trimethylbenzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,2,3-Trichloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
4-Chlorotoluene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
tert-Butylbenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,2,4-Trimethylbenzene	SW8260B	1	0.0015	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
sec-Butyl Benzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
p-Isopropyltoluene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,3-Dichlorobenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,4-Dichlorobenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
n-Butylbenzene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,2-Dichlorobenzene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Hexachlorobutadiene	SW8260B	1	0.0015	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,2,4-Trichlorobenzene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
Naphthalene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
1,2,3-Trichlorobenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	16:04	BP	454805
2-Butanone	SW8260B	1	0.0025	0.0111	ND		mg/Kg	03/09/21	16:04	BP	454805
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**145**		%	03/09/21	16:04	BP	454805
(S) Toluene-d8	SW8260B		55.2 - 133		**113**		%	03/09/21	16:04	BP	454805
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**96.4**		%	03/09/21	16:04	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-4-24	**Lab Sample ID:**	2103073-006B
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 14:20		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/11/21 7:15:00PM
Prep Batch ID:	1129952	**Prep Analyst:**	MARI

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**7.47**		%	03/12/21	12:50	MK	454876
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.07**		-	03/12/21	12:50	MK	454876

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-5-2	**Lab Sample ID:**	2103073-007A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 11:10		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.0011	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Chloromethane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Vinyl Chloride	SW8260B	1	0.0018	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Bromomethane	SW8260B	1	0.0023	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Chloroethane	SW8260B	1	0.0026	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Trichlorofluoromethane	SW8260B	1	0.0018	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,1-Dichloroethene	SW8260B	1	0.0018	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Freon 113	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Methylene Chloride	SW8260B	1	0.0062	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
trans-1,2-Dichloroethene	SW8260B	1	0.0018	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
MTBE	SW8260B	1	0.0020	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
TBA	SW8260B	1	0.010	0.043	ND		mg/Kg	03/09/21	16:33	bp	454805
Diisopropyl ether	SW8260B	1	0.0020	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,1-Dichloroethane	SW8260B	1	0.0019	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Ethyl tert-Butyl ether	SW8260B	1	0.0020	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
cis-1,2-Dichloroethene	SW8260B	1	0.0019	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
2,2-Dichloropropane	SW8260B	1	0.0017	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Bromochloromethane	SW8260B	1	0.0020	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Chloroform	SW8260B	1	0.0021	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Carbon Tetrachloride	SW8260B	1	0.0018	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,1,1-Trichloroethane	SW8260B	1	0.0018	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,1-Dichloropropene	SW8260B	1	0.0017	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Benzene	SW8260B	1	0.0019	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
TAME	SW8260B	1	0.0020	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,2-Dichloroethane	SW8260B	1	0.0020	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Trichloroethylene	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Dibromomethane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,2-Dichloropropane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Bromodichloromethane	SW8260B	1	0.0017	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
cis-1,3-Dichloropropene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Toluene	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Tetrachloroethylene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
trans-1,3-Dichloropropene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,1,2-Trichloroethane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Dibromochloromethane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,3-Dichloropropane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,2-Dibromoethane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Chlorobenzene	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Ethylbenzene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-5-2	**Lab Sample ID:**	2103073-007A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 11:10		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.0017	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
m,p-Xylene	SW8260B	1	0.0027	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
o-Xylene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Styrene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Bromoform	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Isopropyl Benzene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
n-Propylbenzene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Bromobenzene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,1,2,2-Tetrachloroethane	SW8260B	1	0.0017	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
2-Chlorotoluene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,3,5-Trimethylbenzene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,2,3-Trichloropropane	SW8260B	1	0.0017	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
4-Chlorotoluene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
tert-Butylbenzene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,2,4-Trimethylbenzene	SW8260B	1	0.0012	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
sec-Butyl Benzene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
p-Isopropyltoluene	SW8260B	1	0.0013	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,3-Dichlorobenzene	SW8260B	1	0.0014	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,4-Dichlorobenzene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
n-Butylbenzene	SW8260B	1	0.0013	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,2-Dichlorobenzene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.0016	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Hexachlorobutadiene	SW8260B	1	0.0012	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,2,4-Trichlorobenzene	SW8260B	1	0.0013	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
Naphthalene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
1,2,3-Trichlorobenzene	SW8260B	1	0.0015	0.0087	ND		mg/Kg	03/09/21	16:33	bp	454805
2-Butanone	SW8260B	1	0.0020	0.00870	ND		mg/Kg	03/09/21	16:33	bp	454805
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**148**	S	%	03/09/21	16:33	bp	454805
(S) Toluene-d8	SW8260B		55.2 - 133		**158**	S	%	03/09/21	16:33	bp	454805
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**132**		%	03/09/21	16:33	bp	454805

NOTE: S-High surrogate recovery; Subsequent re-analysis of sample yielded the same result indicating a matrix effect.

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-5-18	**Lab Sample ID:**	2103073-008A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 12:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.0013	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Chloromethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Vinyl Chloride	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Bromomethane	SW8260B	1	0.0029	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Chloroethane	SW8260B	1	0.0032	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Trichlorofluoromethane	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,1-Dichloroethene	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Freon 113	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Methylene Chloride	SW8260B	1	0.0076	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
trans-1,2-Dichloroethene	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
MTBE	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
TBA	SW8260B	1	0.012	0.054	ND		mg/Kg	03/09/21	17:01	BP	454805
Diisopropyl ether	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,1-Dichloroethane	SW8260B	1	0.0024	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Ethyl tert-Butyl ether	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
cis-1,2-Dichloroethene	SW8260B	1	0.0024	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
2,2-Dichloropropane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Bromochloromethane	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Chloroform	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Carbon Tetrachloride	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,1,1-Trichloroethane	SW8260B	1	0.0022	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,1-Dichloropropene	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Benzene	SW8260B	1	0.0024	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
TAME	SW8260B	1	0.0024	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,2-Dichloroethane	SW8260B	1	0.0025	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Trichloroethylene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Dibromomethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,2-Dichloropropane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Bromodichloromethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
cis-1,3-Dichloropropene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Toluene	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Tetrachloroethylene	SW8260B	1	0.0018	0.011	**0.0209**		mg/Kg	03/09/21	17:01	BP	454805
trans-1,3-Dichloropropene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,1,2-Trichloroethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Dibromochloromethane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,3-Dichloropropane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,2-Dibromoethane	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Chlorobenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Ethylbenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-5-18	**Lab Sample ID:**	2103073-008A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 12:00		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
m,p-Xylene	SW8260B	1	0.0034	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
o-Xylene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Styrene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Bromoform	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Isopropyl Benzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
n-Propylbenzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Bromobenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,1,2,2-Tetrachloroethane	SW8260B	1	0.0021	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
2-Chlorotoluene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,3,5-Trimethylbenzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,2,3-Trichloropropane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
4-Chlorotoluene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
tert-Butylbenzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,2,4-Trimethylbenzene	SW8260B	1	0.0015	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
sec-Butyl Benzene	SW8260B	1	0.0017	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
p-Isopropyltoluene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,3-Dichlorobenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,4-Dichlorobenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
n-Butylbenzene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,2-Dichlorobenzene	SW8260B	1	0.0019	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.0020	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Hexachlorobutadiene	SW8260B	1	0.0015	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,2,4-Trichlorobenzene	SW8260B	1	0.0016	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
Naphthalene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
1,2,3-Trichlorobenzene	SW8260B	1	0.0018	0.011	ND		mg/Kg	03/09/21	17:01	BP	454805
2-Butanone	SW8260B	1	0.0025	0.0107	ND		mg/Kg	03/09/21	17:01	BP	454805
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**140**		%	03/09/21	17:01	BP	454805
(S) Toluene-d8	SW8260B		55.2 - 133		**112**		%	03/09/21	17:01	BP	454805
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**98.0**		%	03/09/21	17:01	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-5-18	**Lab Sample ID:**	2103073-008B
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 12:00		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/11/21 7:15:00PM
Prep Batch ID:	1129952	**Prep Analyst:**	MARI

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**20.6**		%	03/12/21	12:50	MK	454876
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.21**		-	03/12/21	12:50	MK	454876

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-5-24	**Lab Sample ID:**	2103073-009A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 12:05		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.0014	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Chloromethane	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Vinyl Chloride	SW8260B	1	0.0024	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Bromomethane	SW8260B	1	0.0031	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Chloroethane	SW8260B	1	0.0035	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Trichlorofluoromethane	SW8260B	1	0.0024	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,1-Dichloroethene	SW8260B	1	0.0024	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Freon 113	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Methylene Chloride	SW8260B	1	0.0083	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
trans-1,2-Dichloroethene	SW8260B	1	0.0024	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
MTBE	SW8260B	1	0.0027	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
TBA	SW8260B	1	0.013	0.058	ND		mg/Kg	03/09/21	17:30	BP	454805
Diisopropyl ether	SW8260B	1	0.0027	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,1-Dichloroethane	SW8260B	1	0.0026	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Ethyl tert-Butyl ether	SW8260B	1	0.0027	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
cis-1,2-Dichloroethene	SW8260B	1	0.0026	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
2,2-Dichloropropane	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Bromochloromethane	SW8260B	1	0.0027	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Chloroform	SW8260B	1	0.0028	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Carbon Tetrachloride	SW8260B	1	0.0024	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,1,1-Trichloroethane	SW8260B	1	0.0024	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,1-Dichloropropene	SW8260B	1	0.0023	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Benzene	SW8260B	1	0.0026	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
TAME	SW8260B	1	0.0026	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,2-Dichloroethane	SW8260B	1	0.0027	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Trichloroethylene	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Dibromomethane	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,2-Dichloropropane	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Bromodichloromethane	SW8260B	1	0.0023	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
cis-1,3-Dichloropropene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Toluene	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Tetrachloroethylene	SW8260B	1	0.0019	0.012	**0.0268**		mg/Kg	03/09/21	17:30	BP	454805
trans-1,3-Dichloropropene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,1,2-Trichloroethane	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Dibromochloromethane	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,3-Dichloropropane	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,2-Dibromoethane	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Chlorobenzene	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Ethylbenzene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-5-24	**Lab Sample ID:**	2103073-009A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 12:05		
SDG:			

Prep Method:	5035	**Prep Batch Date/Time:**	3/9/21 10:21:00AM
Prep Batch ID:	1129879	**Prep Analyst:**	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
m,p-Xylene	SW8260B	1	0.0037	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
o-Xylene	SW8260B	1	0.0020	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Styrene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Bromoform	SW8260B	1	0.0020	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Isopropyl Benzene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
n-Propylbenzene	SW8260B	1	0.0018	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Bromobenzene	SW8260B	1	0.0020	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,1,2,2-Tetrachloroethane	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
2-Chlorotoluene	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,3,5-Trimethylbenzene	SW8260B	1	0.0018	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,2,3-Trichloropropane	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
4-Chlorotoluene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
tert-Butylbenzene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,2,4-Trimethylbenzene	SW8260B	1	0.0016	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
sec-Butyl Benzene	SW8260B	1	0.0018	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
p-Isopropyltoluene	SW8260B	1	0.0017	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,3-Dichlorobenzene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,4-Dichlorobenzene	SW8260B	1	0.0020	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
n-Butylbenzene	SW8260B	1	0.0017	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,2-Dichlorobenzene	SW8260B	1	0.0021	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.0022	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Hexachlorobutadiene	SW8260B	1	0.0016	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,2,4-Trichlorobenzene	SW8260B	1	0.0017	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
Naphthalene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
1,2,3-Trichlorobenzene	SW8260B	1	0.0019	0.012	ND		mg/Kg	03/09/21	17:30	BP	454805
2-Butanone	SW8260B	1	0.0027	0.0117	ND		mg/Kg	03/09/21	17:30	BP	454805
(S) Dibromofluoromethane	SW8260B		59.8 - 148		**144**		%	03/09/21	17:30	BP	454805
(S) Toluene-d8	SW8260B		55.2 - 133		**109**		%	03/09/21	17:30	BP	454805
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		**95.7**		%	03/09/21	17:30	BP	454805

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21, 4:30 pm
Date Reported: 03/11/21

Client Sample ID:	SB-5-24	**Lab Sample ID:**	2103073-009B
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Soil
Project Number:	575.002.003		
Date/Time Sampled:	03/05/21 / 12:05		
SDG:			

Prep Method:	% Water-P	**Prep Batch Date/Time:**	3/11/21 7:15:00PM
Prep Batch ID:	1129952	**Prep Analyst:**	MARI

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Moisture, Percent	ASTM D2216-90	1	0.050	0.050	**23.8**		%	03/12/21	12:50	MK	454876
Dry Weight Factor	ASTM D2216-90	1	1	1	**1.24**		-	03/12/21	12:50	MK	454876

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103073	**Prep Method:**	5035	**Prep Date:**	03/09/21	**Prep Batch:**	1129879
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/9/2021	**Analytical Batch:**	454805
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	3.7	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
TBA	12	50	ND	
Diisopropyl ether	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
Ethyl tert-Butyl ether	2.3	10	4.3	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethylbenzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	
o-Xylene	1.7	10	4.7	
Styrene	1.6	10	2.5	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	3.9	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103073	**Prep Method:**	5035	**Prep Date:**	03/09/21	**Prep Batch:**	1129879
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/9/2021	**Analytical Batch:**	454805
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
n-Propylbenzene	1.6	10	1.8	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	1.8	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	1.8	
1,2,4-Trimethylbenzene	1.4	10	2.1	
sec-Butyl Benzene	1.6	10	2.1	
p-Isopropyltoluene	1.5	10	3.1	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	1.6	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	ND	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	6.9	
Naphthalene	1.7	10	9.2	
1,2,3-Trichlorobenzene	1.7	10	1.9	
2-Butanone	2.3	10	8.6	
4-Methyl-2-Pentanone (MIBK)	2.0	50	6.8	
Hexachloroethane	5.0	10	ND	
1,4-Dioxane	100	200	ND	
2-Hexanone	5.0	20	ND	
Acetone	8.2	20	16	
(S) Dibromofluoromethane			123	
(S) Toluene-d8			115	
(S) 4-Bromofluorobenzene			98.3	

Work Order:	2103073	**Prep Method:**	% Water-P	**Prep Date:**	03/11/21	**Prep Batch:**	1129952
Matrix:	Soil	**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	3/12/2021	**Analytical Batch:**	454876
Units:	%						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Moisture, Percent	0.050	0.050	ND	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2103073	**Prep Method:**	5035	**Prep Date:**	03/09/21	**Prep Batch:**	1129879
Matrix:	Soil	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/9/2021	**Analytical Batch:**	454805
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50.0	92.9	94.2	1.28	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	101	106	5.41	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	103	108	4.92	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	108	117	7.64	56.8 - 134	30	
Chlorobenzene	1.8	10	3.7	50.0	101	108	6.30	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	101	114		59.8 - 148		
(S) Toluene-d8				50.0	106	123		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	91.5	104		55.8 - 141		

Torrent LABORATORY, INC.

Duplicate QC Summary Report

Work Order:	2103073	**Prep Method:**	% Water-P	**Prep Date:**	3/11/2021	**Prep Batch:**	1129952
Matrix:		**Analytical Method:**	ASTM D2216-90	**Analyzed Date:**	03/12/21	**Analytical Batch:**	454876
Units:						**Lab Sample ID:**	2103073-002B-DUP-1129952

Parameters	MDL	PQL	Sample Result	Duplicate Result	% RPD	
Moisture, Percent	0.050	0.0500	14.6	14.2	2.78	

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg/m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Trinity Source Group

Project Name: 1600 Capitola Rd, Santa Cruz, CA

Work Order No.: 2103073

Date and Time Received: 3/8/2021 4:30:00PM

Received By: Helena Ueng

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	5.0	°C
Water-VOA vials have zero headspace?	No VOA vials submitted			
Water-pH acceptable upon receipt?	N/A			

pH Checked by: N/A

pH Adjusted by: N/A

Comments:

Torrent LABORATORY, INC.

Login Summary Report

Client ID: TL5109 Trinity Source Group
Project Name: 1600 Capitola Rd, Santa Cruz, CA
Project # : 575.002.003
Report Due Date: 3/16/2021

QC Level: II
TAT Requested: 3 Day Std:3
Date Received: 3/8/2021
Time Received: 4:30 pm

Comments:

Work Order # : ***2103073***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2103073-001A	SB-1-5	03/05/21 15:45	Soil	09/01/21			VOC_S_8260B mg/Kg	
Sample Note:	Terracores							
2103073-001B	SB-1-5	03/05/21 15:45	Soil	09/01/21			Hold Samples	
2103073-002A	SB-1-14	03/05/21 15:50	Soil	09/01/21			VOC_S_8260B mg/Kg	
2103073-002B	SB-1-14	03/05/21 15:50	Soil	09/01/21			Hold Samples PMOIST	
2103073-003A	SB-1-18	03/05/21 15:55	Soil	09/01/21			VOC_S_8260B mg/Kg	
2103073-003B	SB-1-18	03/05/21 15:55	Soil	09/01/21			Hold Samples PMOIST	
2103073-004A	SB-4-10	03/05/21 13:45	Soil	09/01/21			VOC_S_8260B mg/Kg	
2103073-004B	SB-4-10	03/05/21 13:45	Soil	09/01/21			Hold Samples PMOIST	
2103073-005A	SB-4-15	03/05/21 14:10	Soil	09/01/21			VOC_S_8260B mg/Kg	
2103073-005B	SB-4-15	03/05/21 14:10	Soil	09/01/21			Hold Samples PMOIST	
2103073-006A	SB-4-24	03/05/21 14:20	Soil	09/01/21			VOC_S_8260B mg/Kg	
2103073-006B	SB-4-24	03/05/21 14:20	Soil	09/01/21			Hold Samples PMOIST	
2103073-007A	SB-5-2	03/05/21 11:10	Soil	09/01/21			VOC_S_8260B mg/Kg	
2103073-007B	SB-5-2	03/05/21 11:10	Soil	09/01/21			Hold Samples	
2103073-008A	SB-5-18	03/05/21 12:00	Soil	09/01/21				

Login Summary Report

Client ID: TL5109 Trinity Source Group
Project Name: 1600 Capitola Rd, Santa Cruz, CA
Project # : 575.002.003
Report Due Date: 3/16/2021

QC Level: II
TAT Requested: 3 Day Std:3
Date Received: 3/8/2021
Time Received: 4:30 pm

Comments:

Work Order # : ***2103073***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2103073-008B	SB-5-18	03/05/21 12:00	Soil	09/01/21			VOC_S_8260B mg/Kg Hold Samples PMOIST	
2103073-009A	SB-5-24	03/05/21 12:05	Soil	09/01/21			VOC_S_8260B mg/Kg Hold Samples PMOIST	
2103073-009B	SB-5-24	03/05/21 12:05	Soil	09/01/21				

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.
483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 203073

Company Name: Trinity Source Group, Inc. ☑ Env. ☐ IH ☐ Food ☐ Special | Location of Sampling: 1600 Capitola Rd, Santa Cruz, CA

Address: 119 Encinal | Purpose: Site Assessment - Former Fairyway Dry Cleaners

City: Santa Cruz, CA | State: Santa Cruz, CA | Zip Code: 95060 | Special Instructions / Comments:

Telephone: (831) 426-5600 | FAX: (831) 426-5602

REPORT TO: David Reinsma | SAMPLER: Dana K, Anna M | P.O. #: 575.002.003 EMAIL: labstrinity@gmail.com

TURNAROUND TIME:
☐ 10 Work Days ☐ 4 Work Days ☐ 1 Work Day
☐ 7 Work Days ☑ 3 Work Days ☐ Noon - Nxt Day
☐ 5 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours

SAMPLE TYPE:
☐ Storm Water ☐ Air
☐ Waste Water ☐ Other
☐ Ground Water
☑ Soil

REPORT FORMAT:
☐ QC Level IV
☐ EDF
☑ Excel / EDD

ANALYSIS REQUESTED

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	VOCs by 8260B Full SCAN	% Moisture	REMARKS
001		SB-1-5	3/5/21 1545	soil	4	Terracor	X		Analyze % moisture only for samples with detections
002		SB-1-14	3/5/21 15:50	soil	4		X		
003		SB-1-18	3/5/21 15:55		4		X		
004		SB-4-10	3/5/21 13:45		4		X		
005		SB-4-15	3/5/21 14:10		4		X		
006		SB-4-24	3/5/21 14:20		4		X		
007		SB-5-2	3/5/21 11:10		4		X		
008		SB-5-18	3/5/21 12:00		4		X		
009		SB-5-24	3/5/21 12:05		4		X		

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1		Dana Kilsby	3/8/21	1630		Hilerell	3/8/21	1630
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition? ☑ Yes ☐ NO Samples on Ice? ☑ Yes ☐ NO Method of Shipment D/O Sample seals intact? ☐ Yes ☐ NO ☒ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Temp = 5°C #2 Temp 5 °C Page ____ of ____

Log In By: _____ Date: _____ Log In Reviewed By: _____ Date: _____ Rev. 1

David Reinsma
Trinity Source Group
119 Encinal Street
Santa Cruz, California 95060
Tel: 831-426-5600;Cell 831-227 4724
Fax: 831-426-5602
Email: dar@tsgcorp.net

RE: 1600 Capitola Rd, Santa Cruz, CA

Work Order No.: 2103040

Dear David Reinsma:

Torrent Laboratory, Inc. received 1 sample(s) on March 03, 2021 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Kathie Evans
Project Manager

March 08, 2021
Date

Date: 3/8/2021

Client: Trinity Source Group

Project: 1600 Capitola Rd, Santa Cruz, CA

Work Order: 2103040

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Laboratory, Inc.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 03/03/21
Date Reported: 03/08/21

GW-3 2103040-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
cis-1,2-Dichloroethene	SW8260B	4.2	0.63	2.1	0.63	ug/L
Tetrachloroethylene	SW8260B	4.2	1.00	2.1	150	ug/L

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	GW-3	**Lab Sample ID:**	2103040-001A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	03/02/21 / 16:25		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/5/21 12:09:00AM
Prep Batch ID:	1129820	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Dichlorodifluoromethane	SW8260B	4.2	1.1	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Chloromethane	SW8260B	4.2	0.70	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Vinyl Chloride	SW8260B	4.2	0.87	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Bromomethane	SW8260B	4.2	0.89	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Chloroethane	SW8260B	4.2	0.48	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Trichlorofluoromethane	SW8260B	4.2	0.78	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,1-Dichloroethene	SW8260B	4.2	0.60	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Freon 113	SW8260B	4.2	1.4	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Methylene Chloride	SW8260B	4.2	0.55	4.2	ND		ug/L	03/05/21	16:34	JZ	454753
trans-1,2-Dichloroethene	SW8260B	4.2	0.68	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
MTBE	SW8260B	4.2	0.32	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
tert-Butanol	SW8260B	4.2	12	21	ND		ug/L	03/05/21	16:34	JZ	454753
DIPE	SW8260B	4.2	0.51	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,1-Dichloroethane	SW8260B	4.2	0.51	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
ETBE	SW8260B	4.2	0.27	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
cis-1,2-Dichloroethene	SW8260B	4.2	0.63	2.1	**0.63**	J	ug/L	03/05/21	16:34	JZ	454753
2,2-Dichloropropane	SW8260B	4.2	0.39	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Bromochloromethane	SW8260B	4.2	0.63	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Chloroform	SW8260B	4.2	0.51	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Carbon Tetrachloride	SW8260B	4.2	0.66	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,1,1-Trichloroethane	SW8260B	4.2	0.68	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,1-Dichloropropene	SW8260B	4.2	0.78	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Benzene	SW8260B	4.2	0.27	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
TAME	SW8260B	4.2	0.30	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,2-Dichloroethane	SW8260B	4.2	0.46	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Trichloroethylene	SW8260B	4.2	0.61	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Dibromomethane	SW8260B	4.2	0.45	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,2-Dichloropropane	SW8260B	4.2	0.37	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Bromodichloromethane	SW8260B	4.2	0.32	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
cis-1,3-Dichloropropene	SW8260B	4.2	0.33	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Toluene	SW8260B	4.2	0.60	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Tetrachloroethylene	SW8260B	4.2	1.00	2.1	**150**		ug/L	03/05/21	16:34	JZ	454753
trans-1,3-Dichloropropene	SW8260B	4.2	0.91	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,1,2-Trichloroethane	SW8260B	4.2	0.32	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Dibromochloromethane	SW8260B	4.2	0.76	2.1	ND		ug/L	03/05/21	16:34	JZ	454753

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/03/21, 5:05 pm
Date Reported: 03/08/21

Client Sample ID:	GW-3	**Lab Sample ID:**	2103040-001A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	03/02/21 / 16:25		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/5/21 12:09:00AM
Prep Batch ID:	1129820	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
1,3-Dichloropropane	SW8260B	4.2	0.91	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,2-Dibromoethane	SW8260B	4.2	0.33	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Chlorobenzene	SW8260B	4.2	0.68	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Ethylbenzene	SW8260B	4.2	0.82	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,1,1,2-Tetrachloroethane	SW8260B	4.2	0.37	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
m,p-Xylene	SW8260B	4.2	1.7	4.2	ND		ug/L	03/05/21	16:34	JZ	454753
o-Xylene	SW8260B	4.2	0.65	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Styrene	SW8260B	4.2	0.46	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Bromoform	SW8260B	4.2	0.32	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Isopropyl Benzene	SW8260B	4.2	0.91	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
n-Propylbenzene	SW8260B	4.2	1.2	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
Bromobenzene	SW8260B	4.2	0.63	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,1,2,2-Tetrachloroethane	SW8260B	4.2	0.33	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
2-Chlorotoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,3,5-Trimethylbenzene	SW8260B	4.2	1.0	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,2,3-Trichloropropane	SW8260B	4.2	0.61	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
4-Chlorotoluene	SW8260B	4.2	0.90	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
tert-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,2,4-Trimethylbenzene	SW8260B	4.2	0.97	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
sec-Butyl Benzene	SW8260B	4.2	1.2	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
p-Isopropyltoluene	SW8260B	4.2	1.1	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,3-Dichlorobenzene	SW8260B	4.2	0.70	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,4-Dichlorobenzene	SW8260B	4.2	0.74	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
n-Butylbenzene	SW8260B	4.2	1.1	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,2-Dichlorobenzene	SW8260B	4.2	0.67	2.1	ND		ug/L	03/05/21	16:34	JZ	454753
1,2-Dibromo-3-Chloropropane	SW8260B	4.2	3.2	8.4	ND		ug/L	03/05/21	16:34	JZ	454753
Hexachlorobutadiene	SW8260B	4.2	2.6	8.4	ND		ug/L	03/05/21	16:34	JZ	454753
1,2,4-Trichlorobenzene	SW8260B	4.2	3.9	8.4	ND		ug/L	03/05/21	16:34	JZ	454753
Naphthalene	SW8260B	4.2	5.1	8.4	ND		ug/L	03/05/21	16:34	JZ	454753
1,2,3-Trichlorobenzene	SW8260B	4.2	5.1	8.4	ND		ug/L	03/05/21	16:34	JZ	454753
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**111**		%	03/05/21	16:34	JZ	454753
(S) Toluene-d8	SW8260B		75.1 - 127		**102**		%	03/05/21	16:34	JZ	454753
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**107**		%	03/05/21	16:34	JZ	454753

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103040	**Prep Method:**	5030VOC	**Prep Date:**	03/05/21	**Prep Batch:**	1129820
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/5/2021	**Analytical Batch:**	454753
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.26	0.50	ND	
Chloromethane	0.17	0.50	ND	
Vinyl Chloride	0.21	0.50	ND	
Bromomethane	0.21	0.50	0.21	
Chloroethane	0.11	0.50	ND	
Trichlorofluoromethane	0.19	0.50	ND	
1,1-Dichloroethene	0.14	0.50	ND	
Freon 113	0.34	0.50	ND	
Methylene Chloride	0.13	1.0	ND	
trans-1,2-Dichloroethene	0.16	0.50	ND	
MTBE	0.077	0.50	ND	
tert-Butanol	2.9	5.0	ND	
DIPE	0.12	0.50	ND	
1,1-Dichloroethane	0.12	0.50	ND	
ETBE	0.064	0.50	ND	
cis-1,2-Dichloroethene	0.15	0.50	ND	
2,2-Dichloropropane	0.094	0.50	ND	
Bromochloromethane	0.15	0.50	ND	
Chloroform	0.12	0.50	ND	
Carbon Tetrachloride	0.16	0.50	ND	
1,1,1-Trichloroethane	0.16	0.50	ND	
1,1-Dichloropropene	0.19	0.50	ND	
Benzene	0.065	0.50	ND	
TAME	0.072	0.50	ND	
1,2-Dichloroethane	0.11	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
Dibromomethane	0.11	0.50	ND	
1,2-Dichloropropane	0.089	0.50	ND	
Bromodichloromethane	0.076	0.50	ND	
cis-1,3-Dichloropropene	0.078	0.50	ND	
Toluene	0.14	0.50	ND	
Tetrachloroethylene	0.24	0.50	ND	
trans-1,3-Dichloropropene	0.22	0.50	ND	
1,1,2-Trichloroethane	0.076	0.50	ND	
Dibromochloromethane	0.18	0.50	ND	
1,3-Dichloropropane	0.22	0.50	ND	
1,2-Dibromoethane	0.079	0.50	ND	
Chlorobenzene	0.16	0.50	ND	
Ethylbenzene	0.20	0.50	ND	
1,1,1,2-Tetrachloroethane	0.087	0.50	ND	
m,p-Xylene	0.39	1.0	ND	
o-Xylene	0.15	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103040	**Prep Method:**	5030VOC	**Prep Date:**	03/05/21	**Prep Batch:**	1129820
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/5/2021	**Analytical Batch:**	454753
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Styrene	0.11	0.50	ND		
Bromoform	0.076	0.50	ND		
Isopropyl Benzene	0.22	0.50	ND		
n-Propylbenzene	0.30	0.50	ND		
Bromobenzene	0.15	0.50	ND		
1,1,2,2-Tetrachloroethane	0.079	0.50	ND		
2-Chlorotoluene	0.25	0.50	ND		
1,3,5-Trimethylbenzene	0.24	0.50	ND		
1,2,3-Trichloropropane	0.15	0.50	ND		
4-Chlorotoluene	0.22	0.50	ND		
tert-Butylbenzene	0.26	0.50	ND		
1,2,4-Trimethylbenzene	0.23	0.50	ND		
sec-Butyl Benzene	0.30	0.50	ND		
p-Isopropyltoluene	0.27	0.50	ND		
1,3-Dichlorobenzene	0.17	0.50	ND		
1,4-Dichlorobenzene	0.18	0.50	ND		
n-Butylbenzene	0.27	0.50	ND		
1,2-Dichlorobenzene	0.16	0.50	ND		
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND		
Hexachlorobutadiene	0.62	2.0	ND		
1,2,4-Trichlorobenzene	0.93	2.0	ND		
Naphthalene	1.2	2.0	ND		
1,2,3-Trichlorobenzene	1.2	2.0	ND		
(S) Dibromofluoromethane			114		
(S) Toluene-d8			99.1		
(S) 4-Bromofluorobenzene			101		

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2103040	**Prep Method:**	5030VOC	**Prep Date:**	03/05/21	**Prep Batch:**	1129820
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/5/2021	**Analytical Batch:**	454753
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	107	105	2.12	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	109	111	2.03	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	95.2	95.0	0.000	69.3 - 144	30	
Toluene	0.14	0.50	0.21	17.9	107	109	2.08	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	100	102	1.11	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	116	114		61.2 - 131		
(S) Toluene-d8				17.9	108	106		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	115	118		64.1 - 120		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg/m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Trinity Source Group

Project Name: 1600 Capitola Rd, Santa Cruz, CA

Work Order No.: 2103040

Date and Time Received: 3/3/2021 5:05:00PM

Received By: HU

Physically Logged By: Katherene Evans

Checklist Completed By: Katherene Evans

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	6.0	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?	N/A			

pH Checked by: na

pH Adjusted by: na

Comments:

Login Summary Report

Client ID: TL5109 Trinity Source Group
Project Name: 1600 Capitola Rd, Santa Cruz, CA
Project # :
Report Due Date: 3/8/2021

QC Level: II
TAT Requested: 3 Day Std:3
Date Received: 3/3/2021
Time Received: 5:05 pm

Comments:

Work Order # : ***2103040***

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2103040-001A	GW-3	03/02/21 16:25	Water	04/16/21			VOC_W_8260B	

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.
483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 210340

Company Name: Trinity Source Group, Inc. ☑ Env. ☐ IH ☐ Food ☐ Special | Location of Sampling: 1600 Capitola Rd, Santa Cruz, CA

Address: 119 Encinal | Purpose: Site Assessment - Former Fairwway Dry Cleaners

City: Santa Cruz, CA | State: Santa Cruz, CA | Zip Code: 95060 | Special Instructions / Comments: Put project # in email Subject

Telephone: (831) 426-5600 | FAX: (831) 426-5602

REPORT TO: David Reinsma | SAMPLER: Anna M., Dana K. | P.O. #: 575.002.003 EMAIL: labstrinity@gmail.com

TURNAROUND TIME:
☐ 10 Work Days ☐ 4 Work Days ☐ 1 Work Day
☐ 7 Work Days ☑ 3 Work Days ☐ Noon - Nxt Day
☐ 5 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours

SAMPLE TYPE:
☐ Storm Water ☐ Air
☐ Waste Water ☐ Other
☑ Ground Water
☐ Soil

REPORT FORMAT:
☐ QC Level IV
☐ EDF
☑ Excel / EDD

ANALYSIS REQUESTED

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	VOCs by 8260B	REMARKS
		~~GW-1~~		~~GW~~	~~4~~	~~VOA~~		Analyze % moisture only for samples with detections
		~~GW-2~~	~~3/2/21 1625~~					
001A		GW-3	3/2/21 1625	GW	4	VOA	X	
		~~GW-4~~						
		~~GW-5~~						

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	Dana Kilsby	Dana Kilsby	3/3/21	1705		Helen	3/3/21	1705
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition? ☒ Yes ☐ NO | Samples on Ice? ☒ Yes ☐ NO | Method of Shipment: D/O | Sample seals intact? ☐ Yes ☐ NO ☒ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. | Temp 6 °C | Page 1 of 1

Log In By: _____ Date: _____ | Log In Reviewed By: _____ Date: _____ | Rev. 1

David Reinsma
Trinity Source Group
119 Encinal Street
Santa Cruz, California 95060
Tel: 831-426-5600;Cell 831-227 4724
Fax: 831-426-5602
Email: dar@tsgcorp.net

RE: 1600 Capitola Rd, Santa Cruz, CA

Work Order No.: 2103075

Dear David Reinsma:

Torrent Laboratory, Inc. received 4 sample(s) on March 08, 2021 for the analyses presented in the following Report.

All data for associated QC met EPA or laboratory specification(s) except where noted in the case narrative.

Torrent Laboratory, Inc. is certified by the State of California, ELAP #1991. If you have any questions regarding these test results, please feel free to contact the Project Management Team at (408)263-5258; ext 204.

Kathie Evans
Project Manager

March 11, 2021
Date

Torrent LABORATORY, INC.

Date: 3/11/2021

Client: Trinity Source Group

Project: 1600 Capitola Rd, Santa Cruz, CA

Work Order: 2103075

CASE NARRATIVE

Unless otherwise indicated in the following narrative, no issues encountered with the receiving, preparation, analysis or reporting of the results associated with this work order.

Unless otherwise indicated in the following narrative, no results have been method and/or field blank corrected.

Reported results relate only to the items/samples tested by the laboratory.

This report shall not be reproduced, except in full, without the written approval of Torrent Laboratory, Inc.

Torrent LABORATORY, INC.

Sample Result Summary

Report prepared for: David Reinsma
Trinity Source Group

Date Received: 03/08/21
Date Reported: 03/11/21

GW-1 2103075-001

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Tetrachloroethylene	SW8260B	1	0.24	0.50	73	ug/L

GW-2 2103075-002

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Tetrachloroethylene	SW8260B	1	0.24	0.50	110	ug/L

GW-4 2103075-003

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Tetrachloroethylene	SW8260B	1	0.24	0.50	37	ug/L

GW-5 2103075-004

Parameters:	Analysis Method	DF	MDL	PQL	Results	Unit
Tetrachloroethylene	SW8260B	1	0.24	0.50	32	ug/L

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21,
Date Reported: 03/11/21

Client Sample ID:	GW-1	**Lab Sample ID:**	2103075-001A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	03/05/21 / 16:45		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/10/21 11:50:00AM
Prep Batch ID:	1129897	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	03/10/21	18:15	JZ	454821
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/10/21	18:15	JZ	454821
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Tetrachloroethylene	SW8260B	1	0.24	0.50	**73**		ug/L	03/10/21	18:15	JZ	454821
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	18:15	JZ	454821

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21,
Date Reported: 03/11/21

Client Sample ID:	GW-1	**Lab Sample ID:**	2103075-001A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	03/05/21 / 16:45		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/10/21 11:50:00AM
Prep Batch ID:	1129897	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/10/21	18:15	JZ	454821
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	18:15	JZ	454821
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/10/21	18:15	JZ	454821
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/10/21	18:15	JZ	454821
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/10/21	18:15	JZ	454821
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/10/21	18:15	JZ	454821
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/10/21	18:15	JZ	454821
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**106**		%	03/10/21	18:15	JZ	454821
(S) Toluene-d8	SW8260B		75.1 - 127		**95.6**		%	03/10/21	18:15	JZ	454821
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**93.2**		%	03/10/21	18:15	JZ	454821

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21,
Date Reported: 03/11/21

Client Sample ID:	GW-2	**Lab Sample ID:**	2103075-002A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	03/05/21 / 9:50		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/10/21 11:50:00AM
Prep Batch ID:	1129897	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	03/10/21	18:45	JZ	454821
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/10/21	18:45	JZ	454821
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Tetrachloroethylene	SW8260B	1	0.24	0.50	**110**		ug/L	03/10/21	18:45	JZ	454821
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	18:45	JZ	454821

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21,
Date Reported: 03/11/21

Client Sample ID:	GW-2	**Lab Sample ID:**	2103075-002A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	03/05/21 / 9:50		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/10/21 11:50:00AM
Prep Batch ID:	1129897	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/10/21	18:45	JZ	454821
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	18:45	JZ	454821
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/10/21	18:45	JZ	454821
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/10/21	18:45	JZ	454821
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/10/21	18:45	JZ	454821
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/10/21	18:45	JZ	454821
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/10/21	18:45	JZ	454821
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**104**		%	03/10/21	18:45	JZ	454821
(S) Toluene-d8	SW8260B		75.1 - 127		**91.8**		%	03/10/21	18:45	JZ	454821
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**96.6**		%	03/10/21	18:45	JZ	454821

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21,
Date Reported: 03/11/21

Client Sample ID:	GW-4	**Lab Sample ID:**	2103075-003A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	03/05/21 / 15:30		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/10/21 11:50:00AM
Prep Batch ID:	1129897	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	03/10/21	17:16	JZ	454821
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/10/21	17:16	JZ	454821
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Tetrachloroethylene	SW8260B	1	0.24	0.50	**37**		ug/L	03/10/21	17:16	JZ	454821
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	17:16	JZ	454821

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21,
Date Reported: 03/11/21

Client Sample ID:	GW-4	**Lab Sample ID:**	2103075-003A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	03/05/21 / 15:30		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/10/21 11:50:00AM
Prep Batch ID:	1129897	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/10/21	17:16	JZ	454821
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	17:16	JZ	454821
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/10/21	17:16	JZ	454821
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/10/21	17:16	JZ	454821
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/10/21	17:16	JZ	454821
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/10/21	17:16	JZ	454821
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/10/21	17:16	JZ	454821
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**102**		%	03/10/21	17:16	JZ	454821
(S) Toluene-d8	SW8260B		75.1 - 127		**98.5**		%	03/10/21	17:16	JZ	454821
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**99.7**		%	03/10/21	17:16	JZ	454821

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21,
Date Reported: 03/11/21

Client Sample ID:	GW-5	**Lab Sample ID:**	2103075-004A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	03/05/21 / 12:45		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/10/21 11:50:00AM
Prep Batch ID:	1129897	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	0.26	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Chloromethane	SW8260B	1	0.17	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Vinyl Chloride	SW8260B	1	0.21	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Bromomethane	SW8260B	1	0.21	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Chloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Trichlorofluoromethane	SW8260B	1	0.19	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,1-Dichloroethene	SW8260B	1	0.14	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Freon 113	SW8260B	1	0.34	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Methylene Chloride	SW8260B	1	0.13	1.0	ND		ug/L	03/10/21	17:46	JZ	454821
trans-1,2-Dichloroethene	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
MTBE	SW8260B	1	0.077	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
tert-Butanol	SW8260B	1	2.9	5.0	ND		ug/L	03/10/21	17:46	JZ	454821
DIPE	SW8260B	1	0.12	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,1-Dichloroethane	SW8260B	1	0.12	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
ETBE	SW8260B	1	0.064	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
cis-1,2-Dichloroethene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
2,2-Dichloropropane	SW8260B	1	0.094	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Bromochloromethane	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Chloroform	SW8260B	1	0.12	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Carbon Tetrachloride	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,1,1-Trichloroethane	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,1-Dichloropropene	SW8260B	1	0.19	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Benzene	SW8260B	1	0.065	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
TAME	SW8260B	1	0.072	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,2-Dichloroethane	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Trichloroethylene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Dibromomethane	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,2-Dichloropropane	SW8260B	1	0.089	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Bromodichloromethane	SW8260B	1	0.076	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
cis-1,3-Dichloropropene	SW8260B	1	0.078	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Toluene	SW8260B	1	0.14	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Tetrachloroethylene	SW8260B	1	0.24	0.50	**32**		ug/L	03/10/21	17:46	JZ	454821
trans-1,3-Dichloropropene	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,1,2-Trichloroethane	SW8260B	1	0.076	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Dibromochloromethane	SW8260B	1	0.18	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,3-Dichloropropane	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	17:46	JZ	454821

Torrent LABORATORY, INC.

SAMPLE RESULTS

Report prepared for: David Reinsma
Trinity Source Group

Date/Time Received: 03/08/21,
Date Reported: 03/11/21

Client Sample ID:	GW-5	**Lab Sample ID:**	2103075-004A
Project Name/Location:	1600 Capitola Rd, Santa Cruz, CA	**Sample Matrix:**	Groundwater
Project Number:			
Date/Time Sampled:	03/05/21 / 12:45		
SDG:			

Prep Method:	5030VOC	**Prep Batch Date/Time:**	3/10/21 11:50:00AM
Prep Batch ID:	1129897	**Prep Analyst:**	JZHAO

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,2-Dibromoethane	SW8260B	1	0.079	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Chlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Ethylbenzene	SW8260B	1	0.20	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,1,1,2-Tetrachloroethane	SW8260B	1	0.087	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
m,p-Xylene	SW8260B	1	0.39	1.0	ND		ug/L	03/10/21	17:46	JZ	454821
o-Xylene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Styrene	SW8260B	1	0.11	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Bromoform	SW8260B	1	0.076	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Isopropyl Benzene	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
n-Propylbenzene	SW8260B	1	0.30	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
Bromobenzene	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,1,2,2-Tetrachloroethane	SW8260B	1	0.079	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
2-Chlorotoluene	SW8260B	1	0.25	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,3,5-Trimethylbenzene	SW8260B	1	0.24	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,2,3-Trichloropropane	SW8260B	1	0.15	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
4-Chlorotoluene	SW8260B	1	0.22	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
tert-Butylbenzene	SW8260B	1	0.26	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,2,4-Trimethylbenzene	SW8260B	1	0.23	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
sec-Butyl Benzene	SW8260B	1	0.30	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
p-Isopropyltoluene	SW8260B	1	0.27	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,3-Dichlorobenzene	SW8260B	1	0.17	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,4-Dichlorobenzene	SW8260B	1	0.18	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
n-Butylbenzene	SW8260B	1	0.27	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,2-Dichlorobenzene	SW8260B	1	0.16	0.50	ND		ug/L	03/10/21	17:46	JZ	454821
1,2-Dibromo-3-Chloropropane	SW8260B	1	0.76	2.0	ND		ug/L	03/10/21	17:46	JZ	454821
Hexachlorobutadiene	SW8260B	1	0.62	2.0	ND		ug/L	03/10/21	17:46	JZ	454821
1,2,4-Trichlorobenzene	SW8260B	1	0.93	2.0	ND		ug/L	03/10/21	17:46	JZ	454821
Naphthalene	SW8260B	1	1.2	2.0	ND		ug/L	03/10/21	17:46	JZ	454821
1,2,3-Trichlorobenzene	SW8260B	1	1.2	2.0	ND		ug/L	03/10/21	17:46	JZ	454821
(S) Dibromofluoromethane	SW8260B		61.2 - 131		**103**		%	03/10/21	17:46	JZ	454821
(S) Toluene-d8	SW8260B		75.1 - 127		**101**		%	03/10/21	17:46	JZ	454821
(S) 4-Bromofluorobenzene	SW8260B		64.1 - 120		**101**		%	03/10/21	17:46	JZ	454821

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103075	**Prep Method:**	5030VOC	**Prep Date:**	03/10/21	**Prep Batch:**	1129897
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/10/2021	**Analytical Batch:**	454821
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	0.26	0.50	ND	
Chloromethane	0.17	0.50	ND	
Vinyl Chloride	0.21	0.50	ND	
Bromomethane	0.21	0.50	ND	
Chloroethane	0.11	0.50	ND	
Trichlorofluoromethane	0.19	0.50	ND	
1,1-Dichloroethene	0.14	0.50	ND	
Freon 113	0.34	0.50	ND	
Methylene Chloride	0.13	1.0	0.14	
trans-1,2-Dichloroethene	0.16	0.50	ND	
MTBE	0.077	0.50	ND	
tert-Butanol	2.9	5.0	ND	
DIPE	0.12	0.50	ND	
1,1-Dichloroethane	0.12	0.50	ND	
ETBE	0.064	0.50	ND	
cis-1,2-Dichloroethene	0.15	0.50	ND	
2,2-Dichloropropane	0.094	0.50	ND	
Bromochloromethane	0.15	0.50	ND	
Chloroform	0.12	0.50	ND	
Carbon Tetrachloride	0.16	0.50	ND	
1,1,1-Trichloroethane	0.16	0.50	ND	
1,1-Dichloropropene	0.19	0.50	ND	
Benzene	0.065	0.50	ND	
TAME	0.072	0.50	ND	
1,2-Dichloroethane	0.11	0.50	ND	
Trichloroethylene	0.15	0.50	ND	
Dibromomethane	0.11	0.50	ND	
1,2-Dichloropropane	0.089	0.50	ND	
Bromodichloromethane	0.076	0.50	ND	
cis-1,3-Dichloropropene	0.078	0.50	ND	
Toluene	0.14	0.50	ND	
Tetrachloroethylene	0.24	0.50	ND	
trans-1,3-Dichloropropene	0.22	0.50	ND	
1,1,2-Trichloroethane	0.076	0.50	ND	
Dibromochloromethane	0.18	0.50	ND	
1,3-Dichloropropane	0.22	0.50	ND	
1,2-Dibromoethane	0.079	0.50	ND	
Chlorobenzene	0.16	0.50	ND	
Ethylbenzene	0.20	0.50	ND	
1,1,1,2-Tetrachloroethane	0.087	0.50	ND	
m,p-Xylene	0.39	1.0	ND	
o-Xylene	0.15	0.50	ND	

Torrent LABORATORY, INC.

MB Summary Report

Work Order:	2103075	**Prep Method:**	5030VOC	**Prep Date:**	03/10/21	**Prep Batch:**	1129897
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/10/2021	**Analytical Batch:**	454821
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Styrene	0.11	0.50	ND	
Bromoform	0.076	0.50	ND	
Isopropyl Benzene	0.22	0.50	ND	
n-Propylbenzene	0.30	0.50	ND	
Bromobenzene	0.15	0.50	ND	
1,1,2,2-Tetrachloroethane	0.079	0.50	ND	
2-Chlorotoluene	0.25	0.50	ND	
1,3,5-Trimethylbenzene	0.24	0.50	ND	
1,2,3-Trichloropropane	0.15	0.50	ND	
4-Chlorotoluene	0.22	0.50	ND	
tert-Butylbenzene	0.26	0.50	ND	
1,2,4-Trimethylbenzene	0.23	0.50	ND	
sec-Butyl Benzene	0.30	0.50	ND	
p-Isopropyltoluene	0.27	0.50	ND	
1,3-Dichlorobenzene	0.17	0.50	ND	
1,4-Dichlorobenzene	0.18	0.50	ND	
n-Butylbenzene	0.27	0.50	ND	
1,2-Dichlorobenzene	0.16	0.50	ND	
1,2-Dibromo-3-Chloropropane	0.76	2.0	ND	
Hexachlorobutadiene	0.62	2.0	ND	
1,2,4-Trichlorobenzene	0.93	2.0	ND	
Naphthalene	1.2	2.0	ND	
1,2,3-Trichlorobenzene	1.2	2.0	ND	
(S) Dibromofluoromethane			103	
(S) Toluene-d8			97.5	
(S) 4-Bromofluorobenzene			95.1	

Torrent LABORATORY, INC.

LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2103075	**Prep Method:**	5030VOC	**Prep Date:**	03/10/21	**Prep Batch:**	1129897
Matrix:	Water	**Analytical Method:**	SW8260B	**Analyzed Date:**	3/10/2021	**Analytical Batch:**	454821
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	0.14	0.50	ND	17.9	92.1	97.2	5.92	61.4 - 129	30	
Benzene	0.16	0.50	ND	17.9	96.6	109	12.0	66.9 - 140	30	
Trichloroethylene	0.15	0.50	ND	17.9	94.1	109	14.4	69.3 - 144	30	
Toluene	0.14	0.50	ND	17.9	95.4	115	18.7	76.6 - 123	30	
Chlorobenzene	0.16	0.50	ND	17.9	93.8	113	17.9	73.9 - 137	30	
(S) Dibromofluoromethane				17.9	99.3	108		61.2 - 131		
(S) Toluene-d8				17.9	90.1	111		75.1 - 127		
(S) 4-Bromofluorobenzene				17.9	87.3	106		64.1 - 120		

Laboratory Qualifiers and Definitions

DEFINITIONS:

Accuracy/Bias (% Recovery) - The closeness of agreement between an observed value and an accepted reference value.
Blank (Method/Preparation Blank) -MB/PB - An analyte-free matrix to which all reagents are added in the same volumes/proportions as used in sample processing. The method blank is used to document contamination resulting from the analytical process.
Duplicate - a field sample and/or laboratory QC sample prepared in duplicate following all of the same processes and procedures used on the original sample (sample duplicate, LCSD, MSD)
Laboratory Control Sample (LCS ad LCSD) - A known matrix spiked with compounds representative of the target analyte(s). This is used to document laboratory performance.
Matrix - the component or substrate that contains the analyte of interest (e.g., - groundwater, sediment, soil, waste water, etc)
Matrix Spike (MS/MSD) - Client sample spiked with identical concentrations of target analyte (s). The spiking occurs prior to the sample preparation and analysis. They are used to document the precision and bias of a method in a given sample matrix.
Method Detection Limit (MDL) - the minimum concentration of a substance that can be measured and reported with a 99% confidence that the analyte concentration is greater than zero
Practical Quantitation Limit/Reporting Limit/Limit of Quantitation (PQL/RL/LOQ) - a laboratory determined value at 2 to 5 times above the MDL that can be reproduced in a manner that results in a 99% confidence level that the result is both accurate and precise. PQLs/RLs/LODs reflect all preparation factors and/or dilution factors that have been applied to the sample during the preparation and/or analytical processes.
Precision (%RPD) - The agreement among a set of replicate/duplicate measurements without regard to known value of the replicates
Surrogate (S) or (Surr) - An organic compound which is similar to the target analyte(s) in chemical composition and behavior in the analytical process, but which is not normally found in environmental samples. Surrogates are used in most organic analysis to demonstrate matrix compatibility with the chosen method of analysis
Tentatively Identified Compound (TIC) - A compound not contained within the analytical calibration standards but present in the GCMS library of defined compounds. When the library is searched for an unknown compound, it can frequently give a tentative identification to the compound based on retention time and primary and secondary ion match. TICs are reported as estimates and are candidates for further investigation.
Units: the unit of measure used to express the reported result - **mg/L** and ***mg/Kg*** (equivalent to PPM - parts per million in **liquid** and ***solid***), **ug/L** and ***ug/Kg*** (equivalent to PPB - parts per billion in **liquid** and ***solid***), **ug/m3**, ***mg/m3***, **ppbv** and ***ppmv*** (all units of measure for reporting concentrations in air), **%** (equivalent to 10000 ppm or 1,000,000 ppb), **ug/Wipe** (concentration found on the surface of a single Wipe usually taken over a 100cm2 surface)

LABORATORY QUALIFIERS:

B - Indicates when the analyte is found in the associated method or preparation blank
D - Surrogate is not recoverable due to the necessary dilution of the sample
E - Indicates the reportable value is outside of the calibration range of the instrument but within the linear range of the instrument (unless otherwise noted) Values reported with an E qualifier should be considered as estimated.
H- Indicates that the recommended holding time for the analyte or compound has been exceeded
J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative
NA - Not Analyzed
N/A - Not Applicable
ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.
NR - Not recoverable - a matrix spike concentration is not recoverable due to a concentration within the original sample that is greater than four times the spike concentration added
R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts
S- Spike recovery is outside of established method and/or laboratory control limits. Further explanation of the use of this qualifier should be included within a case narrative
X -Used to indicate that a value based on pattern identification is within the pattern range but not typical of the pattern found in standards. Further explanation may or may not be provided within the sample footnote and/or the case narrative.

Sample Receipt Checklist

Client Name: Trinity Source Group

Project Name: 1600 Capitola Rd, Santa Cruz, CA

Work Order No.: 2103075

Date and Time Received: 3/8/2021

Received By: Helena Ueng

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: Client Drop Off

Chain of Custody (COC) Information

Chain of custody present?	Yes
Chain of custody signed when relinquished and received?	Yes
Chain of custody agrees with sample labels?	Yes
Custody seals intact on sample bottles?	Not Present

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Not Present
Shipping Container/Cooler In Good Condition?	Yes
Samples in proper container/bottle?	Yes
Samples containers intact?	Yes
Sufficient sample volume for indicated test?	Yes

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes			
Container/Temp Blank temperature in compliance?	Yes	Temperature:	5.0	°C
Water-VOA vials have zero headspace?	Yes			
Water-pH acceptable upon receipt?	N/A			

pH Checked by: N/A

pH Adjusted by: N/A

Comments:

Login Summary Report

Client ID: TL5109 Trinity Source Group
Project Name: 1600 Capitola Rd, Santa Cruz, CA
Project # :
Report Due Date: 3/11/2021
Comments:
Work Order # : ***2103075***

QC Level: II
TAT Requested: 3 Day Std:3
Date Received: 3/8/2021
Time Received:

WO Sample ID	Client Sample ID	Collection Date/Time	Matrix	Scheduled Disposal	Sample On Hold	Test On Hold	Requested Tests	Subbed
2103075-001A	GW-1	03/05/21 16:45	Water	04/19/21			VOC_W_8260B	
2103075-002A	GW-2	03/05/21 9:50	Water	04/19/21			VOC_W_8260B	
2103075-003A	GW-4	03/05/21 15:30	Water	04/19/21			VOC_W_8260B	
2103075-004A	GW-5	03/05/21 12:45	Water	04/19/21			VOC_W_8260B	

Torrent LABORATORY, INC.

Torrent LABORATORY, INC.
483 Sinclair Frontage Road
Milpitas, CA 95035
Phone: 408.263.5258
FAX: 408.263.8293
www.torrentlab.com

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO: 2103 ~~074~~ 075 3/8/21

Company Name: **Trinity Source Group, Inc.** ☑ Env. ☐ IH ☐ Food ☐ Special | Location of Sampling: **1600 Capitola Rd, Santa Cruz, CA**

Address: **119 Encinal** | Purpose: **Site Assessment - Former Fairwway Dry Cleaners**

City: **Santa Cruz, CA** | State: **Santa Cruz, CA** | Zip Code: **95060** | Special Instructions / Comments:

Telephone: **(831) 426-5600** | FAX: **(831) 426-5602**

REPORT TO: **David Reinsma** | SAMPLER: Dana K, Anna M | P.O. #: **575.002.003** EMAIL: **labstrinity@gmail.com**

TURNAROUND TIME: ☐ 10 Work Days ☐ 4 Work Days ☐ 1 Work Day ☐ 7 Work Days ☑ 3 Work Days ☐ Noon - Nxt Day ☐ 5 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours

SAMPLE TYPE: ☐ Storm Water ☐ Air ☐ Waste Water ☐ Other ☑ Ground Water ☐ Soil

REPORT FORMAT: ☐ QC Level IV ☐ EDF ☑ Excel / EDD

ANALYSIS REQUESTED

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	full scan VOCs by 8260B	REMARKS
-001A		GW-1	3/5/21 16:45	GW	4	VOA	✓	Analyze % moisture only for samples with detections
-002A		GW-2	3/5/21 09:50	↓	↓	↓	X	
-003A		GW-4	3/5/21 15:30	↓	↓	↓	X	
-004A		GW-5	3/5/21 12:45	↓	↓	↓	X	

	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:
1	Dana Kilsby	Dana Kilsby	3/8/21	1630	[signature]	[signature]	3/8/21	1630
2								

Were Samples Received in Good Condition? ☒ Yes ☐ NO Samples on Ice? ☒ Yes ☐ NO Method of Shipment D/O Sample seals intact? ☐ Yes ☐ NO ☒ N/A

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Temp 5 °C #2 Page ____ of ____

Log In By: ____ Date: ____ Log In Reviewed By: ____ Date: ____ Rev. 1

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SUCCESS

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Your file has been successfully submitted!

Submittal Type:	**EDF**
Report Title:	**Preliminary Phase II Environmental Site Assessment**
Report Type:	**Preliminary Site Assessment Report**
Facility Global ID:	**T10000015553**
Facility Name:	**Capitola Road Area - Fairway Dry Cleaning and Laundry**
File Name:	**2103020 TSG Fairway Dry Cleaners EDF.zip**
Organization Name:	**Trinity Source Group, Inc.**
Username:	**TRINITY SOURCE GROUP**
IP Address:	**108.208.234.16**
Submittal Date/Time:	**4/27/2021 2:35:39 PM**
Confirmation Number:	**9664676129**

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Submittal Type:	**EDF**
Report Title:	**Preliminary Phase II Environmental Site Assessment**
Report Type:	**Preliminary Site Assessment Report**
Facility Global ID:	**T10000015553**
Facility Name:	**Capitola Road Area - Fairway Dry Cleaning and Laundry**
File Name:	**2103040 TSG Fairway Dry Cleaners EDF.zip**
Organization Name:	**Trinity Source Group, Inc.**
Username:	**TRINITY SOURCE GROUP**
IP Address:	**108.208.234.16**
Submittal Date/Time:	**4/27/2021 2:37:17 PM**
Confirmation Number:	**4971454083**

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Report Title:	**Preliminary Phase II Environmental Site Assessment**
Report Type:	**Preliminary Site Assessment Report**
Facility Global ID:	**T10000015553**
Facility Name:	**Capitola Road Area - Fairway Dry Cleaning and Laundry**
File Name:	**2103041 TSG Fairway Cleaners EDF.zip**
Organization Name:	**Trinity Source Group, Inc.**
Username:	**TRINITY SOURCE GROUP**
IP Address:	**108.208.234.16**
Submittal Date/Time:	**4/27/2021 2:38:15 PM**
Confirmation Number:	**4467171430**

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Report Title:	**Preliminary Phase II Environmental Site Assessment**
Report Type:	**Preliminary Site Assessment Report**
Facility Global ID:	**T10000015553**
Facility Name:	**Capitola Road Area - Fairway Dry Cleaning and Laundry**
File Name:	**2103042 TSG Fairway Dry Cleaners EDF.zip**
Organization Name:	**Trinity Source Group, Inc.**
Username:	**TRINITY SOURCE GROUP**
IP Address:	**108.208.234.16**
Submittal Date/Time:	**4/27/2021 2:38:52 PM**
Confirmation Number:	**2447894513**

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Submittal Type:	**EDF**
Report Title:	**Preliminary Phase II Environmental Site Assessment**
Report Type:	**Preliminary Site Assessment Report**
Facility Global ID:	**T10000015553**
Facility Name:	**Capitola Road Area - Fairway Dry Cleaning and Laundry**
File Name:	**2103073 TSG Fairway Dry Cleaners EDF.zip**
Organization Name:	**Trinity Source Group, Inc.**
Username:	**TRINITY SOURCE GROUP**
IP Address:	**108.208.234.16**
Submittal Date/Time:	**4/27/2021 2:39:35 PM**
Confirmation Number:	**9176440596**

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Submittal Type:	**EDF**
Report Title:	**Preliminary Phase II Environmental Site Assessment**
Report Type:	**Preliminary Site Assessment Report**
Facility Global ID:	**T10000015553**
Facility Name:	**Capitola Road Area - Fairway Dry Cleaning and Laundry**
File Name:	**2103075 TSG Fairway Dry Cleaners EDF.zip**
Organization Name:	**Trinity Source Group, Inc.**
Username:	**TRINITY SOURCE GROUP**
IP Address:	**108.208.234.16**
Submittal Date/Time:	**4/27/2021 2:40:23 PM**
Confirmation Number:	**7862094342**

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Appendix G: Waste Disposal Documentation

Please print or type.
(Form designed for use on elite (12-pitch) typewriter.)

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	N O T A P P L I C A B L	1	415-533-0112	04152021_002

5. Generator's Name and Mailing Address
17th & Capitola, LP
1818 Harper St.
Santa Cruz CA 95062
Att: Sally & Frank Chang
Generator's Phone: 831 419-4489

Generator's Site Address (if different than mailing address)
Former Fairway Dry Cleaning & Laundry
1600 Capitol Rd.
Santa Cruz CA 95062

6. Transporter 1 Company Name: NAMAN TRUCKING — U.S. EPA ID Number: N/A

7. Transporter 2 Company Name: NAMAN TRUCKING — U.S. EPA ID Number: N/A

8. Designated Facility Name and Site Address
US Ecology Nevada
Hwy 95, 11 Miles South of Beatty
Beatty NV 89003
Facility's Phone: 775 555-2203
U.S. EPA ID Number: NVT330010000

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1	Non-Hazardous, Non DOT Regulated, Waste, Solid (Soil)	01	DM	500	P	
2	Non-Hazardous, Non DOT Regulated, Waste, Liquid (Water)	01	DM	10	G	
3						
4						

13. Special Handling Instructions and Additional Information
9.1. - Soil - Profile # 070128043-16468 1 x 55
9.2. - Water - Profile # 070137747-16892 1 x 55

14. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.
Generator's/Offeror's Printed/Typed Name: ADAM BURTON OF CONTERA OBO GENERATOR — Signature — Month 4 Day 15 Year 21

INT'L
15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER
16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: [illegible] OF NBA — Signature — Month 4 Day 15 Year 21
Transporter 2 Printed/Typed Name: AVTAR BASRA — Signature — Month 4 Day 18 Year 21

DESIGNATED FACILITY
17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
17b. Alternate Facility (or Generator) — U.S. EPA ID Number
Facility's Phone:
17c. Signature of Alternate Facility (or Generator) — Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Kenny Hamhgdan — Signature — Month 4 Day 19 Year 21

Printed in USA by GC Labels
1-800-997-6966

DESIGNATED FACILITY TO GENERATOR

Reorder Part# MANIFEST-C6NHW
913-897-6966

Trinity Source Group, Inc.
119 Encinal Street /// Santa Cruz, California
Phone: 831.426.5600
Fax: 831.426.5602