
Appendix E – Contamination and Toxic Substances

- **Femal, Kristina.** *Letter to Heather Klein, City of Oakland in RE: Environmental Summary and Next Steps, 2700 International Boulevard, Oakland, California 94601, Equitable Community Revitalization Grant (ECRG-2021-00824).* s.l. : State of California, Department of Toxic Substances Control, October 3, 2024.
- **Ninyo & Moore.** *Revised Supplemental Site Investigation Report, 2700 International Boulevard, Oakland, California.* Alameda, CA : s.n., September 7, 2023. Project No. 404102003.
- **Ninyo & Moore.** *Updated Figure 3, Select Soil & Vapor Data Map, The Unity Council, 2700 International Boulevard, Oakland, CA .* September 2023.
- **Femal, Kristina.** *Letter to Aubra Levine, The Unity Council, in re: Approval of Revised Supplemental Site Investigation Report, 2700 International Boulevard, Oakland, CA 94601 (Site Code: 202384).* Berkeley, CA : State of California, Department of Toxic Substances Control, May 7, 2024.
- **Ninyo & Moore.** *Phase I Environmental Site Assessment Report, 2700-2720 International Boulevard and 1409 and 1415 Mitchell Street, Oakland, California.* August 28, 2019. Project No. 403095011.
- **Ninyo & Moore.** *Phase II Environmental Site Assessment 2700-2720 International Boulevard and 1409 and 1415 Mitchell Street Oakland, California.* July 22, 2020. Project No. 40309501.
- **State of California, Department of Toxic Substances Control.** EnviroStor. [Online] [Cited: March 13, 2024.] https://www.envirostor.dtsc.ca.gov/public/profile_report?global_id=60003187.
- **Environmental Data Resources.** *The EDR Radius Map Report 2700 International Blvd., Oakland, CA 94601.* March 20, 2024. Inquiry Number: 7601365.2s.
- **U.S. Department of Housing and Urban Development.** *Acceptable Separation Distance (ASD) Electronic Assessment Tool.* s.l. : Bay Desert, Inc., March 20, 2024.



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Gavin Newsom
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October 3, 2024

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**RE: Environmental Summary and Next Steps, 2700 International Boulevard,
Oakland, California 94601, Equitable Community Revitalization Grant
(ECRG-2021-00824)**

Dear Heather Klein,

The Department of Toxic Substances Control (DTSC) is the environmental oversight agency overseeing the proposed project located at 2700 International, Oakland (Site). This Site was awarded funding through DTSC's Equitable Community Revitalization Grant (ECRG) under ECRG Agreement, Grant No. ECRG-2021-00824, executed on June 12, 2022 between DTSC and The Unity Council. The ECRG allocated funding of approximately \$273,710, which expires on December 11, 2024.

This letter serves as a brief summary outlining the existing conditions, existing contaminants, the proposed mitigation measures to address environmental contaminants, as well as next steps for DTSC's review.

Existing Site Conditions:

The Site is approximately 0.61 acres and is currently occupied by two existing commercial buildings that will be demolished. The first building, 2700 International, is a three-story commercial office located at the corner of International and 27th Avenue. The second building, 2712 International, is two stories with occupied commercial space in the front and a vacated residential unit to the rear. The remainder of the Site includes driveways, minimal ornamental landscaping, and approximately 45 at-grade parking spaces.

Project Description:

The Site is slated for a 100 percent affordable housing project located on International Boulevard between 27th Avenue and Mitchell Street. The proposed project will include 75 units serving households making 30 percent – 60 percent of the area median income, including 52 units for families, 22 units for formerly unhoused veterans, and one manager's unit. The proposed project is one, six-story building, with five stories of residential units over a first-floor podium. The ground floor includes:

- On-site property management
- Resident services staff offices
- Parking garage with 33 vehicular parking spaces and 50 bicycle parking spaces
- 4,202 square feet of Below-Market-Rate commercial space

Other project amenities include a large community room and kitchen, laundry room, and courtyard with a children's play area, covered seating area, and a community garden.

Proposed Environmental Cleanup Plan:

Environmental cleanup is necessary because of the presence of arsenic and lead in soil as well as tetrachloroethene in soil vapor that exceed regulatory limits and requires mitigation measures. DTSC will oversee the following remediation and mitigation measures and ensure they are conducted in a manner that protects public health and the environment:

1. Preparation of a Remedial Action Work Plan (RAW), in accordance with California Health and Safety Code 25323.1
2. Soil remediation through surface capping, excavation, and off-site disposal
3. Soil vapor mitigation, if needed, through a vapor intrusion mitigation system (VIMS)

Next Steps:

DTSC will review the draft RAW and provide comments or revisions to the document. Once the RAW has been revised and approved, the DTSC Project Manager and DTSC CEQA Unit will prepare the appropriate CEQA compliance document. This will ensure that the state's CEQA requirements have been satisfied for the proposed cleanup activities.

Once the RAW is ready and CEQA analysis completed, DTSC will advertise and release the documents for a 30-day public comment period. At the end of the public comment period, DTSC will evaluate comments received and the RAW will be updated (if applicable). Finally, DTSC will issue a RAW approval letter allowing the start of the cleanup in compliance with the document.

2700 International
ECRG-2021-00824
City of Oakland Letter

If you have any questions regarding this letter, please contact me at (510) 540-3725 or via email at kristina.femal@dtsc.ca.gov, or Peggy Nguyen at (510) 540-3818 or via email at peggy.nguyen@dtsc.ca.gov.

Sincerely,

Kristina Femal

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Revised Supplemental Site Investigation Report 2700 International Boulevard Oakland, California

The Unity Council
1900 Fruitvale Avenue, Suite 2A | Oakland, California 94601

September 7, 2023 | Project No. 404102003



Geotechnical | Environmental | Construction Inspection & Testing | Forensic Engineering & Expert Witness

Geophysics | Engineering Geology | Laboratory Testing | Industrial Hygiene | Occupational Safety | Air Quality | GIS

Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

Revised Supplemental Site Investigation Report 2700 International Boulevard Oakland, California

The Unity Council

1900 Fruitvale Avenue, Suite 2A | Oakland, California 94601

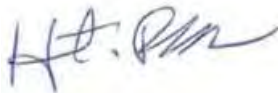
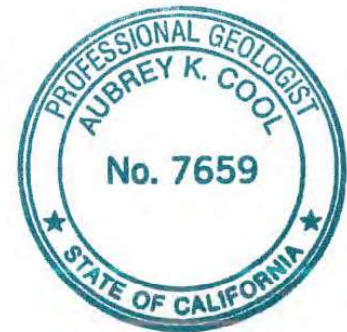
September 7, 2023 | Project No. 404102003



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1 INTRODUCTION

On behalf of The Unity Council (TUC), Ninyo & Moore has prepared this Revised Supplemental Site Investigation Report (SSI Report) for the property located at 2700 International Boulevard in Oakland, California (Site). To facilitate planned Site redevelopment, TUC entered into a Standard Voluntary Agreement with the California Department of Toxic Substances Control (DTSC), and a DTSC Voluntary Cleanup Program case was opened. The DTSC subsequently awarded TUC an Equitable Community Revitalization Grant (ECRG) for Site assessment.

This SSI Report summarizes the SSI field sampling activities performed and presents the analytical results and a human health risk assessment (HHRA). The SSI activities were performed in accordance with the proposed work presented in Ninyo & Moore's Revised Supplemental Site Investigation Work Plan (Ninyo & Moore, 2022), which was approved by the DTSC in their letter dated August 30, 2022. The revisions address DTSC's comments in their June 29, 2023 letter and enclosed memoranda.

2 SITE BACKGROUND

This section describes the property and its surroundings, historical Site uses, plans for redevelopment and previous investigations that have been conducted.

2.1 Site Description

The Site is a rectangular 0.64-acre property, located on the northern side of International Boulevard, between 27th Avenue and Mitchell Street, in a mixed residential and commercial area in Oakland (Figure 1). It is comprised of five contiguous parcels, with Alameda County Assessor's Parcel Numbers 25-712-14, 25-712-15, 25-712-16, 25-712-17, and 25-712-19-2, and the following addresses: 2700 International Boulevard, 2712-2716 International Boulevard, 2720 International Boulevard, 1409 Mitchell Street, and 1415 Mitchell Street. It is currently developed with a medical/commercial office building; a two-story mixed use building, with commercial space on the ground floor and residential above; and parking lots.

2.2 Physical Setting

Based on a review of the United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Map Series of the Oakland West 2012 Quadrangle, the Site is situated at an elevation of approximately 46 feet above mean sea level. The topography of the Site generally slopes towards the southwest.

The 1991 State of California Division of Mines and Geology, Geologic Map of the San Francisco-San Jose Quadrangle (Wagner et al, 1991), shows the Site to be underlain by Quaternary alluvium deposits. Observed subsurface soil types consisted of sands, gravels, clays and silts and included some concrete debris, glass shards, rock chunks and brick fragments to the total explored depth of 7 feet below ground surface (bgs).

Groundwater information for the Site is not available. Ninyo & Moore reviewed the State Water Resources Control Board's GeoTracker website for information in the Site vicinity. Groundwater monitoring data from 2016 from a site located approximately 500 feet south of the subject Site, indicated that the predominant groundwater flow direction was toward the west, and depth to groundwater ranged from approximately 6 to 15 feet bgs (AEI, 2017). Groundwater depths and flow directions can vary due to seasonal variations, groundwater withdrawal or injection, tidal influences, and other factors.

The areas surrounding the Site consist primarily of office and commercial buildings to the northwest, residential development (apartments) to the southwest, residential properties to the north and southeast, and City property to the southeast.

2.3 Historical Site Uses

The operational history of the Site; based on review of historical topographical maps, fire insurance maps, aerial photographs and City directories; was provided in Ninyo & Moore's August 28, 2019 Phase I Environmental Site Assessment (ESA) and is discussed below.

2700 International Boulevard: This parcel, located on the western portion of the Site, was developed with residential buildings and lawns during the early 1900s, then with medical offices around 1950. The current building was constructed around 1968, when it appears the 2700 International Boulevard parcel was merged with a parcel addressed as 2708 International Boulevard. The parcel is currently developed with medical/commercial office space and a parking lot.

2712-2716 International Boulevard: The centrally located parcel was developed with the current two-story building, with commercial space on the ground floor and residential above, sometime between 1911 and 1950.

2720 International Boulevard: The southeastern Site parcel was developed with doctor's offices sometime around 1950 until around 1982. The parcel is currently a parking lot.

1409 Mitchell Street: The central eastern parcel was developed with a residential building sometime before 1939 and then was developed as a parking lot sometime after 1974.

1415 Mitchell Street: The northeastern parcel on Site was developed with a residential building sometime before 1939 and was then used as a "utility service yard" from 1964 until sometime before 2005. The parcel is currently a parking lot. This address was listed in regulatory databases as a Resource and Conservation Recovery Act (RCRA)-Small Quantity Generator (SQG) of hazardous waste in 1996 and as a RCRA-Large Quantity Generator (LQG) of hazardous waste in 1981. It is unclear what substances were generated for these database listings; however, they indicate hazardous substances were likely used on Site, and releases of hazardous substances may have occurred due to this former use, though none were documented.

2.4 Proposed Site Development

TUC plans to redevelop the entire Site into a six-story mixed use complex. Construction will be slab on grade with two non-hydraulic elevators, and the building will consist of low-income residential housing units with some community-serving commercial space and parking.

The planned redevelopment will include 75 units of affordable housing, with residences, retail and a courtyard/open space. The affordable units will be a combination of 1-, 2- and 3-bedroom units. No residences are located on the ground floor; the ground floor will be comprised of commercial space, resident services, and building management. The retail space is approximately 3,800 square feet and located along International Boulevard on the ground floor. Parking consists of 33 spaces in a ground-level covered podium garage. The podium courtyard (open space), located above the garage, is approximately 8,000 square feet and will house a playground, a seating area, and a community garden.

2.5 Previous Work

Prior to DTSC involvement and the Voluntary Cleanup Program case, preliminary work was conducted at the Site under a United States Environmental Protection Agency (US EPA) Brownfields assessment grant, which was awarded to the Association of Bay Area Governments (ABAG).

Working under the US EPA Brownfields grant, Ninyo & Moore completed a Phase I ESA, which did not identify any recognized environmental concerns (RECs). However, because the 1415 Mitchell Street parcel was historically used as a "utility service yard" from 1964 until sometime before 2005, and there was documented generation and disposal of hazardous wastes listed in

the RCRA-LQG and RCRA-SQG databases, this portion of the Site is considered a potential environmental concern. Based on this potential environmental concern, we recommended a subsurface investigation on the 1415 Mitchell Street property (Ninyo & Moore, 2019).

On June 8 2020, Ninyo & Moore conducted a Phase II ESA, advancing eight soil borings (Figure 2) and collecting soil samples. Soil samples were analyzed for total petroleum hydrocarbons (TPHs), volatile organic compounds (VOCs), polychlorinated biphenyls (PCBs), asbestos, and metals; and analytical results were compared to San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs; RWQCB, 2019). TPHs as diesel (TPHd) and motor oil and metals were detected. Of these, only TPHd, arsenic, lead, nickel and vanadium exceeded Tier 1 ESLs (Ninyo & Moore, 2020). No VOCs, PCBs or asbestos were detected in soil.

2.6 Regulatory Oversight

As discussed above, initial investigation work was completed under US EPA oversight, funded by a Brownfields assessment grant issued to ABAG. A Standard Voluntary Agreement, Docket No. HAs-FY21/22-036, for the Site was executed between the DTSC and TUC on November 30, 2021. In June 2022, the DTSC awarded TUC an ECRG for Site assessment.

3 SUPPLEMENTAL SITE INVESTIGATION ACTIVITIES

The primary objectives of the SSI are to fill data gaps identified in the original Conceptual Site Model (CSM) presented in the SSI Work Plan and to collect data for a risk assessment. The purpose of the investigation is to adequately characterize the Site; determine if contaminants of potential concern (COPCs) pose a risk to current receptors, future receptors, or the environment; and ultimately to inform the need for remediation and/or mitigation in conjunction with the planned redevelopment. Specifically, the proposed scope of work is intended to:

- delineate COPCs horizontally in soil, where possible;
- delineate lead vertically in soil;
- determine whether organochlorine pesticides (OCPs) are a COPC;
- assess the extent and magnitude of COPCs in shallow soil methodically across the entire Site, especially at depths within the construction zone;
- determine if soil vapor beneath the Site has been impacted; and
- obtain usable analytical data to complete a risk assessment.

To achieve these objectives, Ninyo & Moore performed soil and soil vapor sampling at the Site. All sample locations are shown on Figure 2. Details of the sampling activities are presented in the following sections.

3.1 Permits

Well Permits, for the borings and soil vapor wells, were obtained from the Alameda County Public Works Agency. Permits are provided as Appendix A.

3.2 Underground Service Alert and Utility Survey

Prior to drilling activities, the boring locations were marked out on the ground with white paint; and Underground Service Alert (USA) North 811 was notified. Utility field personnel subsequently marked utility locations surrounding the Site. Ninyo & Moore retained Coastwide Utility Locators, LLC (CUL) of Felton, California to scan the vicinity of the boring and probe locations for the presence of subsurface utilities. On November 3, 2022, CUL provided utility location services to verify the underground utility markings made by USA and to identify the locations of unmarked utilities. Boring and probe locations are shown on Figure 2.

3.3 Borings

Soil borings and soil vapor well installations were performed by VTS Drilling LLC, a C-57 licensed contractor, on November 4, 2022 and November 7, 2022. Thirteen borings, SB-9 through SB-21, were advanced at the Site by hand auger to depths ranging from 5 to 7 feet bgs for the collection of soil samples as proposed in the SSI Work Plan.

Soils were continuously logged by a Ninyo & Moore field geologist using the Unified Soil Classification System (USCS) and screened with a photoionization detector (PID) as a qualitative indicator of the potential occurrence of VOCs. Following sample collection, all boreholes were either backfilled with neat cement grout or converted to soil vapor wells. Boring locations are shown on Figure 2 and boring logs are provided as Appendix B.

3.4 Soil Sampling

Soil samples were collected from borings SB-9 through SB-21 directly from the hand auger. The hand auger was decontaminated as described in the SSI Work Plan, using clean buckets of tap water mixed with a non-phosphate detergent and scrub brush before being triple rinsed, prior to collecting each sample. Per the laboratory analysis methods being performed, soil samples were collected in clean glass jars supplied by the analytical laboratory. All samples were labelled,

placed on ice in a cooler, and transported to Torrent Laboratory, Inc. (Torrent), a California-certified analytical laboratory, for analysis under chain-of-custody procedures.

Select soil samples were analyzed for the following analyses, per the SSI Work Plan:

- TPHd by US EPA Method 8015M,
- OCPs by US EPA Method 8081, and/or
- Title 22 Metals by US EPA Method 6010B/7471A.

3.5 Soil Vapor Well Installation

Borings SB-11, SB-12, SB-16, SB-19, and SB-21 were converted to soil vapor wells. Each soil vapor probe was installed at 5 feet bgs, with a 6-inch length stainless-steel probe connected to ¼-inch diameter Teflon® tubing and Swagelok® fittings. Each soil vapor probe was surrounded by 1-foot of No. 3 sand pack from 4.5 to 5.5 ft bgs, followed by 1-foot of dry granular bentonite and neat cement to approximately 0.5 ft bgs. Soil vapor well construction details are shown on the diagram in Appendix B.

3.6 Soil Vapor Sampling

Ninyo & Moore collected soil vapor samples SB-11-SV, SB-12-SV, SB-16-SV, SB-19-SV, and SB-21-SV. Soil vapor samples were collected using laboratory batch-certified 1-liter Summa™ canisters and manifolds provided by the analytical laboratory. Prior to sampling with the Summa™ canister equipment, a “shut-in” tightness test was performed on each sampling manifold. This was performed by sealing all openings to ambient air, opening the purge canister to establish a vacuum inside the sampling manifold and waiting to ensure the vacuum remained stable for a minimum of 2 minutes. Once the sampling manifold passed the “shut-in” tightness test, it was connected to the soil vapor well tubing and approximately three calculated well casing volumes of soil vapor were purged from the soil vapor well using a 6-liter purge can. Soil vapor samples were then collected using the sample canister to pull the soil vapor through the flow controller, pre-set by the laboratory to allow approximately 150 milliliters per minute of flow (ml/min), until a negative pressure of approximately 5 inches of mercury (in Hg) was observed on the vacuum gauge. Prior to and after collecting each soil vapor sample, the vacuum of each sample canister was measured and recorded to ensure an adequate sample volume was collected.

All sample canisters were labeled and submitted under chain-of-custody procedures to Torrent, a California-certified laboratory, for analysis. Soil vapor sampling field sheets are provided as Appendix C.

In general practice with the DTSC Advisory – Active Soil Gas Investigations (Advisory; DTSC, 2015a), quantitative leak testing was performed during sampling using helium as a tracer gas. During sampling, the soil vapor well vault, sample tubing, entire sampling train, and helium gas were enclosed within a rigid shroud. Helium concentrations inside the shroud were monitored using a helium meter and were maintained at a minimum rate of 20 percent (%) during sampling.

Soil vapor samples were analyzed for the following:

- VOCs by US EPA Method TO-15 and
- Fixed gases (oxygen, carbon dioxide, methane, and helium) by ASTM D1946-90

3.7 Field Quality Assurance and Quality Control Measures

To evaluate the reliability and compatibility of data generated during the SSI, the following field quality assurance and quality control (QA/QC) procedures were implemented.

3.7.1 Duplicate Samples

Duplicate samples were collected to evaluate the precision of both sampling techniques and laboratory testing. A summary of the parent and duplicate samples collected are presented in the following table.

Summary of Duplicate Samples			
Parent Sample ID	Duplicate Sample ID	Sample Matrix	Analyses Performed
SB-11-0.0-0.5	SB-23-0.0-0.5	Soil	TPHd, OCPs, Title 22 Metals
SB-11-2.5-3.0	SB-23-2.5-3.0	Soil	Title 22 Metals
SB-11-4.5-5.0	SB-23-4.5-5.0	Soil	Title 22 Metals
SB-11-6.5-7.0	SB-23-6.5-7.0	Soil	Sample placed on hold
SB-19-22	SB-22-SV	Soil Vapor	VOCs, Fixed Gases, Helium
Note: ID – identification			

A summary of the duplicate sample frequency per analysis is presented in the following table.

Duplicate Sample Frequency				
Analysis	Sample Matrix	Number of Duplicate Samples	Number of Parent Samples	Duplicate Percent Rate
TPHd	Soil	1	3	33%
OCPs	Soil	1	6	17%
Title 22 Metals	Soil	3	29	10%
VOCs, Fixed Gases, Helium	Soil Vapor	1	5	20%

Duplicate samples were labeled, packaged, and transported to the analytical laboratory under the same procedures as their parent sample. Duplicate samples were submitted blind to the analytical laboratory and analyzed for the same analyses as the parent sample.

3.7.2 Equipment Blanks

Equipment blank samples were collected by running distilled water over the hand auger following decontamination, collecting a sample from this rinsate, and submitting the sample for analysis. Equipment blanks were collected at the rate of one per piece of equipment used per day and submitted to the laboratory for analysis. Equipment blank samples are summarized in the following table.

Summary of Equipment Blank Samples			
Equipment Blank ID	Date Collected	Sampling Equipment	Analyses
EB-2022-11-04	11/04/2022	Hand Auger	TPHd, OCPs, Title 22 Metals
EB-2022-11-07	11/07/2022	Hand Auger	TPHd, OCPs, Title 22 Metals

3.8 Investigation-Derived Waste

Investigation-derived waste (IDW) generated from the boring advancement consisted of soil cuttings, which were placed in a 55-gallon steel drum, labeled, and temporarily stored on Site. The IDW was characterized as non-hazardous waste. The laboratory report used to characterize the waste is included in Appendix D. On November 30, 2022 the drum was removed from the Site and transported to Soil Safe’s facility in Adelanto, California. The non-hazardous soil manifest is presented as Appendix E.

4 SUPPLEMENTAL SITE INVESTIGATION RESULTS

4.1 Soil Borings

Soils encountered during the SSI field activities predominantly consisted of silty sand with some gravel and sandy silt. Debris including fragments of brick, rocks and some roots, were observed at various locations across the Site. No elevated PID readings (greater than 50 parts per million) were measured during the SSI field activities. Boring logs are included in Appendix B.

4.2 Soil Analytical Results

Soil analytical results are presented on Tables 1 and 2, soil gas analytical results are presented on Tables 3 and 4, and QA/QC data are included on Tables 5 and 6. All soil and soil vapor sample locations are shown on Figure 2, and select analytical results are shown on Figure 3. Laboratory analytical reports are provided in Appendix D. Analytical results from the SSI were compared to DTSC screening levels (DTSC-SLs; DTSC, 2020) and/or US EPA regional screening levels (RSLs; US EPA, 2022) and exceedances are described below.

4.2.1 Total Petroleum Hydrocarbons

TPHd was detected at concentrations ranging from 40.4 to 146 milligrams per kilogram (mg/kg) in SB-9-0.0-0.5, SB-10-0.0-0.5, and SB-11-0.0-0.5. There is no established DTSC-SL for TPHd, but these detections did not exceed residential ESLs.

4.2.2 Organochlorine Pesticides

Dieldrin, alpha-chlordane, gamma-chlordane and chlordane were detected in surface samples from borings SB-11 and SB-13, but no OCP detections were above DTSC-SLs. No other OCPs were detected.

4.2.3 Title 22 Metals

Arsenic, barium, cadmium, chromium, cobalt, copper, lead, mercury, nickel, silver, vanadium, and zinc were detected in soil samples collected during this investigation. Of these, only lead and arsenic were detected above their respective DTSC-SLs.

Arsenic was detected at concentrations ranging from 2.38 to 14.5 mg/kg. Concentrations from samples SB-9-0.0-0.5, SB-14-0.0-0.5, and SB-20-0.0-0.5 exceeded the San Francisco Bay Area background concentration of 11 mg/kg (Duvergé, 2011).

Lead was detected at concentrations ranging from 7.15 to 331 mg/kg. Lead concentrations were detected above the residential DTSC-SL of 80 mg/kg in SB-9-0.0-0.5, SB-11-0.0-0.5, SB-11-2.5-3.0, SB-12-0.0-0.5, SB-14-0.0-0.5, and SB-21-0.0-0.5.

4.3 Soil Vapor Analytical Results

4.3.1 Volatile Organic Compounds

Toluene, chloroform, ethylbenzene, xylenes, tetrachloroethene (PCE), 2-butanone (also known as methyl ethyl ketone), acetone, carbon disulfide, 1,1,1-trichloroethane, 1,3,5-trimethylbenzene, 1,2,4-trimethylbenzene, and 4-ethyltoluene were detected in soil vapor samples collected during this investigation. Of these, only the PCE detections in sample SB-11-SV at a concentration of 56 micrograms per cubic meter ($\mu\text{g}/\text{m}^3$) and in sample SB-12-SV at $15 \mu\text{g}/\text{m}^3$ equal or exceed to the residential DTSC-SL of $15 \mu\text{g}/\text{m}^3$ with an attenuation factor (AF) of 0.03. They are below the residential DTSC-SL using an AF of 0.001 ($460 \mu\text{g}/\text{m}^3$).

4.3.2 Leak Detection

The DTSC Advisory allows for a maximum 5% leakage of ambient air into a sample container before the results are considered to be compromised (DTSC, 2015a). Based on the table below, no samples contain concentrations of helium exceeding the maximum allowable concentration as defined in the Advisory. Thus, the soil gas data are considered valid and usable for decision making purposes.

Maximum Allowable Helium Concentrations			
Sample Identification	Lowest Helium Concentration Recorded During Sampling	Maximum Allowable Helium Concentration in Analytical Results	Helium Analytical Results
	(%)	(%)	(%)
SB-11-SV	26.4	1.32	0.16
SB-12-SV	30.3	1.52	0.23
SB-16-SV	32.1	1.61	0.14
SB-19-SV	29.0	1.45	ND<0.00092
DUP	27.5	1.38	ND<0.0065
SB-21-SV	26.7	1.34	ND<0.024

4.4 Data Quality

The analytical data obtained from the sampling event presented in this report were assessed according to QA/QC procedures to ensure the data met the requirements for their intended use and that the sampling, analysis and reporting activities provide data that are accurate, precise, representative and legally defensible.

This project's QA/QC tasks included appropriate field documentation, sample collection following standard environmental sampling and handling methodology, and collection of QA/QC samples including three duplicate samples and two equipment blank samples.

Ninyo & Moore reviewed Torrent analytical reports in accordance with the EPA National Functional Guidelines for Superfund Organic and Inorganic Methods Data Review (US EPA, 2017a and 2017b). Torrent prepared and analyzed method blank (MB) samples, laboratory control samples/laboratory control sample duplicates (LCS/LCSD), matrix spikes/matrix spike duplicates (MS/MSD) and duplicate samples in accordance with their internal QC procedures. No significant issues were identified by the laboratory on their internal QC samples.

In accordance with the QA/QC review, some analytical results were qualified as estimated concentrations as noted in this section. These estimated analytical results are denoted with a "J" flag on Tables 1 and 2. Multiple TPHd chromatograms do not match a typical fuel pattern and were qualified by the laboratory. These samples have been qualified with a "x" flag on Table 1.

No data were rejected during this data validation. The relevant QA/QC results were satisfactory and acceptable. Outstanding issues were not identified during the course of the data validation review. Overall, the presented data are reliable and useable for project decision making. A summary of the review is provided below.

4.4.1 Chains of Custody

Samples were transported to the laboratory under appropriate chain-of-custody documentation, and each chain of custody is provided as an attachment in the respective laboratory analytical report.

4.4.2 Method Blanks

There were several compounds detected in the method blanks at concentrations between the practical quantitation limit (PQL) and the method detection limit (MDL) for metals and TPH. No project samples with detections between the PQL and the MDL have a concentration less than 10 times the method blank concentration, and therefore, results are not qualified.

4.4.3 Laboratory Control Samples/Laboratory Control Sample Duplicates

No LCS/LSCD recoveries and relative percent differences (RPDs) were outside their respective limits for project and QA/QC samples.

4.4.4 Surrogate Recoveries

No surrogate recoveries were outside their respective limits for project and QA/QC samples.

4.4.5 Matrix Spikes/Matrix Spike Duplicates

MS/MSD recovery percentages were outside of laboratory control limits for several metals in laboratory report work orders 221080 and 221081. The associated LCS/LCSDs are within both recovery and RPD limits. No corrective action was required, and sample results were not qualified.

4.4.6 Equipment Blank Samples

One equipment blank sample was collected each day following the soil sampling event. EB-2022-11-04 was collected on November 4, 2022 and EB-2022-11-07 was collected on November 7, 2022. The analytical results are presented in Table 5. Mercury was detected in both equipment blank samples at concentrations of 0.00030 and 0.00064 milligrams per liter, respectively. Mercury was detected in one sample (SB-12-0.0-0.5), and that result is qualified with a “J” flag.

4.4.7 Duplicate Samples

Four duplicate soil sample pairs (SB-11-0.0-0.5/SB-23-0.0-0.5, SB-11-2.5-3.0/SB-23-2.5-3.0, SB-11-4.5-5.0/SB-23-4.5-5.0, and SB-19-SV/SB-22-SV) were analyzed for TPHd, OCPs, and Title 22 Metals for soil and VOCs for soil vapor. RPDs were calculated between the primary/duplicate sample pairs, and the calculations are presented on Tables 5 and 6. RPDs exceeding 30% are discussed below:

- The RPD for arsenic in the primary/duplicate sample SB-11-2.5-3.0/SB-23-2.5-3.0 was calculated to be 30.1%. This concentration exceeds the RPD target of 30%; the primary sample results have been qualified.
- The RPDs for barium in the primary/duplicate samples pairs SB-11-0.0-0.5/SB-23-0.0-0.5 and SB-11-2.5-3.0/SB-23-2.5-3.0 were calculated to be 35.8% and 33.1% respectively. These concentrations both exceed the RPD target of 30%; the primary sample results have been qualified.

- The chromium RPD in the primary/duplicate samples pair SB-11-0.0-0.5/SB-23-0.0-0 78.4%. This concentration exceeds the RPD of 30%; the primary sample result has been qualified.
- The RPDs for copper in the primary/duplicate samples pairs SB-11-0.0-0.5/SB-23-0.0-0.5, SB-11-2.5-3.0/SB-23-2.5-3.0, and SB-11-4.5-5.0/SB-23-4.5-5.0 were calculated to be 47.2%, 37.6%, and 40.6% respectively. These concentrations exceed the RPD of 30%; the primary sample results have been qualified.
- The RPDs for lead in the primary/duplicate samples pairs SB-11-0.0-0.5/SB-23-0.0-0.5 and SB-11-4.5-5.0/SB-23-4.5-5.0 were calculated to be 166% and 72.7% respectively. These concentrations both exceed the RPD of 30%; the primary sample results have been qualified.
- The nickel RPD in the primary/duplicate samples pair SB-11-0.0-0.5/SB-23-0.0-0 was calculated to be 75.4%. This concentration exceeds the RPD of 30%; the primary sample result has been qualified.
- The zinc RPD in the primary/duplicate samples pair SB-11-0.0-0.5/SB-23-0.0-0 to be 65.2%. This concentration exceeds the RPD of 30%; the primary sample result has been qualified.

5 UPDATED CONCEPTUAL SITE MODEL

The Site CSM has been updated with information obtained during the SSI. COPCs and possible sources, impacted media and exposure pathways are discussed below.

5.1 Contaminants of Potential Concern

As discussed above in Section 2.5, analytical data from the June 2020 Phase II ESA (Ninyo & Moore, 2020) were initially compared to RWQCB ESLs. To evaluate COPCs using DTSC screening criteria, they were subsequently compared to DTSC-SLs (DTSC, 2020) and/or US EPA RSLs (US EPA, 2022).

The analytical results from both 2020 and 2022 sampling events and relevant screening levels are shown in Tables 1 through 3. Based on this analysis, COPCs are TPHd, arsenic, lead, mercury and PCE as they exceed applicable regulatory screening criteria. OCPs were detected in soil, but concentrations did not exceed DTSC-SLs. No VOCs, PCBs, or asbestos were detected in soil. Screening level exceedances from historical and current data are discussed below.

TPHd and mercury exceedances were from single surficial soil samples: 420 mg/kg TPHd in sample SB-2-0.0-0.5 exceeded the residential ESL, and 1.2 mg/kg mercury in sample SB-4-0.0-0.5 exceeded the residential DTSC-SL. Arsenic concentrations in soil ranged from 2.38 to 18 mg/kg, with six surficial sample locations exceeding the established background concentration of

11 mg/kg (Duvergé, 2011). Lead concentrations in soil ranged from 6.9 to 710 mg/kg; twelve detections exceeded residential DTSC-SLs and three also exceeded commercial DTSC-SLs.

PCE concentrations in soil vapor ranged from 7.0 to 56 $\mu\text{g}/\text{m}^3$, and two detections exceeded residential DTSC-SLs using an AF of 0.03. They are below the residential DTSC-SL using an AF of 0.001. PCE is the only COPC in soil vapor.

All detected analytes are included in the HHRA below. TPHs (aliphatic and aromatic medium, which correlate to TPHd), OCPs (dieldrin and chlordane) and mercury are included in the soil risk characterization described below in Section 6.2, and per DTSC guidance, arsenic and lead in soil were evaluated separately (Sections 6.2.5 and 6.2.6, respectively). VOCs detected in soil vapor are included in the vapor intrusion risk evaluation described in Section 6.3.

COPC sources are unknown but are likely surface leaks, surface spills, and/or attributable to asphalt for TPHd; lead-based paint, fill material from undocumented sources, and/or aerial deposition for lead; and undocumented fill and/or naturally occurring for the other metals. Since historical Site uses do not suggest that soil vapor is impacted from Site sources, possible sources of the PCE in soil vapor include small unknown soil sources, regional contamination, and/or contamination entering the Site through utility corridors.

5.2 Impacted Media

Soil and soil vapor are the known impacted media.

Depth to groundwater beneath the Site is unknown, but is not expected above 6 feet bgs based on nearby site data. Based on the nature of the COPCs, which are predominantly metals, and their concentrations, it is unlikely that groundwater would be impacted. We note that TPHd is adequately delineated vertically, the maximum TPHd detection is below leaching to groundwater ESLs. Therefore, it is unlikely that groundwater would be impacted by on-Site COPC sources.

5.3 Exposure Pathways

This section describes all potentially complete exposure pathways including primary and secondary sources, release mechanisms, transport media, routes of chemical migration through the environment, exposure media, and potential receptors. This information is depicted graphically on Figure 4. The following paragraphs define the exposure pathways evaluated in the HHRA below and the rationale for their inclusion or elimination from consideration.

The current development plan for the property involves the construction of a six-story mixed use complex. Construction will be slab on grade with two non-hydraulic elevators and the building will consist of 75 low-income residential housing units with some community-serving commercial space, a courtyard/open space and parking. The affordable units will be a combination of 1-, 2- and 3-bedroom units. Current and potential receptors include current and future Site occupants (residential and commercial), construction workers, and neighbors.

No residences are located on the ground floor; the ground floor will be comprised of commercial space, resident services, and building management. The retail space is approximately 3,800 square feet and located along International Boulevard on the ground floor. The podium courtyard (open space), located above the garage, is approximately 8,000 square feet and will house a playground, a seating area, and a community garden. Under these conditions, the only place future on-Site residents may come in contact with soil is the tree wells along International Boulevard and Mitchell Street. Therefore, the incidental ingestion of and dermal contact with impacted soil are considered to be extremely unlikely but potentially complete exposure pathways.

During construction, construction workers and neighbors could come into contact with dust impacted by COPCs, so this is also a potentially complete exposure pathway.

Ingestion of and contact with contaminated groundwater is not considered a complete pathway as drinking and irrigation water will be provided by East Bay Municipal Utility District, and it is unlikely that Site COPCs would impact groundwater.

Based on the PCE detections in soil vapor, the volatilization and vapor intrusion into on-Site buildings is considered to be a potential exposure pathway and is evaluated in this HHRA.

6 HUMAN HEALTH RISK ASSESSMENT

The objective of the HHRA is to determine whether concentrations of TPHs (Table 1), OCPs (Table 1), and metals (Table 2) detected in soil and VOCs detected soil gas (Table 3) at the property, represent a threat to future on-Site receptors.

The HHRA was performed in conformance with the following guidance from the US EPA and the DTSC:

- DTSC, 2011. *Final Guidance for the Evaluation and Mitigation of Subsurface Vapor Intrusion to Indoor Air*.
- DTSC, 2015b. *Preliminary Endangerment Assessment Guidance Manual*.

- DTSC, 2019a. *HHRA Note Number 10, Toxicity Criteria*.
- DTSC, 2020 (Revised 2022). *HHRA Note Number 3, DTSC-Modified Screening Levels*.
- US EPA, 1989. *Risk Assessment Guidance for Superfund: Volume I - Human Health Evaluation Manual*.
- US EPA, 2022. *Regional Screening Levels*.

As required by the US EPA and DTSC, this HHRA quantitatively evaluates the potential health impacts associated with human exposure to chemicals detected in soil and soil gas beneath the site. Site characterization data collected from all site investigations were compiled into a database and statistically analyzed to establish representative chemical concentrations. Then, where appropriate, environmental fate and transport models were used to estimate the concentrations of the chemicals to which human receptors might be exposed. The HHRA summary tables are included in Appendix F.

6.1 Exposure Assessment

6.1.1 Potential Receptors

Given that current plans for redevelopment of the subject property include the construction of a mixed-use complex, the future on-Site receptors are likely to be future residents, office workers, maintenance workers, and visitors. In an effort to simplify the HHRA, it is assumed the subject property will be developed for residential use. Under these conditions future on-Site receptors are assumed to be adult and child residents.

It can be said that other non-residential receptors (such as office workers, maintenance workers and visitors) could come in contact with soil, dust and indoor air while at the Site. Therefore, in an effort to be protective of most receptors, this HHRA evaluated health risks for the most sensitive and potentially highly exposed individuals. This HHRA included the evaluation of hypothetical adult and child residential receptors. These hypothetical receptors were assumed to be at the Site 24 hours a day, 350 days per year for up to 26 years (Table F-1). The child receptors evaluated were assumed to be exposed to high levels of dust and soil, 350 days a year for up to 6 years of their early lives. If chemicals are found to be safe for children (at an age when humans are more sensitive and vulnerable), then it can be said that exposure to soil, dust or indoor air does not pose a health risk to other human receptors who are not as sensitive and who will have shorter exposure durations.

Although off-Site residential populations and any potentially sensitive subpopulations located within a one-mile radius of the site may also be exposed to Site chemicals, their exposures should be substantially less than those estimated for on-Site residential receptors because of wind dispersion and dilution. Therefore, only exposure to hypothetical on-Site residents is quantitatively evaluated in this assessment.

6.1.2 Toxicity Criteria

The toxicity assessment characterizes the relationship between the magnitude of exposure to a COPC and the nature and magnitude of adverse health effects that may result from such exposure. For the purposes of calculating exposure criteria to be used in risk assessments, adverse health effects are classified into two broad categories – carcinogens and non-carcinogens. Toxicity values/exposure criteria are generally developed based on the threshold approach for non-carcinogenic effects and the non-threshold approach for carcinogenic effects. Toxicity values may be based on epidemiological studies, short-term human studies, and sub-chronic or chronic animal data.

A reference concentration (RfC) is an exposure concentration in air that is not expected to cause adverse health effects over a lifetime of daily exposure in the most sensitive population. RfCs used in this evaluation to estimate non-carcinogenic chronic health hazards are presented in Tables F-2 and F-3.

Health risks for exposures to carcinogens are defined in terms of probabilities. The probabilities quantify the likelihood of a carcinogenic response in an individual that receives a given dose of a particular compound. These probabilities are calculated based on the potential exposure concentration and the inhalation unit risk (IUR) for a chemical.

The IUR, which is expressed in units of inverse micrograms per cubic meter ($\mu\text{g}/\text{m}^3$)⁻¹, is the 95% Upper Confidence Limit (95UCL) of the probability of carcinogenic response per unit daily exposure to a given chemical concentration over a lifetime. The IUR multiplied by the lifetime exposure concentration of the chemical provides an estimate of the 95UCL of the theoretical cancer risk for the specific chemical. The IURs used in this evaluation to estimate carcinogenic dose-assessment risks are presented in Tables F-2 and F-3.

In this assessment, chronic toxicity criteria were selected in accordance with the DTSC Regulation “Toxicity Criteria for Human Health Risk Assessment” (effective September 2018) (<https://dtsc.ca.gov/LawsRegsPolicies/Regs/Toxicity-Criteria-for-Human-Health-Risk-Assessment>). Toxicity information was obtained from the DTSC Human and Ecological Risk

Office (HERO) Human Health Risk Assessment (HHRA) Note Number 10, Toxicity Criteria (DTSC, 2019a).

6.2 Soil Risk Characterization

This section provides a qualitative and quantitative estimation of the health risks associated with chemical exposure. The risk characterization for future on-Site receptors used the estimated chemical exposure point concentrations and the toxicity values to evaluate both non-carcinogenic and carcinogenic health effects. Non-carcinogenic health effects were characterized with respect to established regulatory criteria. Carcinogenic health risks were characterized with respect to acceptable cancer risks.

6.2.1 Soil and Dust Exposure Risk Evaluation Approach

The approach used for the analysis of the risks posed by the chemicals detected in soil is based on US EPA (1989) and DTSC (2015b; 2020) guidance for the evaluation of human health risks. For chemicals detected in soil, the risk evaluation first compared the maximum detected chemical concentrations to screening levels published by health and environmental protection regulatory agencies. Any chemicals detected in soil at concentrations higher than their corresponding screening levels were then included in a detailed health risk evaluation (DTSC, 2020).

The screening levels selected for the initial comparison were the DTSC-SLs (DTSC, 2020). The DTSC-SLs have been developed to screen sites to evaluate if further evaluation is needed, to prioritize areas of concern at large sites, and to calculate risks associated with multiple contaminants. The exposure pathway calculations for soil exposure assume that there is no paving and that the Site is bare soil. Residential soil DTSC-SLs are considered to be highly protective because they assume that individuals will have direct contact with the soil through ingestion, dermal absorption, inhalation of particulates for 26 years at 350 days per year. The residential soil DTSC-SLs also assume that a child will be located on Site for six years.

The DTSC has developed “lookup” tables that can be used to screen out insignificant chemical concentrations (DTSC, 2020). DTSC-SL are risk-based concentrations that are intended to assist risk assessors and others in initial screening-level evaluations of environmental measurements. In general, if a soil chemical concentration falls below its corresponding screening level, then the chemical is deemed to pose no significant health risk to occupants of the site.

The human health direct exposure screening levels are calculated using standard equations taken directly from the US EPA (1989) and the DTSC (2015b). These equations combine certain exposure assumptions with chemical specific toxicity values to calculate contaminant levels with a one-in-a-million (1E-06) cancer target risk or a noncancer target hazard quotient (HQ) of 1.

6.2.2 Detailed Soil Exposure Risk Evaluation

The detailed risk characterization for TPHd, dieldrin, total chlordane and mercury detected in soil combines information obtained in the CSM with toxicological parameters to obtain an estimate of potential health effects.

The general equation used to estimate the average daily dose for ingestion and dermal contact exposures is:

$$ADD = \frac{EPC_{\text{soil}} \times CR \times EF \times ED \times CF}{BW \times AT \times 365}$$

Where:

- ADD = Average daily intake (mg/kg/day)
- EPC = Exposure point concentration (e.g., mg/kg soil or mg/m³ vapor or airborne dust particles)
- CR = Contact rate; the amount of medium contacted per unit of time or event (e.g., soil ingestion rate [mg/hour])
- CF = Unit conversion factor (e.g., 1E-06 kg/mg)
- EF = Exposure frequency (days/year)
- ED = Exposure duration (years)
- BW = Body weight (kg)
- AT = Averaging time (years)

The LADD is estimated using the same equation. The only difference is that the averaging time (AT) is assumed to be a human average lifetime (70 years). For the inhalation exposure pathway, US EPA (2009) recommends that when estimating risk or hazard via inhalation, the concentration of the chemical in air (e.g., µg/m³) should be used as the exposure metric rather than inhalation intake of a COPC in air based on an inhalation rate and body weight (e.g., mg/kg-day). Therefore, the ADD for the inhalation pathways is replaced with an exposure concentration factor (EC), as follows:

$$EC_{inh} = \frac{EPC_{soil} \times EF \times ED \times ET}{AT \times PEF}$$

Where:

EC_{inh} = Exposure concentration factor of COPC in outdoor air from soil (kg/m³)

EPC_{soil} = Exposure point concentration (e.g., mg/kg soil)

EF = Exposure frequency (days/year)

ED = Exposure duration (years)

ET = Exposure time (24 hours for a resident)

AT = Averaging time (years)

PEF = Particulate emission factor for soil (m³/kg)

The default exposure parameters used in this HHRA for hypothetical residential receptors are based on approximate typical exposure conditions. These parameters are summarized in Table F-1.

6.2.3 Soil Exposure Non-Carcinogenic Health Hazards

The potential for adverse noncancer effects due to exposure to an individual COPC is expressed as the hazard quotient (HQ). COPC-specific HQs are estimated by calculating the ratio of the ADDs for ingestion or dermal exposures to the chronic reference dose (RfD), and the exposure concentration (EC_{inh}) to the inhalation reference concentration (RfC). The following equations are used to estimate the noncancer HQ for direct contact and outdoor inhalation exposures, respectively:

$$HQ_{oral/dermal} = \frac{ADD}{RfD}$$

$$HQ_{inh} = \frac{EC_{inh}}{RfC}$$

The HQs for each COPC and all exposure pathways were summed to estimate the total hazard index (HI) for hypothetical on-Site residents, as follows:

$$HI = \sum_n^1 HQ_i$$

Where:

HI = Hazard index, unitless

HQ_i = as defined above, unitless

Since children are known to be more sensitive to chemical exposures, HQs and HIs estimated for children are higher than those estimated for adult receptors. Therefore, it is customary in risk assessments to report only HQs and HIs estimated for child receptors for the residential scenario. This reporting convention is followed in this HHRA.

The estimated HIs are compared to an acceptable hazard level. Implicit in the HI is the assumption of a threshold level of exposure below which no adverse effects are expected to occur. For example, if the HI exceeds unity (because site-specific exposure exceeds the RfD), then the potential for non-cancer adverse effects may exist. In general, the greater the value above 1, the greater the potential hazard. In contrast, HIs of less than 1 indicate that no adverse health effects are expected to occur from exposure to chemicals at the site.

Using maximum detected soil concentrations for TPHd, dieldrin, total chlordane and mercury the total HI from residential exposures to on site soil via incidental ingestion, dermal contact, and inhalation of outdoor air was estimated to be 1 (Table F-4). This estimated total HI is equal to the benchmark value of 1 and therefore considered acceptable. Supporting calculations are presented in Tables G-1 through G-4 of Appendix G.

6.2.4 Soil Exposure Cancer Risk Estimates

Cancer risks are expressed as the upper-bound, increased likelihood of an individual developing cancer as a result of exposure to a particular chemical. For example, a cancer risk of 1E-04 refers to an upper-bound increased chance of one in ten thousand of developing cancer over a lifetime (0.01% risk). The potential increase in cancer risk from exposure to the COPCs detected in soil at the site is in addition to a background risk of Americans developing cancer. The background risk is one chance in three (0.3 or 3E-01) for every American female, and one chance in two (0.5 or 5E-01) for every American male, of eventually developing cancer (ACS, 2020).

COPC-specific cancer risks are estimated by multiplying the LADDs for ingestion or dermal exposures by the COPC-specific cancer slope factor (CSF), or by multiplying the exposure concentration (EC_{inh}) by the inhalation unit risk (IUR) factor for inhalation exposures, to arrive at a unitless probability (e.g., 1E-06) of an individual developing cancer.

$$CR_{oral/dermal} = LADD \times CSF$$

$$CR_{inh} = EC_{inh} \times IUR$$

The CRs for each COPC and all exposure pathways were summed to estimate the total cancer risk (CR) for hypothetical on-Site residents, as follows:

$$CR_{\text{total}} = \sum_{i=1}^n (CR_i)$$

Where:

CR_{total} = Total cancer risk from all COPCs, unitless

CR_i = cancer risk from individual COPC i detected in soil, unitless

The incremental cancer risk estimated for hypothetical residential receptors exposed to chemical-impacted soil and dust through the ingestion, dermal and inhalation pathway was 6E-07 (Table F-4). This estimated cancer risk is below the DTSC benchmark value of 1E-06 and therefore considered acceptable. Supporting calculations for each exposure pathway are presented in Tables G-5 through G-8 of Appendix G.

6.2.5 Arsenic in Soil Evaluation

In accordance with DTSC risk assessment guidance, potential health risk and hazards posed by arsenic in soil were not directly evaluated in this risk assessment. The guidance specifically states that for arsenic, cleanup levels should be set at the background concentration. The site-specific soil arsenic background concentration was estimated to be 12.22 mg/kg (Appendix H). The maximum soil arsenic concentration detected at the site was 18 mg/kg (Table 2). Since the maximum detected soil arsenic concentration exceeds the regional and site-specific background concentrations, it is concluded that arsenic detected in soil could pose a health threat to hypothetical on-Site residential receptors.

6.2.6 Lead in Soil Evaluation

As for lead, the 95UCL was compared to the soil lead concentration the DTSC (2020) has determined to be safe for residential land uses. The residential DTSC-SL of 80 mg/kg was used for comparison. The soil lead 95UCL concentration was estimated to be 102.3 mg/kg (Appendix I). Since the soil lead 95UCL exceeds the DTSC-SL of 80 mg/kg, the potential blood lead concentration that could result in children exposed to soil containing lead at a concentration of 102.3 mg/kg was estimated using the DTSC's Leadsread Model (ver. 8.0). According to the Leadsread model, 90th percentile of children living in residences where soil contains lead at a concentration of up to 102.3 mg/kg could present blood lead concentrations of up to 1.3 micrograms per deciliter of blood. This estimated blood lead

concentration exceeds the level considered acceptable to the DTSC (2020). Based on these results, it is concluded that lead in soil could pose a health threat to hypothetical on-Site residential receptors.

6.3 Vapor Intrusion Risk Characterization

6.3.1 Vapor Intrusion Modeling

It is known that chemicals may migrate through environmental media from their source to a point where human receptors may be exposed. Therefore, it is necessary to determine if the detected VOCs – given their residual concentrations, locations, soil physical characteristics, weather conditions, etc. – could potentially migrate up to the surface (where human receptors may be exposed).

Screening-level models were used to predict indoor air concentrations that may result from the chemical vapors potentially released from soil gas under the Site. The estimated vapor flux and indoor air concentrations were then used to estimate potential health risks that may result from on-Site exposures. For the purposes of this evaluation, it was assumed that the land use would be residential.

6.3.2 Vapor Intrusion Resulting from VOC Migration from Soil Gas Sources

DTSC recommends that the indoor air chemical concentrations that can result from vapor intrusion be estimated using the following equation:

$$AF = \frac{C_{indoor}}{C_{soil\ gas}}$$

Where:

AF = Attenuation factor (unitless)

C_{indoor} = Indoor air concentration ($\mu\text{g}/\text{m}^3$)

$C_{soil\ gas}$ = Soil gas concentration ($\mu\text{g}/\text{m}^3$)

Using the above equation, the indoor air chemical concentration can be estimated by multiplying the known soil gas concentration by the default AF. In accordance with DTSC (2011 and 2023) guidance, the default AFs of 0.001 and 0.03 were used in this vapor intrusion risk evaluation along with the maximum soil gas concentrations. The DTSC default

AF reflects reasonably protective assumptions for conditions in California for the contamination of indoor air due to vapor intrusion (DTSC, 2011).

The DTSC default AF of 0.001 reflects reasonably protective assumptions that are more representative of conditions in California (DTSC, 2011). As a complement to the evaluation of vapor intrusion risk using an AF of 0.001, the new DTSC (2023) supplemental vapor intrusion guidance now requires that a default AF of 0.03 be included in vapor intrusion evaluations. This conservative AF of 0.03 is based on an empirical attenuation factor study predominantly comprised of single-family homes, constructed with basements, located in areas with colder climates that are not reflective of Site characteristics. The default AF of 0.001 (DTSC, 2011) may be a better representation of Site conditions, where new construction of a mixed-use building with parking on the ground floor is proposed. Results using both AFs are included here to provide a range of potential risks for the risk manager to consider.

The model assumes that the concentrations in indoor air are proportional to the flux throughout the soil column, and that a gas infiltrating into the building through the foundation floor is uniformly and instantaneously mixed within the air space above the lowest occupied floor of the building. Because this model ignores a number of possible mitigating factors, it is likely that it over-predicts the chemical flux to indoor air. However, because of its simplicity, this approach provides a simple method to estimate the likely maximum rate at which chemicals would be transported to the surface soils and into a building.

The indoor air chemical concentrations estimated to result from the volatilization of VOCs could be considered to represent a “worst-case” estimate. In the calculations it was assumed that single chemical compounds are volatilizing, traveling alone through the vadose zone and escaping to ambient air. In reality, all chemicals detected at the site are competing with each other for available soil-pore space. It is well known that chemical volatilization and migration is limited by the vapor saturation in the vadose zone. Indoor air VOC concentrations estimated using an AF of 0.001 and 0.03 are presented in Tables F-5 and F-6, respectively.

This section discusses the methods used to quantify the exposure concentration (EC) for potential receptors at the site. The estimated ECs for each VOC were used to estimate the potential for carcinogenic health risks and non-carcinogenic adverse health effects. The potential inhalation exposures were calculated using the following equation (US EPA, 2009):

$$EC = \frac{CA \cdot ET \cdot EF \cdot ED}{AT}$$

Where:

EC = Exposure concentration, $\mu\text{g}/\text{m}^3$

CA = Chemical concentration in air, $\mu\text{g}/\text{m}^3$

ET = Exposure time, hours/day

EF = Exposure frequency, days/year

ED = Exposure duration, years

AT = Averaging time, hours (used the equivalent of 70 years for carcinogens and same value as ED for non-carcinogens).

Inhalation intake factors were combined with estimated indoor air chemical concentrations (CA) to obtain the exposure concentration for future hypothetical residential receptors. Exposure parameters used to characterize future hypothetical receptors are presented in Table F-1.

6.3.3 Vapor Intrusion Non-Carcinogenic Health Hazard Evaluation

The evaluation of non-carcinogenic health hazards began with a calculation of the hazard quotient or HQ for each chemical. The HQ is defined as the ratio of the exposure concentration (EC) to the reference concentration (RfC). The HQ can be expressed according to the following equation:

$$HQ = \frac{EC}{RfC}$$

Where:

HQ = Hazard quotient, unitless

EC = Exposure concentration, $\mu\text{g}/\text{m}^3$

RfC = Reference concentration, $\mu\text{g}/\text{m}^3$

The HQs estimated for vapor intrusion were:

- 0.003 when using a default AF of 0.001 (Table F-7)
- 0.08 when using a default AF of 0.03 (Table F-8).

Both estimated HQs are below the benchmark value of 1 and therefore considered acceptable.

6.3.4 Vapor Intrusion Cancer Risk Estimates

Cancer risks were calculated in accordance with DTSC (2015b) and US EPA (1989) guidelines.

$$Risk = EC \bullet IUR$$

Where:

Risk = Upper bound incremental lifetime carcinogenic risk, unitless

EC = Exposure concentration, $\mu\text{g}/\text{m}^3$

IUR = Inhalation unit risk, $(\mu\text{g}/\text{m}^3)^{-1}$

Using the maximum detected VOC concentrations, the cancer risks estimated to result from vapor intrusion were:

- 2E-07 when using a default AF of 0.001 (Table F-9)
- 5E-06 when using a default AF of 0.03 (Table F-10).

Only the cancer risk estimated using a default AF of 0.03 exceeded the DTSC's point of departure of 1E-06.

7 CONCLUSIONS AND RECOMMENDATIONS

During November 2022, Ninyo & Moore advanced thirteen borings to collect soil samples and installed five soil vapor probes to collect soil vapor samples as proposed in the SSI Work Plan. TPHd, OCPs and metals were detected in soil. Of these, only TPHd, arsenic, mercury and lead were detected at concentrations exceeding applicable screening levels. VOCs were detected in soil vapor, and only PCE concentrations (in two soil vapor probes) exceeded DTSC-SLs using an AF of 0.03.

Historical and current data were used to update the CSM and complete an HHRA. COPCs in soil include TPHd, arsenic, mercury, and lead. The HHRA concluded that arsenic and lead in soil could pose a potential health risk to future on-Site receptors. The only COPC in soil vapor is PCE, and the HHRA model shows that the estimated risk exceeds the 1E-06 criterion when the more conservative 0.03 AF is used, and is below the criterion when the 0.001 AF is used. The two soil vapor probes containing PCE concentrations that exceed the DTSC-SLs using an AF of 0.03 (SB-11 and SB-12) are not located beneath the building, and therefore vapor intrusion of VOCs in soil vapor is unlikely to pose a risk to future residential receptors in the planned new construction. Ninyo & Moore recommends resampling the existing soil vapor probes during the warmer/drier season to assess temporal variability of soil vapor concentrations and reviewing the information presented in this report with the DTSC project team to select an appropriate remedy for this redevelopment Site.

8 LIMITATIONS

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report. Variations in site conditions may exist and conditions not observed or described in this report may be encountered during subsequent activities. Please also note that this assessment did not include an evaluation of geotechnical conditions or potential geologic hazards.

Ninyo & Moore's opinions and recommendations regarding environmental conditions, as presented in this report, are based on limited subsurface assessment and chemical analysis. Further assessment of potential adverse environmental impacts from past on-Site and/or nearby use of hazardous materials may be accomplished by a more comprehensive assessment. The samples collected and used for testing, and the observations made, are believed to be representative of the area(s) evaluated; however, conditions can vary significantly between

sampling locations. Variations in soil and/or groundwater conditions will exist beyond the points explored in this evaluation.

The environmental interpretations and opinions contained in this report are based on the results of laboratory tests and analyses intended to detect the presence and concentration of specific chemical or physical constituents in samples collected from the subject Site. The testing and analyses have been conducted by an independent laboratory which is certified by the State of California to conduct such tests. Ninyo & Moore has no involvement in, or control over, such testing and analysis. Ninyo & Moore, therefore, disclaims responsibility for any inaccuracy in such laboratory results.

Ninyo & Moore's conclusions, recommendations and opinions are based on an analysis of the observed Site conditions. It should be understood that the conditions of a site could change with time as a result of natural processes or the activities of man at the subject Site or nearby sites. In addition, changes to the applicable laws, regulations, codes and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information, or has questions regarding content, interpretations presented, or completeness of this document.

This report is intended exclusively for use by the client. Any use or reuse of the findings, conclusions and/or recommendations of this report by parties other than those noted is undertaken at said parties' sole risk.

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TABLES

Table 1 – Soil Analytical Results - TPHs, OCPs, VOCs, PCBs and Asbestos

Sample ID	Date Collected	Depth	TPHs			OCPs					VOCs, PCBs and Asbestos
			TPHmo	TPHD	TPHg	Dieldrin	alpha-Chlordane	gamma-Chlordane	Chlordane	Other OCPs	
			(mg/kg)			(µg/kg)					
SB-1-0.0-0.5	6/8/2020	0.0-0.5	580	160	ND<540	--	--	--	--	--	ND
SB-1-2.5-3.0	6/8/2020	2.5-3.0	67	23	ND<580	--	--	--	--	--	ND
SB-2-0.0-0.5	6/8/2020	0.0-0.5	1,100	420	ND<510	--	--	--	--	--	ND
SB-2-2.5-3.0	6/8/2020	2.5-3.0	10	ND<5.8	ND<590	--	--	--	--	--	ND
SB-3-0.0-0.5	6/8/2020	0.0-0.5	77	25	ND<570	--	--	--	--	--	ND
SB-3-2.5-3.0	6/8/2020	2.5-3.0	54	15	ND<610	--	--	--	--	--	ND
SB-4-0.0-0.5	6/8/2020	0.0-0.5	280	83	ND<550	--	--	--	--	--	ND
SB-4-2.5-3.0	6/8/2020	2.5-3.0	35	8.0	ND<570	--	--	--	--	--	ND
SB-5-0.0-0.5	6/8/2020	0.0-0.5	210 J	52 J	ND<530	--	--	--	--	--	ND
DUP*	6/8/2020	0.0-0.5	140	31	ND<540	--	--	--	--	--	ND
SB-5-2.5-3.0	6/8/2020	2.5-3.0	110	ND<30	ND<610	--	--	--	--	--	ND
SB-6-0.0-0.5	6/8/2020	0.0-0.5	17	ND<5.8	ND<580	--	--	--	--	--	ND
SB-6-2.5-3.0	6/8/2020	2.5-3.0	ND<6.0	ND<6.0	ND<580	--	--	--	--	--	ND
SB-7-0.0-0.5	6/8/2020	0.0-0.5	350	120	ND<580	--	--	--	--	--	ND
SB-7-2.5-3.0	6/8/2020	2.5-3.0	ND<6.6	ND<6.6	ND<620	--	--	--	--	--	ND
SB-8-0.0-0.5	6/8/2020	0.0-0.5	330	100	ND<570	--	--	--	--	--	ND
SB-8-2.5-3.0	6/8/2020	2.5-3.0	ND<5.8	ND<5.8	ND<580	--	--	--	--	--	ND
DUP*	6/8/2020	2.5-3.0	ND<5.9	ND<5.9	ND<600	--	--	--	--	--	ND
SB-9-0.0-0.5	11/7/2022	0.0-0.5	--	146 x	--	--	--	--	--	--	--
SB-10-0.0-0.5	11/7/2022	0.0-0.5	--	67.4 x	--	--	--	--	--	--	--
SB-11-0.0-0.5	11/4/2022	0.0-0.5	--	42.2 x	--	ND<20	4.46 J	ND<30	ND<200	ND	--
DUP*	11/4/2022	0.0-0.5	--	40.4 x	--	2.70 J	ND<20	ND<30	ND<200	ND	--
SB-13-0.0-0.5	11/7/2022	0.0-0.5	--	--	--	8.87 J	39.4	52.7	393	ND	--
SB-15-0.0-0.5	11/7/2022	0.0-0.5	--	--	--	ND<40	ND<40	ND<60	ND<400	ND	--
SB-16-0.0-0.5	11/4/2022	0.0-0.5	--	--	--	ND<6.0	ND<6.00	ND<9.0	ND<60	ND	--
SB-17-0.0-0.5	11/7/2022	0.0-0.5	--	--	--	ND<20	ND<20	ND<30	ND<200	ND	--
SB-21-0.0-0.5	11/4/2022	0.0-0.5	--	--	--	ND<20	ND<20	ND<30	ND<200	ND	--
Screening Levels											
DTSC-SLs Residential ¹			NE	NE	NE	34	36,000	36,000	1,700	Various	Various
Residential ESLs ²			12,000	260	430,000	NA	NA	NA	NA	NA	NA
Commercial ESLs ³			180,000	1,200	2,000,000	NA	NA	NA	NA	NA	NA
Leaching to Groundwater ESLs ⁴			NE	1,100	1,100,000	NA	NA	NA	NA	NA	NA

Notes:

TPHs - total petroleum hydrocarbons

OCPs - organochlorine pesticides, analyzed by United States Environmental Protection Agency (US EPA) Method 8081

VOCs - volatile organic compounds, analyzed by US EPA Method 8260B

PCBs - polychlorinated biphenyls, analyzed by US EPA Method 8082

Asbestos analyzed by California Air Resource Board 435

ID - identification

TPHmo - TPH as motor oil, analyzed by US EPA Method 8015B

TPHD - TPH as diesel, analyzed by US EPA Method 8015B

TPHg - TPH as gasoline, analyzed by US EPA Method 8260B

bgs - below ground surface

mg/kg - milligrams per kilogram

µg/kg - micrograms per kilogram

DUP* - duplicate of preceding sample

ND<X - analyte not detected at or above the laboratory reporting limit X

ND - not detected, see laboratory report for list of analytes and reporting limits

-- not analyzed

J - concentration is considered estimated

x - diesel value the result of overlap of oil range into diesel range

Bold indicates concentration exceeds a screening level

DTSC-SLs - California Department of Toxic Substances Control screening levels

ESLs - San Francisco Bay Regional Water Quality Control Board (RWQCB) Environmental Screening Levels

1. DTSC Human Health Risk Assessment (HHRA) Note 3, Residential Screening Levels (Table 1), May 2022, cancer/noncancer inputs (most conservative value shown); if no DTSC SL, default to US EPA Regional Screening Levels (RSLs), TR=1E-06, HQ=1, November 2022

2. RWQCB ESLs, Direct Exposure Human Health Risk Levels (Table S-1), Residential Shallow Soil Exposure, 2019 (Rev. 2)

3. RWQCB ESLs, Direct Exposure Human Health Risk Levels (Table S-1), Commercial/Industrial Shallow Soil Exposure, 2019 (Rev. 2)

4. RWQCB ESLs, Leaching to Groundwater Levels (Table S-3), Drinking Water, 2019 (Rev. 2)

NE - no screening level established

NA - screening level not applicable

Only detected values have been tabulated. For complete analytical results, see laboratory reports.

Table 3 – Soil Vapor Analytical Results - VOCs

Sample ID	Depth (feet bgs)	Date Collected	Toluene	Chloroform	Ethylbenzene	m,p-Xylene	o-Xylene	PCE	2-Butanone (MEK)	Acetone	Carbon Disulfide	1,1,1-Trichloroethane	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	4-Ethyltoluene	Other VOCs
			µg/m³													
SB-11-SV	5.0	11/18/2022	11	ND<2.4	8.0	33	18	56	2.5	20	2.1	ND<2.7	11	23	13	ND
SB-12-SV	5.0	11/18/2022	6.7	3.9	4.8	11	7.4	15	1.5	ND<12	ND<1.6	3.8	3.2	3.7	4.3	ND
SB-16-SV	5.0	11/18/2022	4.0	2.5	2.2	8.0	4.3	8.8	3.4	19	ND<1.6	ND<2.7	ND<2.5	3.8	ND<2.5	ND
SB-19-SV	5.0	11/18/2022	8.0	ND<2.4	4.1	12	6.2	ND<3.4	1.9	ND<12	2.2	ND<2.7	3.0	4.1	3.6	ND
DUP*	5.0	11/18/2022	7.1	ND<2.4	3.6	11	5.4	ND<3.4	2.5	19	1.9	ND<2.7	2.6	3.9	3.3	ND
SB-21-SV	5.0	11/18/2022	14	ND<2.4	8.3	24	12	7.0	4.3	28	3.6	ND<2.7	7.1	9.0	8.7	ND
Screening Criteria																
DTSC-SLs Residential ¹ (AF 0.03)			10,000	4.0	37	3,300	3,300	15	170,000	NE	24,000	33,000	2,100	2,100	NE	Various
DTSC-SLs Residential ¹ (AF 0.001)			310,000	120	1,100	100,000	100,000	460	5,200,000	NE	730,000	1,000,000	63,000	63,000	NE	Various

Notes:

VOCs - volatile organic compounds, analyzed using United States Environmental Protection Agency (US EPA) Method TO-15

ID - identification

PCE - tetrachloroethene

bgs - below ground surface

µg/m³ - micrograms per cubic meter

DUP* - duplicate of preceding sample

ND<X - analyte not detected at or above laboratory reporting limit X

ND - not detected; see laboratory report for list of analytes and reporting limits

Bold indicates concentration exceeds a screening level

DTSC SLs - California Department of Toxic Substances Control screening levels

1. DTSC Human Health Risk Assessment Note 3, Screening Levels (SLs); Table 3, Residential Air May 2022; cancer/noncancer inputs (most conservative value shown); if no DTSC SL, default to US EPA Regional Screening Levels (RSLs), TR=1E-06, HQ=1, November 2022

AF - attenuation factor

NE - screening criteria not established

Table 4 – Soil Vapor Analytical Results - Fixed Gases

Sample ID	Date Collected	Depth (feet bgs)	Oxygen	Carbon Dioxide	Methane	Helium
			%			
SB-11-SV	11/18/2022	5.0	17	0.88	ND<0.022	0.16
SB-12-SV	11/18/2022	5.0	18	1.6	ND<0.044	0.23
SB-16-SV	11/18/2022	5.0	17	0.73	ND<0.022	0.14
SB-19-SV	11/18/2022	5.0	18	0.56	ND<0.019	ND<0.0092
DUP*	11/18/2022	5.0	18	0.43	ND<0.012	ND<0.0065
SB-21-SV	11/18/2022	5.0	16	1.8	ND<0.045	ND<0.024

Notes:

Fixed gases and helium analyzed using ASTM Method D1946

ID - identification

bgs - below ground surface

% - percent

DUP* - duplicate of preceding sample

ND<X = analyte not detected at or above laboratory method detection limit X

Table 5 – Quality Assurance/Quality Control Samples - Soil

Sample ID	Date Collected	Depth (feet bgs)	TPHd (mg/L)	OCPs				Title 22 Metals																
				Dieldrin	alpha-Chlordane	gamma-Chlordane	Chlordane	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
				(µg/L)				(mg/L)																
EB-2022-11-04	11/4/2022	--	ND<0.10	ND<0.020	ND<0.020	ND<0.020	ND<0.25	ND<0.010	ND<0.010	ND<0.10	ND<0.0050	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.015	0.00030	ND<0.10	ND<0.050	ND<0.010	ND<0.010	ND<0.015	ND<0.020	ND<0.050
EB-2022-11-07	11/7/2022	--	ND<0.10	ND<0.020	ND<0.020	ND<0.020	ND<0.25	ND<0.010	ND<0.010	ND<0.10	ND<0.0050	ND<0.0050	ND<0.050	ND<0.0050	ND<0.0050	ND<0.015	0.00064	ND<0.10	ND<0.050	ND<0.010	ND<0.010	ND<0.015	ND<0.020	ND<0.050
Sample ID	Date Collected	Depth (feet bgs)	TPHd (mg/kg)	OCPs				Title 22 Metals																
				Dieldrin	alpha-Chlordane	gamma-Chlordane	Chlordane	Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
				(µg/kg)				(mg/kg)																
SB-11-0.0-0.5	11/4/2022	0.0-0.5	42.2	ND<20	4.46 J	ND<30	ND<200	ND<5.00	7.80	237	ND<5.00	0.905	27.0	13.2	43.5	236	ND<0.50	ND<5.00	38.0	ND<1.10	ND<0.500	ND<5.00	42.6	179
SB-23-0.0-0.5*	11/4/2022	0.0-0.5	40.4	2.70 J	ND<20	ND<30	ND<200	ND<5.00	6.00	165	ND<5.00	ND<0.750	11.8	10.0	26.9	21.8	ND<0.50	ND<5.00	17.2	ND<1.10	ND<0.500	ND<5.00	36.6	91.0
Relative Percent Difference (RPD)			4.36%	--	--	--	--	--	26.1%	35.8%	--	--	78.4%	27.6%	47.2%	166%	--	--	75.4%	--	--	--	15.2%	65.2%
SB-11-2.5-3.0	11/4/2022	2.5-3.0	--	--	--	--	--	ND<5.00	5.50	164	ND<5.00	ND<0.750	44.1	10.2	24.6	136	ND<0.50	ND<5.00	71.0	ND<1.10	ND<0.500	ND<5.00	34.0	128
SB-23-2.5-3.0*	11/4/2022	2.5-3.0	--	--	--	--	--	ND<5.00	7.45	229	ND<5.00	ND<0.750	52.5	11.4	36.0	134	ND<0.50	ND<5.00	73.0	ND<1.10	ND<0.500	ND<5.00	38.7	149
Relative Percent Difference (RPD)			--	--	--	--	--	--	30.1%	33.1%	--	--	17.4%	11.1%	37.6%	1.48%	--	--	2.78%	--	--	--	12.9%	15.2%
SB-11-4.5-5.0	11/4/2022	4.5-5.0	--	--	--	--	--	ND<5.00	8.05	210	ND<5.00	ND<0.750	75.5	16.5	32.3	18.2	ND<0.50	ND<5.00	124	ND<1.10	ND<0.500	ND<5.00	51.0	71.0
SB-23-4.5-5.0*	11/4/2022	4.5-5.0	--	--	--	--	--	ND<5.00	6.80	161	ND<5.00	ND<0.750	70.5	13.8	21.4	8.50	ND<0.50	ND<5.00	93.5	ND<1.10	ND<0.500	ND<5.00	43.1	53.0
Relative Percent Difference (RPD)			--	--	--	--	--	--	16.8%	26.4%	--	--	6.85%	17.8%	40.6%	72.7%	--	--	28.0%	--	--	--	16.8%	29.0%

Notes:
 ID - identification
 TPHd - TPH as diesel, analyzed by United States Environmental Protection Agency (USEPA) Method 8015B
 OCPs - organochlorine pesticides, analyzed by USEPA Method 8081
 Title 22 Metals analyzed by EPA Method 6010B; mercury analyzed by USEPA Method 7471/7470B
 bgs - below ground surface
 mg/L - milligrams per liter
 µg/L - micrograms per liter
 mg/kg - milligrams per kilogram
 µg/kg - micrograms per kilogram
 ND<X - analyte not detected at or above the laboratory reporting limit X
 * - Duplicate of preceding sample
 RPD - absolute value of the difference between the primary sample result and the duplicate sample result, divided by the average of the primary sample and duplicate sample results, reported in percent (%).
Bold - Detection in Equipment Blank or RPD exceeds 30%
 -- not applicable

Table 6 – Quality Assurance/Quality Control Samples - Soil Vapor

Sample ID	Depth (feet bgs)	Date Collected	Toluene	Chloroform	Ethylbenzene	m,p-Xylene	o-Xylene	PCE	2-Butanone (MEK)	Acetone	Carbon Disulfide	1,1,1-Trichloroethane	1,3,5-Trimethylbenzene	1,2,4-Trimethylbenzene	4-Ethyltoluene	Other VOCs
			µg/m ³													
SB-19-SV	5.0	11/18/2022	8.0	ND<2.4	4.1	12	6.2	ND<3.4	1.9	ND<12	2.2	ND<2.7	3.0	4.1	3.6	ND
SB-22-SV*	5.0	11/18/2022	7.1	ND<2.4	3.6	11	5.4	ND<3.4	2.5	19	1.9	ND<2.7	2.6	3.9	3.3	ND
Relative Percent Difference (RPD)			12%	--	13%	8.7%	14%	--	27%	--	15%	--	14%	5.0%	8.7%	--

Notes:

ID - identification

VOCs - volatile organic compounds, analyzed by United States Environmental Protection Agency Method 8260B

PCE - tetrachloroethene

bgs – below ground surface

µg/m³ - micrograms per cubic meter

ND<X - analyte not detected at or above laboratory reporting limit X

* - duplicate of preceding sample

RPD - absolute value of the difference between the primary sample result and the duplicate sample result, divided by the average of the primary sample and duplicate sample results, reported in percent (%).

-- not applicable



FIGURES



404102003.dwg 07/10/2023 AEK

NOTE: DIMENSIONS, DIRECTIONS, AND LOCATIONS ARE APPROXIMATE | REFERENCE: USGS, 2018

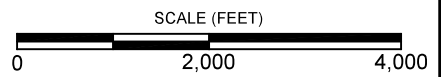


FIGURE 1

SITE LOCATION

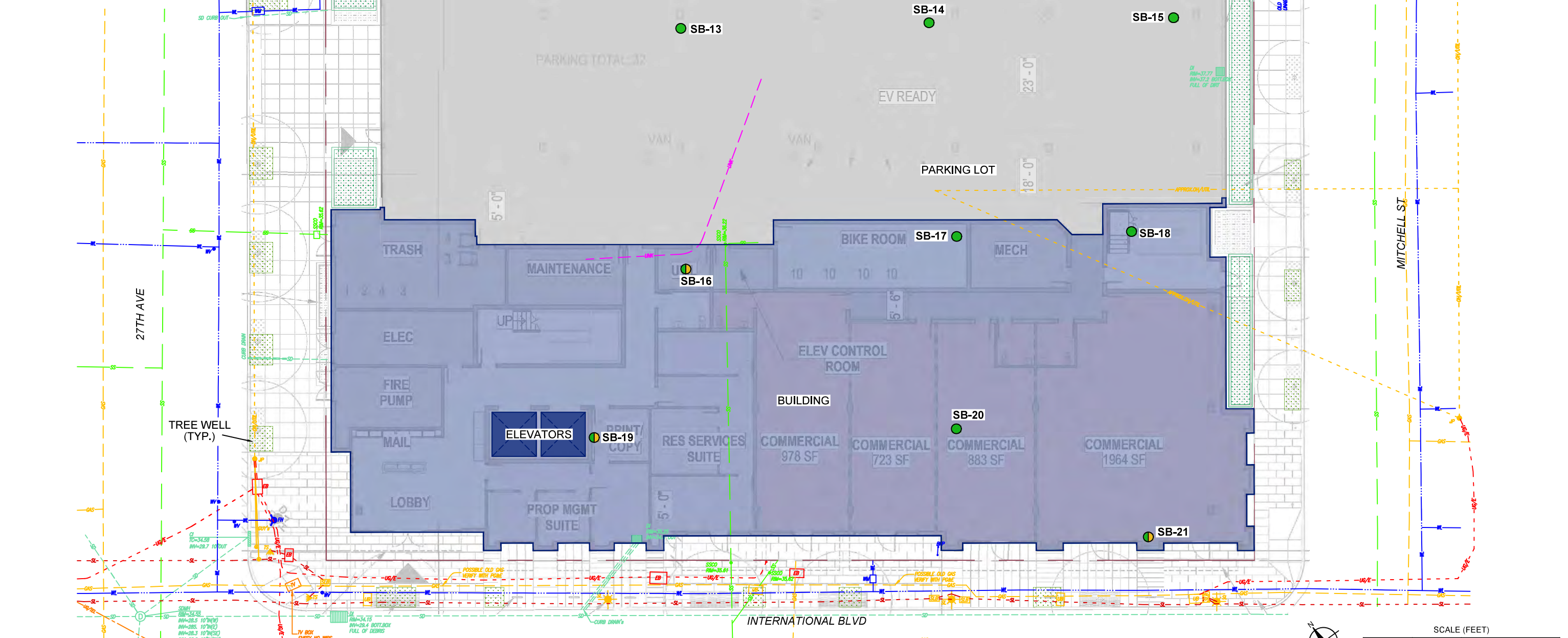
THE UNITY COUNCIL
 2700 INTERNATIONAL BOULEVARD
 OAKLAND, CALIFORNIA
 404102003 | 07/23

LEGEND

- SITE BOUNDARY
- SB-9 SOIL SAMPLE
- SB-11 SOIL AND SOIL VAPOR SAMPLE
- ⊕ SB-1 PREVIOUS SOIL BORING (N&M, 2020)

UTILITY LINE LEGEND

- GAS LINE
- TELEPHONE
- ELECTRIC
- STREET LIGHT
- OVERHEAD UTIL.
- SANITARY
- STORM
- WATER
- UNKNOWN



NOTE: DIMENSIONS, DIRECTIONS, AND LOCATIONS ARE APPROXIMATE | REFERENCES: PYATOK PRELIMINARY PLAN SET, SHEET A.201



404102003.dwg 09/06/2023 AEK

FIGURE 2



SITE PLAN
 THE UNITY COUNCIL
 2700 INTERNATIONAL BOULEVARD
 OAKLAND, CALIFORNIA
 404102003 | 09/23

LEGEND

- SITE BOUNDARY
- SB-9 SOIL SAMPLE
- SB-11 SOIL AND SOIL VAPOR SAMPLE
- SB-1 PREVIOUS SOIL BORING (N&M, 2020)

ID	DATE	As	Pb
SB-1-0.0-0.5	06/08/20	8.5	75
SB-1-2.5-3.0	06/08/20	8.7	130

SOIL SAMPLE ID WITH SAMPLE DEPTH IN FEET BELOW GROUND SURFACE, SAMPLE DATE, AND SAMPLE RESULTS IN MILLIGRAMS PER KILOGRAM (mg/kg)

ID	DATE	PCE
SB-11-SV	11/18/22	56

SOIL VAPOR SAMPLE ID, SAMPLE DATE, AND SAMPLE RESULTS TAKEN FROM 5.0 FEET BELOW GROUND SURFACE, IN MICROGRAMS PER CUBIC METER (µg/m³)

NOTES:
 SAMPLE RESULTS EXCEEDING RESIDENTIAL ENVIRONMENTAL SCREENING LEVELS OR BACKGROUND ARSENIC SHOWN IN **BOLD**
 As = ARSENIC (mg/kg)
 Pb = LEAD (mg/kg)
 PCE = TETRACHLOROETHYLENE (µg/m³)
 <X = NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT X
 J = CONCENTRATION IS CONSIDERED ESTIMATED
 * = DUPLICATE SAMPLE RESULT

- GAS LINE
- TELEPHONE
- ELECTRIC
- STREET LIGHT
- OVERHEAD UTIL.
- SANITARY
- STORM
- WATER
- UNKNOWN

ID	DATE	As	Pb
SB-2-0.0-0.5	06/08/20	7.9	150
SB-2-2.5-3.0	06/08/20	5.0	24

ID	DATE	As	Pb
SB-9-0.0-0.5	11/07/22	14.5	102
SB-9-2.5-3.0	11/07/22	8.65	29.7
SB-9-4.5-5.0	11/07/22	7.65	10.7

ID	DATE	As	Pb
SB-4-0.0-0.5	06/08/20	18	340
SB-4-2.5-3.0	06/08/20	9.4	300

ID	DATE	As	Pb
SB-6-0.0-0.5	06/08/20	6.9	39
SB-6-2.5-3.0	06/08/20	3.8	7.5

ID	DATE	As	Pb
SB-8-0.0-0.5	06/08/20	3.4	37
SB-8-2.5-3.0	06/08/20	4.1 J	8.6

ID	DATE	As	Pb
SB-7-0.0-0.5	06/08/20	5.3	55
SB-7-2.5-3.0	06/08/20	4.7	15

ID	DATE	As	Pb
SB-5-0.0-0.5	06/08/20	16	41*
SB-5-2.5-3.0	06/08/20	6.3	33

ID	DATE	As	Pb
SB-15-0.0-0.5	11/07/22	2.38	<3.00
SB-15-2.5-3.0	11/07/22	6.20	7.95

ID	DATE	As	Pb
SB-11-0.0-0.5	11/04/22	7.80	236
SB-11-2.5-3.0	11/04/22	7.45*	136
SB-11-4.5-5.0	11/04/22	8.05	18.2
ID	DATE	PCE	
SB-11-SV	11/18/22	56	

ID	DATE	As	Pb
SB-12-0.0-0.5	11/04/22	10.2	167
SB-12-2.5-3.0	11/04/22	7.65	10.0
ID	DATE	PCE	
SB-12-SV	11/18/22	15	

ID	DATE	As	Pb
SB-13-0.0-0.5	11/07/22	8.85	54.0
SB-13-2.5-3.0	11/07/22	8.45	10.6

ID	DATE	As	Pb
SB-10-0.0-0.5	11/07/22	4.73	10.6
SB-10-2.5-3.0	11/07/22	7.95	11.6
SB-10-4.5-5.0	11/07/22	6.55	9.50

ID	DATE	As	Pb
SB-1-0.0-0.5	06/08/20	8.5	75
SB-1-2.5-3.0	06/08/20	8.7	130

ID	DATE	As	Pb
SB-14-0.0-0.5	11/07/22	11.7	331
SB-14-2.5-3.0	11/07/22	7.00	9.70

ID	DATE	As	Pb
SB-3-0.0-0.5	06/08/20	13	710
SB-3-2.5-3.0	06/08/20	7.5	53

ID	DATE	As	Pb
SB-16-0.0-0.5	11/04/22	6.15	10.8
SB-16-2.5-3.0	11/04/22	5.80	8.00
ID	DATE	PCE	
SB-16-SV	11/18/22	8.8	

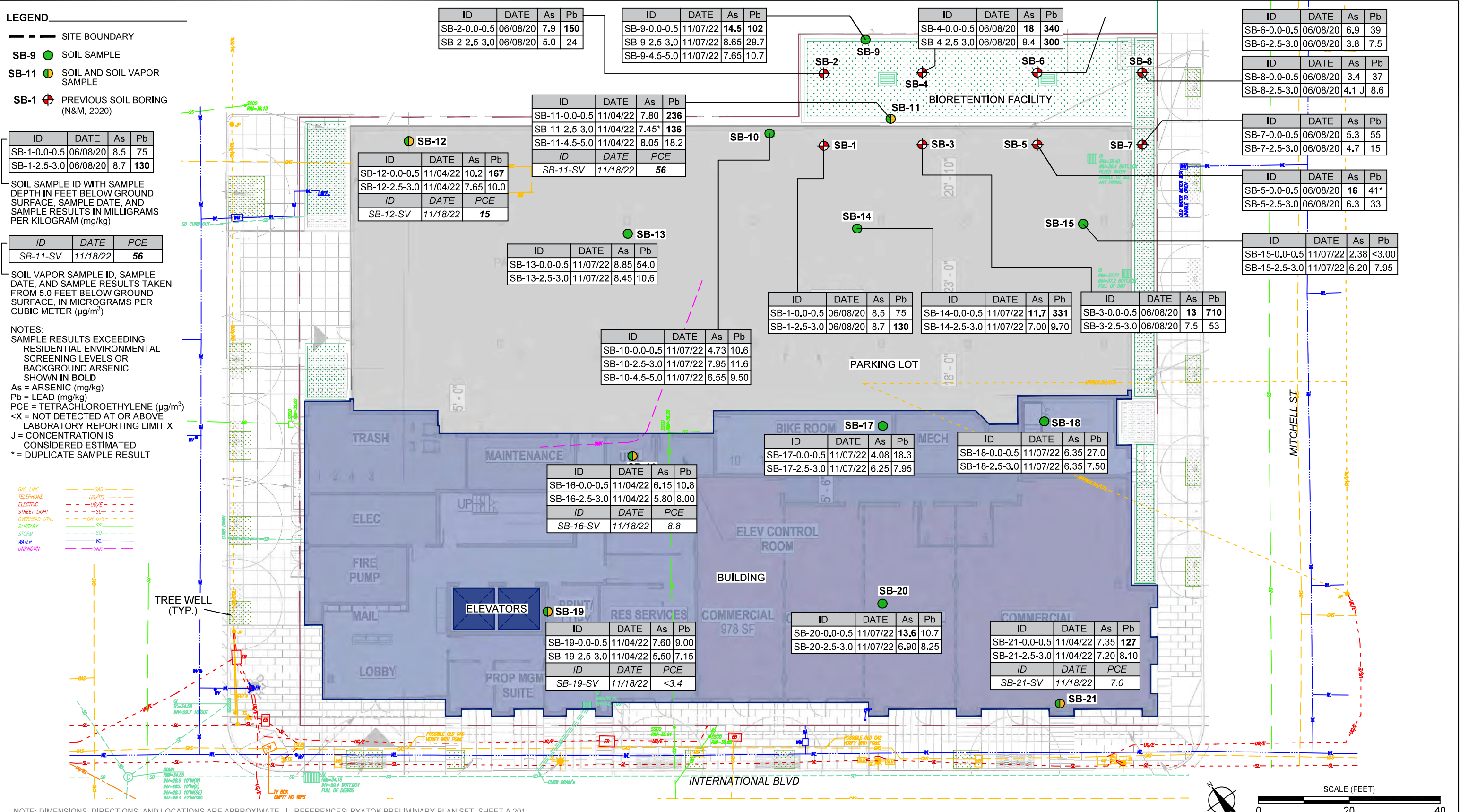
ID	DATE	As	Pb
SB-17-0.0-0.5	11/07/22	4.08	18.3
SB-17-2.5-3.0	11/07/22	6.25	7.95

ID	DATE	As	Pb
SB-18-0.0-0.5	11/07/22	6.35	27.0
SB-18-2.5-3.0	11/07/22	6.35	7.50

ID	DATE	As	Pb
SB-19-0.0-0.5	11/04/22	7.60	9.00
SB-19-2.5-3.0	11/04/22	5.50	7.15
ID	DATE	PCE	
SB-19-SV	11/18/22	<3.4	

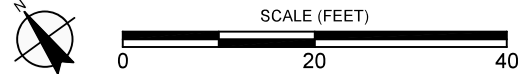
ID	DATE	As	Pb
SB-20-0.0-0.5	11/07/22	13.6	10.7
SB-20-2.5-3.0	11/07/22	6.90	8.25

ID	DATE	As	Pb
SB-21-0.0-0.5	11/04/22	7.35	127
SB-21-2.5-3.0	11/04/22	7.20	8.10
ID	DATE	PCE	
SB-21-SV	11/18/22	7.0	

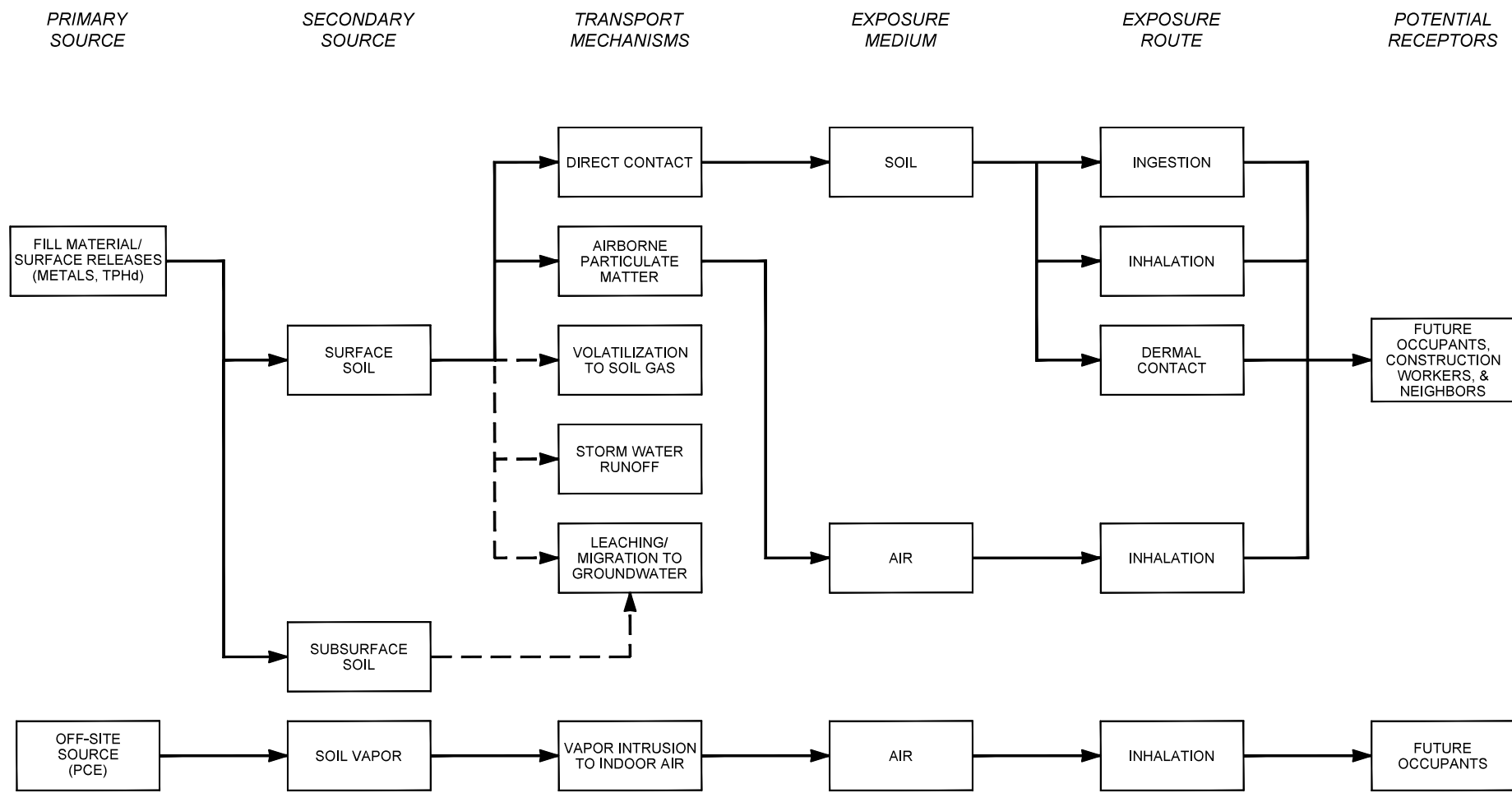


404102003.dwg 09/06/2023 AEK

NOTE: DIMENSIONS, DIRECTIONS, AND LOCATIONS ARE APPROXIMATE | REFERENCES: PYATOK PRELIMINARY PLAN SET, SHEET A.201



404102003.dwg 01/26/2023 AEK



LEGEND

————— COMPLETE PATHWAY - - - - - INCOMPLETE PATHWAY TPHd TOTAL PETROLEUM HYDROCARBONS AS DIESEL PCE TETRACHLOROETHENE

FIGURE 4



CONCEPTUAL SITE MODEL

THE UNITY COUNCIL
 2700 INTERNATIONAL BOULEVARD
 OAKLAND, CALIFORNIA
 404102003 | 01/23



APPENDIX A

Permits

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 10/14/2022 By eneyew

Permit Numbers: W2022-0790
Permits Valid from 10/24/2022 to 10/26/2022

Application Id: 1665441698533
Site Location: 2700 International Blvd, Oakland, CA 94601, USA-DTSC 6001406202
Project Start Date: 10/24/2022
Assigned Inspector: Contact Jose Ambriz at (510) 679-9361 or jose@grzones.com

City of Project Site:Oakland
Completion Date:10/26/2022

Applicant: Ninyo & Moore - Kristina Borg
2149 O'Toole Avenue #30, San Jose, CA 95131
Phone: 510-684-0389
Property Owner: Aбра Levine
1900 Fruitvale Avenue, Suite 2A, Oakland, CA 94601
Phone: --
Client: ** same as Property Owner **
Contact: Aubrey Cool
Phone: 510-559-0929
Cell: --

Receipt Number: WR2022-0459 Total Due: \$265.00
Payer Name : Kristina Borg Total Amount Paid: \$265.00
Paid By: VISA PAID IN FULL

Works Requesting Permits:

Borehole(s) for Investigation-Soil and water only-Environmental/Monitoring Study - 13 Boreholes
Driller: VTS Drilling - Lic #: 916085 - Method: auger

Work Total: \$265.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2022-0790	10/14/2022	01/22/2023	13	3.00 in.	7.00 ft

Specific Work Permit Conditions

1. Backfill bore hole by tremie with cement grout or cement grout/sand mixture. Upper two-three feet replaced in kind or with compacted cuttings. All cuttings remaining or unused shall be containerized and hauled off site. The containers shall be clearly labeled to the ownership of the container and labeled hazardous or non-hazardous.
2. Boreholes shall not be left open for a period of more than 24 hours. All boreholes left open more than 24 hours will need approval from Alameda County Public Works Agency, Water Resources Section. All boreholes shall be backfilled according to permit destruction requirements and all concrete material and asphalt material shall be to Caltrans Spec or County/City Codes. No borehole(s) shall be left in a manner to act as a conduit at any time.
3. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
4. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.
5. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
6. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic

Alameda County Public Works Agency - Water Resources Well Permit

submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.

7. NOTE:

Under California laws, the owner/operator are responsible for reporting the contamination to the governmental regulatory agencies under Section 25295(a). The owner/operator is liable for civil penalties under Section 25299(a)(4) and criminal penalties under Section 25299(d) for failure to report a leak. The owner/operator is liable for civil penalties under Section 25299(b)(4) for knowing failure to ensure compliance with the law by the operator. These penalty provisions do not apply to a potential buyer.

8. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained. Provide copies of all approved permits obtained to County inspector prior to starting drilling.

9. Permit is valid only for the purpose specified herein. No changes in construction procedures, as described on this permit application. Boreholes shall not be converted to monitoring wells, without a permit application process.

10. All borehole grouting requires inspection by ACPWA; therefore, all the drilling work activities must be coordinated with ACPWA at a minimum of five working days prior to the start of any field work. An ACPWA inspector needs to be present during all well destruction field work activities. Except for special circumstances, all work that requires inspection must be performed during the work hours of 9:00 a.m. to 3:30 p.m., Monday through Friday, except holidays.

Alameda County Public Works Agency - Water Resources Well Permit



399 Elmhurst Street
Hayward, CA 94544-1395
Telephone: (510)670-6633 Fax:(510)782-1939

Application Approved on: 10/26/2022 By eneyew

Permit Numbers: W2022-0806
Permits Valid from 11/04/2022 to 11/08/2022

Application Id: 1666397591148 **City of Project Site:** Oakland
Site Location: 2700 International Blvd, Oakland, CA 94601, USA-DTSC 6001406202
Project Start Date: 11/04/2022 **Completion Date:** 11/08/2022
Assigned Inspector: Contact Tony Xiong at (510) 213-9906 or tonyx@grzones.com

Applicant: Ninyo & Moore - Kristina Borg **Phone:** 510-684-0389
 2149 O'Toole Avenue #30, San Jose, CA 95131
Property Owner: Aubra Levine **Phone:** --
 1900 Fruitvale Avenue, Suite 2A, Oakland, CA 94601
Client: Aubra Levine **Phone:** --
 1900 Fruitvale Avenue, Suite 2A, Oakland, CA 94601

	Total Due:	\$265.00
Receipt Number: WR2022-0472	Total Amount Paid:	\$265.00
Payer Name : Kristina Borg	Paid By: VISA	PAID IN FULL

Works Requesting Permits:

Remediation Well Construction-Vapor Remediation Well - 5 Wells
 Driller: VTS Drilling - Lic #: 916085 - Method: Hand

Work Total: \$265.00

Specifications

Permit #	Issued Date	Expire Date	Owner Well Id	Hole Diam.	Casing Diam.	Seal Depth	Max. Depth
W2022-0806	10/26/2022	02/02/2023	SB-11	2.75 in.	3.00 in.	4.50 ft	5.50 ft
W2022-0806	10/26/2022	02/02/2023	SB-12	2.75 in.	3.00 in.	4.50 ft	5.50 ft
W2022-0806	10/26/2022	02/02/2023	SB-16	2.75 in.	3.00 in.	4.50 ft	5.50 ft
W2022-0806	10/26/2022	02/02/2023	SB-19	2.75 in.	3.00 in.	4.50 ft	5.50 ft
W2022-0806	10/26/2022	02/02/2023	SB-21	2.75 in.	3.00 in.	4.50 ft	5.50 ft

Specific Work Permit Conditions

1. Permittee shall assume entire responsibility for all activities and uses under this permit and shall indemnify, defend and save the Alameda County Public Works Agency, its officers, agents, and employees free and harmless from any and all expense, cost, liability in connection with or resulting from the exercise of this Permit including, but not limited to, properly damage, personal injury and wrongful death.
2. Permittee, permittee's contractors, consultants or agents shall be responsible to assure that all material or waters generated during drilling, boring destruction, and/or other activities associated with this Permit will be safely handled, properly managed, and disposed of according to all applicable federal, state, and local statutes regulating such. In no case shall these materials and/or waters be allowed to enter, or potentially enter, on or off-site storm sewers, dry wells, or waterways or be allowed to move off the property where work is being completed.
3. Applicant shall submit the copies of the approved encroachment permit to this office within 10 days.
4. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting, once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

Alameda County Public Works Agency - Water Resources Well Permit

5. Minimum seal depth (Neat Cement Seal) is 2 feet below ground surface (BGS).
 6. Minimum surface seal thickness is two inches of cement grout placed by tremie.
 7. Copy of approved drilling permit must be on site at all times. Failure to present or show proof of the approved permit application on site shall result in a fine of \$500.00.
 8. Electronic Reporting Regulations (Chapter 30, Division 3 of Title 23 & Division 3 of Title 27, CCR) require electronic submission of any report or data required by a regulatory agency from a cleanup site. Submission dates are set by a Regional Water Board or by a regulatory agency. Once a report/data is successfully uploaded, as required, you have met the reporting requirement (i.e. the compliance measure for electronic submittals is the actual upload itself). The upload date should be on or prior to the regulatory due date.
 9. Prior to any drilling activities onto any public right-of-ways, it shall be the applicants responsibilities to contact and coordinate a Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits required for that City or to the County and follow all City or County Ordinances. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County a Traffic Safety Plan for any lane closures or detours planned. No work shall begin until all the permits and requirements have been approved or obtained. Provide copies of all approved permits obtained to County inspector prior to starting drilling.
 10. All grouting work requires inspection by ACPWA; therefore, all the drilling work activities must be coordinated with ACPWA at a minimum of five working days prior to the start of any field work. An ACPWA inspector needs to be present during all well grouting field work activities. Except for special circumstances, all work that requires inspection must be performed during the work hours of 8:30 a.m. to 3:30 p.m., Monday through Friday, except holidays.
-



APPENDIX B

Boring Logs and Soil Gas Well Construction Diagram

DEPTH (feet)	SAMPLES		SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED <u>11/07/2022</u> BORING NO. <u>SB-9</u>	
	Bulk	Driven							GROUND ELEVATION _____ SHEET <u>1</u> OF <u>1</u>	DRILLING METHOD <u>Hand auger to 7' bgs</u>
									DESCRIPTION/INTERPRETATION	
0			SB-9-0.0-0.5			0.6		SM	Black, moist, very loose, silty SAND with gravel; fine to medium sand.	
2.5			SB-9-2.5-3.0			0.6			Black, moist, very loose, silty SAND; fine to medium sand.	
5			SB-9-4.5-5.0			0.2			@2.5': Increasing fine sand, no gravel.	
									@3.5': Dark brown.	
									@5.5': 2" rock pieces.	
			SB-9-6.5-7.0			0.0			@6.5': Increasing gravel, decreasing silt, some roots.	
7.5									Bottom of boring at 7'.	
10										

FIGURE B1

DEPTH (feet)	SAMPLES		SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED <u>11/07/2022</u> BORING NO. <u>SB-10</u>	
	Bulk	Driven							GROUND ELEVATION _____	SHEET <u>1</u> OF <u>1</u>
									DRILLING METHOD <u>Hand auger to 7' bgs</u>	
									DRIVE WEIGHT _____ N/A DROP _____ N/A	
									SAMPLED BY <u>KMB</u> LOGGED BY <u>KMB</u> REVIEWED BY <u>AKC</u>	
									DESCRIPTION/INTERPRETATION	
0			SB-10-0.0-0.5			1.4		SM	Dark brown, moist, very loose, silty SAND with gravel; fine to coarse sand and gravel.	
2.5			SB-10-2.5-3.0			1.8			@1.5': Increasing sand, decreasing gravel.	
5			SB-10-4.5-5.0			1.5			@3.5': Increasing sand, decreasing silt.	
7.5			SB-10-6.5-7.0			1.3			Bottom of boring at 7'.	
10										

FIGURE B2

DEPTH (feet)	SAMPLES		SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED <u>11/04/2022</u> BORING NO. <u>SB-11</u>	
	Bulk	Driven							GROUND ELEVATION _____	SHEET <u>1</u> OF <u>1</u>
									DRILLING METHOD <u>Hand auger to 7' bgs</u>	
									DRIVE WEIGHT _____ N/A DROP _____ N/A	
									SAMPLED BY <u>KMB</u> LOGGED BY <u>KMB</u> REVIEWED BY <u>AKC</u>	
DESCRIPTION/INTERPRETATION										
0			SB-11-0.0-0.5			0.4		SM	Dark yellowish brown, moist, loose, silty SAND with gravel; fine to coarse sand; brick fragments.	
2.5			SB-11-2.5-3.0			0.2			Very dark gray, moist, stiff, silty SAND; fine to coarse sand; low plasticity; brick fragments.	
5			SB-11-4.5-5.0			0.6			@4.5': Increasing fine to medium sand, decreasing silt, no gravel.	
									@5.5': Soft.	
			SB-11-6.5-7.0			0.4			@6.5': Very soft, increasing sand, decreasing clay and silt, non-plastic.	
7.5									Bottom of boring at 7'.	
10										

FIGURE B3

DEPTH (feet)	SAMPLES		SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED <u>11/04/2022</u> BORING NO. <u>SB-12</u>	
	Bulk	Driven							GROUND ELEVATION _____	SHEET <u>1</u> OF <u>1</u>
									DRILLING METHOD <u>Hand auger to 5' bgs</u>	
									DRIVE WEIGHT _____ N/A DROP _____ N/A	
									SAMPLED BY <u>KMB</u> LOGGED BY <u>KMB</u> REVIEWED BY <u>AKC</u>	
DESCRIPTION/INTERPRETATION										
0			SB-12-0.0-0.5			1.0		ML	Very dark grayish brown, moist, very stiff, sandy SILT; fine sand; medium plasticity.	
2.5			SB-12-2.5-3.0			0.7			@1.5': Stiff, brick fragments.	
5			SB-12-4.5-5.0			0.5			@2.5': Dark brown, medium stiff, increasing clay and fine to coarse sand, decreasing silt.	
5									Bottom of boring at 5'.	
7.5										
10										

FIGURE B4

DEPTH (feet)	Bulk Driven	SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED	BORING NO.				
								11/07/2022	SB-13				
								GROUND ELEVATION	SHEET	OF			
								DRILLING METHOD	Hand auger to 5' bgs				
								DRIVE WEIGHT	N/A	DROP	N/A		
								SAMPLED BY	KMB	LOGGED BY	KMB	REVIEWED BY	AKC
								DESCRIPTION/INTERPRETATION					
0		SB-13- 0.0-0.5			0.7		SM	Black, moist, loose, silty SAND with gravel; fine to coarse sand and gravel; 1-3" rocks.					
							ML	Black, moist, stiff, sandy SILT; fine to coarse sand and gravel; low plasticity; 1-3" rocks.					
								@1.5': Dark brown, hard.					
2.5		SB-13- 2.5-3.0			1.1			@2.5': Black, very stiff, increasing clay and gravel, decreasing silt.					
								@3': No rocks.					
								@3.5': Increasing clay, decreasing fine to medium gravel, medium plasticity.					
5		SB-13- 4.5-5.0			0.7			Bottom of boring at 5'.					
7.5													
10													

FIGURE B5

DEPTH (feet)	SAMPLES		SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED <u>11/07/2022</u> BORING NO. <u>SB-14</u>	
	Bulk	Driven							GROUND ELEVATION _____	SHEET <u>1</u> OF <u>1</u>
									DRILLING METHOD <u>Hand auger to 5' bgs</u>	
									DRIVE WEIGHT _____ N/A DROP _____ N/A	
									SAMPLED BY <u>KMB</u> LOGGED BY <u>KMB</u> REVIEWED BY <u>AKC</u>	
DESCRIPTION/INTERPRETATION										
0			SB-14-0.0-0.5			1.2		SM	Black, moist, very loose, silty SAND; fine to coarse sand and medium to coarse gravel.	
2.5			SB-14-2.5-3.0			1.7		ML	Black, moist, soft, sandy SILT; fine to medium sand; low plasticity.	
5			SB-14-4.5-5.0			1.6		SM	Dark brown, moist, loose, silty SAND; fine to medium sand.	
10									Bottom of boring at 5'.	

FIGURE B6

DEPTH (feet)	SAMPLES		SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED <u>11/07/2022</u> BORING NO. <u>SB-15</u>	
	Bulk	Driven							GROUND ELEVATION _____ SHEET <u>1</u> OF <u>1</u>	DRILLING METHOD <u>Hand auger to 5' bgs</u>
0			SB-15-0.0-0.5			1.3		SM	Black, moist, very loose, silty SAND with gravel; fine to coarse sand and gravel.	
2.5			SB-15-2.5-3.0			0.7		ML	Black, moist, soft, sandy SILT; fine to coarse sand; low plasticity. @1.5': Medium stiff, increasing silt, decreasing fine to medium sand, medium plasticity. @3.5': Dark brown, increasing silt, decreasing sand.	
5			SB-15-4.5-5.0			0.4			@4.5': Dark yellowish brown.	
5									Bottom of boring at 5'.	
7.5										
10										

DESCRIPTION/INTERPRETATION

FIGURE B7

DEPTH (feet)	SAMPLES		SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED <u>11/04/2022</u> BORING NO. <u>SB-16</u>	
	Bulk	Driven							GROUND ELEVATION _____	SHEET <u>1</u> OF <u>1</u>
									DRILLING METHOD <u>Hand auger to 5' bgs</u>	
									DRIVE WEIGHT _____ N/A DROP _____ N/A	
									SAMPLED BY <u>KMB</u> LOGGED BY <u>KMB</u> REVIEWED BY <u>AKC</u>	
DESCRIPTION/INTERPRETATION										
0			SB-16-0.0-0.5			1.7		GW	Dark yellowish brown, moist, loose, well-graded GRAVEL; fine to coarse sand and gravel.	
								ML	Black, moist, very stiff, sandy SILT; fine to coarse sand and gravel; medium plasticity.	
								SM	Dark yellowish brown, moist, medium dense, silty SAND; fine to coarse sand.	
2.5			SB-16-2.5-3.0			0.9			@2.5': Increasing fine to medium sand, decreasing clay and silt.	
5			SB-16-4.5-5.0			0.8			@4.5': Dark yellowish brown.	
									Bottom of boring at 5'.	
7.5										
10										

FIGURE B8

DEPTH (feet)	SAMPLES		SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED <u>11/07/2022</u> BORING NO. <u>SB-17</u>	
	Bulk	Driven							GROUND ELEVATION _____	SHEET <u>1</u> OF <u>1</u>
									DRILLING METHOD <u>Hand auger to 5' bgs</u>	
									DRIVE WEIGHT <u>N/A</u> DROP <u>N/A</u>	
									SAMPLED BY <u>KMB</u> LOGGED BY <u>KMB</u> REVIEWED BY <u>AKC</u>	
DESCRIPTION/INTERPRETATION										
0			SB-17-0.0-0.5			1.3		SM	Light brownish gray, moist, very loose, silty SAND with gravel; fine to coarse sand.	
									Dark brown, moist, soft, silty SAND; fine to coarse sand; low plasticity.	
2.5			SB-17-2.5-3.0			1.3		ML	Dark brown, moist, soft, sandy SILT; fine to medium sand; medium plasticity.	
									@3.5': Increasing silt, decreasing sand.	
5			SB-17-4.5-5.0			1.4			Bottom of boring at 5'.	
7.5										
10										

FIGURE B9

DEPTH (feet)	SAMPLES		SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED <u>11/07/2022</u> BORING NO. <u>SB-18</u>	
	Bulk	Driven							GROUND ELEVATION _____	SHEET <u>1</u> OF <u>1</u>
									DRILLING METHOD <u>Hand auger to 5' bgs</u>	
									DRIVE WEIGHT _____ N/A DROP _____ N/A	
									SAMPLED BY <u>KMB</u> LOGGED BY <u>KMB</u> REVIEWED BY <u>AKC</u>	
DESCRIPTION/INTERPRETATION										
0			SB-18-0.0-0.5			1.0		SM	Light brownish gray, moist, very loose, silty SAND with gravel; fine to coarse sand and gravel.	
								ML	Dark gray, moist, soft, sandy SILT; fine to coarse sand and gravel; low plasticity.	
2.5			SB-18-2.5-3.0			1.3			@1.5': Increasing clay and silt, decreasing fine to medium sand, no gravel, medium plasticity.	
									@2.5': Medium stiff, increasing silt, decreasing clay.	
									@3.5': Dark grayish brown.	
5			SB-18-4.5-5.0			1.2			@4.5': Stiff.	
									Bottom of boring at 5'.	
7.5										
10										

FIGURE B10

DEPTH (feet)	SAMPLES		SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED <u>11/04/2022</u> BORING NO. <u>SB-19</u>	
	Bulk	Driven							GROUND ELEVATION _____	SHEET <u>1</u> OF <u>1</u>
									DRILLING METHOD <u>Hand auger to 5.5' bgs</u>	
									DRIVE WEIGHT <u>N/A</u> DROP <u>N/A</u>	
									SAMPLED BY <u>KMB</u> LOGGED BY <u>KMB</u> REVIEWED BY <u>AKC</u>	
DESCRIPTION/INTERPRETATION										
0			SB-19- 0.0-0.5			0.8		ML	Very dark gray, moist, very stiff, sandy SILT; fine to medium sand; high plasticity.	
								SM	Dark yellowish brown, moist, medium dense, silty SAND; fine to medium sand.	
2.5								ML	Brown, moist, stiff, sandy SILT; fine to medium sand; high plasticity.	
5			SB-19- 5.0-5.5			0.5				
									Bottom of boring at 5.5'.	
7.5										
10										

FIGURE B11



DEPTH (feet)	SAMPLES		SAMPLE ID	MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED <u>11/07/2022</u> BORING NO. <u>SB-20</u>	
	Bulk	Driven							GROUND ELEVATION _____	SHEET <u>1</u> OF <u>1</u>
									DRILLING METHOD <u>Hand auger to 5' bgs</u>	
									DRIVE WEIGHT _____ N/A DROP _____ N/A	
									SAMPLED BY <u>KMB</u> LOGGED BY <u>KMB</u> REVIEWED BY <u>AKC</u>	
DESCRIPTION/INTERPRETATION										
0			SB-20-0.0-0.5			1.8		GW-GM	Olive brown, moist, very loose, well-graded GRAVEL with silt and sand; fine to coarse sand and gravel.	
2.5			SB-20-2.5-3.0			1.3		ML	Dark olive brown, moist, soft, sandy SILT; fine to coarse sand; medium plasticity.	
5			SB-20-4.5-5.0			1.4			@3.5': Medium stiff, increasing clay and silt, decreasing fine to medium sand.	
5	Bottom of boring at 5'.									
7.5										
10										

FIGURE B12



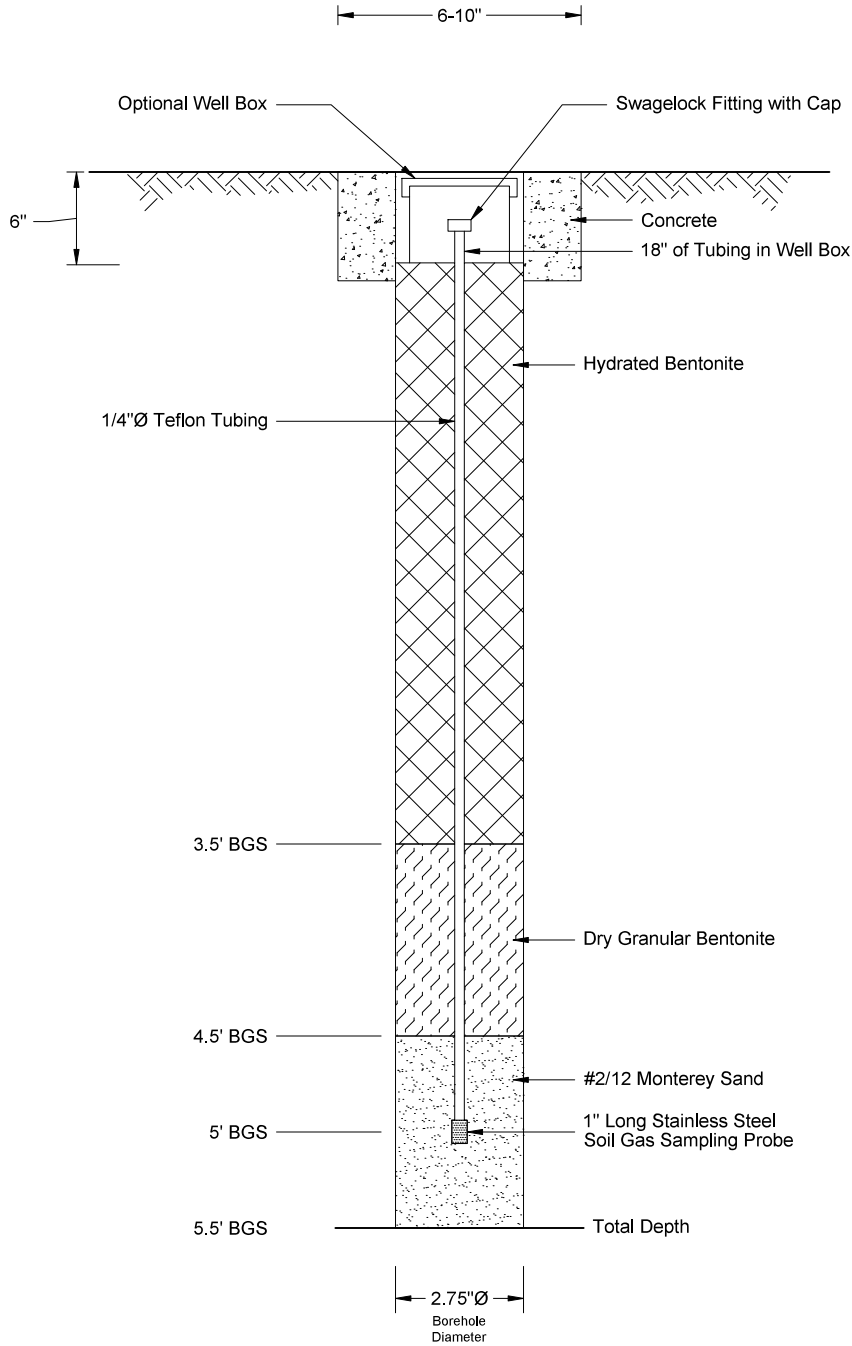
DEPTH (feet)	SAMPLES		MOISTURE (%)	DRY DENSITY (PCF)	PID READING (PPM)	SYMBOL	CLASSIFICATION U.S.C.S.	DATE DRILLED <u>11/04/2022</u> BORING NO. <u>SB-21</u>	
	Bulk	Driven						GROUND ELEVATION _____	SHEET <u>1</u> OF <u>1</u>
		SAMPLE ID						DRILLING METHOD <u>Hand auger to 5' bgs</u>	
								DRIVE WEIGHT <u>N/A</u> DROP <u>N/A</u>	
								SAMPLED BY <u>KMB</u> LOGGED BY <u>KMB</u> REVIEWED BY <u>AKC</u>	
DESCRIPTION/INTERPRETATION									
0		SB-21-0.0-0.5			0.2		GW-GM	Olive brown, moist, loose, well-graded GRAVEL with silt and sand; fine to medium sand and gravel.	
							ML	Olive brown, moist, soft, sandy SILT; fine to medium sand; medium plasticity. @1.5': Increasing sand, decreasing silt. @3.5': Stiff, increasing silt, decreasing sand, high plasticity. @4.5': Medium stiff, medium plasticity.	
2.5		SB-21-2.5-3.0			0.2				
5		SB-21-4.5-5.0			0.2				
								Bottom of boring at 5'.	
7.5									
10									

FIGURE B13



Notes:
 BGS = Below Ground Surface
 Ø = Diameter

NOTE: NOT TO SCALE

404102003.dwg 12/27/2022 AEK



APPENDIX C

Soil Vapor Sampling Sheets

Soil Vapor Sample Collection Data

Sample ID: SB-11-SV		Client: The Unity City		Date: 11/18/22	
		Project Number: 404109003		Site Location: 2700 International Blvd	
		Field Personnel Type of Probe and Advancement Method			
Sample Data	Sample ID	SB-11-SV			
	Canister Serial No.	A18254			
	Flow Controller Serial No.	E51			
	Sample Depth (Ft.)	5ft			
	Tubing length	3ft			
	Purge Volume and Rate	150 mL/min -3.72" Hg or 744.2 mL and 150mL/min CRE			
	Calculated Duration of Purge (3 tubing volumes)	11.6" Hg 13.5 mins CRE			
1-2-Minute Shut-in Test	Time Sample-Train Shut-in Test Begins	1023			
	Initial Canister Vacuum (inches Hg)	-10" Hg			
	Time Sample-Train Shut-in Test Ends	1028			
	Duration of Test	5 min.			
	Final Canister Vacuum (inches Hg)	-20" Hg			
Purge	Time Beginning of Purge	1029			
	Time End of Purge	1045			
	Actual Duration of Purge	16 min			
Sample Collection and Tracer Gas Monitoring	Time Canister Opened	1052			
	Initial Canister Vacuum (inches Hg)	-29" Hg			
	Measured Helium % Initial	32.2%			
	2 min.	26.4%	35 min.		
	4 min.	27.5%	40 min.		
	6 min.	31.1%	45 min.		
	8 min.		50 min.		
	10 min.		55 min.		
	15 min.		60 min.		
	20 min.		_____ min.		
	25 min.		_____ min.		
	30 min.		_____ min.		
	Comments		_____ min.		
	Time Canister Closed	1058			
	Final Canister Pressure (Inches Hg)	-5" Hg			
Time of Sample Collection	7 min	6 min			

Notes:
Calculating Purge Volume: Length of tube (ft.) x 5.6 cc/linear foot (1/4" OD Teflon Tube)

Soil Vapor Sample Collection Data

Sample ID: SB-12-SV		Client: The Unity City	Date: 11/18/22
		Project Number: 404102003	
		Site Location: 2700 International Blvd	
		Field Personnel:	
		Type of Probe and Advancement Method:	
Sample Data	Sample ID	SB-12-SV	
	Canister Serial No.	A11734	
	Flow Controller Serial No.	E107	
	Sample Depth (ft.)	5ft	
	Tubing length	3ft	
	Purge Volume and Rate	150 mL/min	-3.72" Hg or 744.2 mL and 150 mL/min CRE
	Calculated Duration of Purge (3 tubing volumes)	11.16 min	13.5 mins CRE
1-2-Minute Shut-in Test	Time Sample-Train Shut-in Test Begins	1427	
	Initial Canister Vacuum (inches Hg)	-14" Hg	
	Time Sample-Train Shut-in Test Ends	1432	
	Duration of Test	5 min	
	Final Canister Vacuum (inches Hg)	-14" Hg	
Purge	Time Beginning of Purge	1433	
	Time End of Purge	1454	
	Actual Duration of Purge	21 min	
Sample Collection and Tracer Gas Monitoring	Time Canister Opened	1459	
	Initial Canister Vacuum (inches Hg)	-29" Hg	
	Measured Helium % Initial	36.5	
	2 min.	30.3	35 min.
	4 min.	32.3	40 min.
	6 min.	31.4	45 min.
	8 min.		50 min.
	10 min.		55 min.
	15 min.		60 min.
	20 min.		___ min.
	25 min.		___ min.
	30 min.		___ min.
	Comments		___ min.
	Time Canister Closed	1505	
Final Canister Pressure (inches Hg)	-5		
Time of Sample Collection	6 min		

Notes:
Calculating Purge Volume: Length of tube (ft.) x 5.5 cc/linear foot (1/4" OD Teflon Tube)

Soil Vapor Sample Collection Data

Sample ID: SB-16-SV		Client: The Unity City				Date: 11/18/22	
		Project Number: 404102003					
		Site Location: 2700 International Blvd					
		Field Personnel				Type of Probe and Advancement Method	
Sample Data	Sample ID	SB-16-SV					
	Canister Serial No.	R3579			A12168	R3579	A12168
	Flow Controller Serial No.	E47			E47	E100	E100
	Sample Depth (Ft.)	5ft					
	Tubing length	3ft					
	Purge Volume and Rate	150 mL/min -3.72" Hg or 744.2 mL and 150mL/min CRE					
	Calculated Duration of Purge (3 tubing volumes)	11.16" Hg 13.5 mins CRE					
1-2-Minute Shut-in Test	Time Sample-Train Shut-in Test Begins	1253	1259	1307	1319	1328	1337
	Initial Canister Vacuum (inches Hg)	-29" Hg	-29" Hg	-29" Hg	-26" Hg	-26" Hg	-26" Hg
	Time Sample-Train Shut-in Test Ends	1258	1303	1311	1327	1333	1342
	Duration of Test	5min	1302min	4min	8min	5min	5min
	Final Canister Vacuum (inches Hg)	-25" Hg ^{Fail}	-27" Hg ^{Fail}	-27" Hg ^{Fail}	-25.5" Hg ^{Fail}	-25.5" Hg ^{Fail}	-26" Hg ^{Pass}
Purge	Time Beginning of Purge	1345 ^{inc}				1345	
	Time End of Purge					1401	
	Actual Duration of Purge					16min	
Sample Collection and Tracer Gas Monitoring	Time Canister Opened					1406	
	Initial Canister Vacuum (inches Hg)					-27" Hg	
	Measured Helium % Initial					30.6	
	2 min.	44.8	35 min.				
	4 min.	32.9	40 min.				
	6 min.	32.1	45 min.				
	8 min.		50 min.				
	10 min.		55 min.				
	15 min.		60 min.				
	20 min.		___ min.				
	25 min.		___ min.				
	30 min.		___ min.				
	Comments		___ min.				
Time Canister Closed	1412						
Final Canister Pressure (inches Hg)	-5" Hg						
Time of Sample Collection	6min						

Notes:
Calculating Purge Volume: Length of tube (ft.) x 5.5 ccf/linear foot (1/4" OD Teflon Tube)

Soil Vapor Sample Collection Data

Sample ID: SB-19-SV		Client: The Unity City	Date: 11/18/22
		Project Number: 404102003	
		Site Location: 2700 International Blvd	
		Field Personnel	
		Type of Probe and Advancement Method	

Sample Data	Sample ID	SB-19-SV	SB-22-SV
	Canister Serial No.	A7560	A12258
	Flow Controller Serial No.	E7	E7
	Sample Depth (Ft.)	5ft	
	Tubing length	3ft	
	Purge Volume and Rate	150ml/min	-3.72" Hg or 744.2 mL and 150mL/min CRE
	Calculated Duration of Purge (3 tubing volumes)	11.16 min	13.5 mins CRE
1-2-Minute Shut-in Test	Time Sample-Train Shut-in Test Begins	1126	
	Initial Canister Vacuum (inches Hg)	-30" Hg	
	Time Sample-Train Shut-in Test Ends	1131	
	Duration of Test	5min	
	Final Canister Vacuum (inches Hg)	-30" Hg	
Purge	Time Beginning of Purge	1133	
	Time End of Purge	1200	
	Actual Duration of Purge	27min	
Sample Collection and Tracer Gas Monitoring	Time Canister Opened	1208	1226
	Initial Canister Vacuum (inches Hg)	-28" Hg	-29" Hg
	Measured Helium % Initial	29; 31.6	
	2 min.	30.4; 27.5	35 min.
	4 min.	31.2; 28.6	40 min.
	6 min.	33.2; 28.2	45 min.
	8 min.		50 min.
	10 min.		55 min.
	15 min.		60 min.
	20 min.		___ min.
	25 min.		___ min.
	30 min.		___ min.
	Comments		___ min.
	Time Canister Closed	1214	1233
Final Canister Pressure (inches Hg)	-5" Hg	-5" Hg	
Time of Sample Collection	6min	7min	

Notes:
Calculating Purge Volume: Length of tube (ft.) x 5.5 cc/linear foot (1/4" OD Teflon Tube)

Soil Vapor Sample Collection Data

Sample ID: SB-21-SV		Client: The Unity City	Date: 11/18/27
		Project Number: 404102003	
		Site Location: 2700 International Blvd	
		Field Personnel	
		Type of Probe and Advancement Method	
Sample Data	Sample ID	SB-21-SV	
	Canister Serial No.	A12247	
	Flow Controller Serial No.	E99	
	Sample Depth (Ft.)	5ft	
	Tubing length	3ft	
	Purge Volume and Rate	150 mL/min -3.72" Hg or 744.2 mL and 150mL/min CRE	
	Calculated Duration of Purge (3 tubing volumes)	11.16" Hg 13.5 mins CRE	
1-2-Minute Shut-in Test	Time Sample-Train Shut-In Test Begins	0918	
	Initial Canister Vacuum (inches Hg)	-30" Hg	
	Time Sample-Train Shut-In Test Ends	0918	
	Duration of Test	5min	
	Final Canister Vacuum (inches Hg)	-30" Hg	
Purge	Time Beginning of Purge	0921	
	Time End of Purge	0936	
	Actual Duration of Purge	15min	
Sample Collection and Tracer Gas Monitoring	Time Canister Opened	0946	
	Initial Canister Vacuum (inches Hg)	-29" Hg	
	Measured Helium % Initial	29.5	
	2 min.	27.6	35 min.
	4 min.	26.7	40 min.
	6 min.		45 min.
	8 min.		50 min.
	10 min.		55 min.
	15 min.		60 min.
	20 min.		___ min.
	25 min.		___ min.
	30 min.		___ min.
	Comments		___ min.
	Time Canister Closed	0951	
Final Canister Pressure (inches Hg)	-5" Hg		
Time of Sample Collection	5min		

Notes:
Calculating Purge Volume: Length of tube (ft.) x 5.5 cc/linear foot (1/4" OD Teflon Tube)



APPENDIX D

Laboratory Analytical Reports



Ninyo & Moore
2020 Challenger Drive, Suite 103
Alameda, California 94501
Tel: 510-343-3000
RE: Unity Council 2700 International Blvd

Work Order No.: 2211079

Dear Aubrey Cool:

Torrent Laboratory, Inc. received 1 sample(s) on November 07, 2022 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

November 15, 2022

Date



Date: 11/15/2022

Client: Ninyo & Moore

Project: Unity Council 2700 International Blvd

Work Order: 2211079

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.



Sample Result Summary

Report prepared for: Aubrey Cool
Ninyo & Moore

Date Received: 11/07/22

Date Reported: 11/15/22

2211079-001

DRUM

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	7.55	mg/Kg
Barium	SW6010B	1	0.055	5.00	192	mg/Kg
Chromium	SW6010B	1	0.075	5.00	73.0	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	17.1	mg/Kg
Copper	SW6010B	1	0.20	5.00	33.4	mg/Kg
Lead	SW6010B	1	0.10	3.00	33.6	mg/Kg
Nickel	SW6010B	1	0.50	5.00	105	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	59.5	mg/Kg
Zinc	SW6010B	1	0.30	5.00	85.5	mg/Kg
TPH as Diesel	SW8015B	1	0.66	2.0	7.70	mg/Kg
TPH as Motor Oil	SW8015B	1	0.76	5.0	66.4	mg/Kg



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	DRUM	Lab Sample ID:	2211079-001A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 /		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146581	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:01	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	DRUM	Lab Sample ID:	2211079-001A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 /		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:31	AT	470654
Arsenic	SW6010B	1	0.15	1.30	7.55		mg/Kg	11/09/22	13:31	AT	470654
Barium	SW6010B	1	0.055	5.00	192		mg/Kg	11/09/22	13:31	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:31	AT	470654
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:31	AT	470654
Chromium	SW6010B	1	0.075	5.00	73.0		mg/Kg	11/09/22	13:31	AT	470654
Cobalt	SW6010B	1	0.070	5.00	17.1		mg/Kg	11/09/22	13:31	AT	470654
Copper	SW6010B	1	0.20	5.00	33.4		mg/Kg	11/09/22	13:31	AT	470654
Lead	SW6010B	1	0.10	3.00	33.6		mg/Kg	11/09/22	13:31	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:31	AT	470654
Nickel	SW6010B	1	0.50	5.00	105		mg/Kg	11/09/22	13:31	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:31	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:31	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:31	AT	470654
Vanadium	SW6010B	1	0.10	5.00	59.5		mg/Kg	11/09/22	13:31	AT	470654
Zinc	SW6010B	1	0.30	5.00	85.5		mg/Kg	11/09/22	13:31	AT	470654



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	DRUM	Lab Sample ID:	2211079-001A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 /		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 11/8/22	10:14:00AM
Prep Batch ID: 1146562	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

alpha-BHC	SW8081B	10	2.5	20	ND		ug/Kg	11/08/22	23:20	LA	470643
gamma-BHC (Lindane)	SW8081B	10	7.1	20	ND		ug/Kg	11/08/22	23:20	LA	470643
beta-BHC	SW8081B	10	4.4	20	ND		ug/Kg	11/08/22	23:20	LA	470643
delta-BHC	SW8081B	10	6.5	20	ND		ug/Kg	11/08/22	23:20	LA	470643
Heptachlor	SW8081B	10	2.7	20	ND		ug/Kg	11/08/22	23:20	LA	470643
Aldrin	SW8081B	10	2.9	20	ND		ug/Kg	11/08/22	23:20	LA	470643
Heptachlor Epoxide	SW8081B	10	3.1	20	ND		ug/Kg	11/08/22	23:20	LA	470643
gamma-Chlordane	SW8081B	10	15	30	ND		ug/Kg	11/08/22	23:20	LA	470643
alpha-Chlordane	SW8081B	10	3.6	20	ND		ug/Kg	11/08/22	23:20	LA	470643
4,4'-DDE	SW8081B	10	6.1	20	ND		ug/Kg	11/08/22	23:20	LA	470643
Endosulfan I	SW8081B	10	2.9	20	ND		ug/Kg	11/08/22	23:20	LA	470643
Dieldrin	SW8081B	10	2.5	20	ND		ug/Kg	11/08/22	23:20	LA	470643
Endrin	SW8081B	10	7.9	20	ND		ug/Kg	11/08/22	23:20	LA	470643
4,4'-DDD	SW8081B	10	6.4	20	ND		ug/Kg	11/08/22	23:20	LA	470643
Endosulfan II	SW8081B	10	3.4	20	ND		ug/Kg	11/08/22	23:20	LA	470643
4,4'-DDT	SW8081B	10	7.4	20	ND		ug/Kg	11/08/22	23:20	LA	470643
Endrin Aldehyde	SW8081B	10	5.1	20	ND		ug/Kg	11/08/22	23:20	LA	470643
Methoxychlor	SW8081B	10	26	60	ND		ug/Kg	11/08/22	23:20	LA	470643
Endosulfan Sulfate	SW8081B	10	5.1	20	ND		ug/Kg	11/08/22	23:20	LA	470643
Endrin Ketone	SW8081B	10	4.3	20	ND		ug/Kg	11/08/22	23:20	LA	470643
Chlordane, Technical	SW8081B	10	130	200	ND		ug/Kg	11/08/22	23:20	LA	470643
Toxaphene	SW8081B	10	220	500	ND		ug/Kg	11/08/22	23:20	LA	470643
Acceptance Limits											
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		65.2		%	11/08/22	23:20	LA	470643
Decachlorobiphenyl (S)	SW8081B		38 - 135		73.7		%	11/08/22	23:20	LA	470643

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	DRUM	Lab Sample ID:	2211079-001A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 /		
SDG:			

Prep Method: 3546_TPH	Prep Batch Date/Time: 11/8/22	10:39:00AM
Prep Batch ID: 1146564	Prep Analyst: AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.66	2.0	7.70	x	mg/Kg	11/09/22	7:19	LA	470644
TPH as Motor Oil	SW8015B	1	0.76	5.0	66.4		mg/Kg	11/09/22	7:19	LA	470644
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		48.5		%	11/09/22	7:19	LA	470644

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	DRUM	Lab Sample ID:	2211079-001A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 /		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 11/8/22 10:53:00AM
Prep Batch ID: 1146600	Prep Analyst: BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	11/08/22	14:47	BP	470646
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	11/08/22	14:47	BP	470646
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	11/08/22	14:47	BP	470646
TBA	SW8260B	1	12	50	ND		ug/Kg	11/08/22	14:47	BP	470646
Diisopropyl ether	SW8260B	1	2.3	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Ethyl tert-Butyl ether	SW8260B	1	2.3	10	ND		ug/Kg	11/08/22	14:47	BP	470646
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	11/08/22	14:47	BP	470646
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	11/08/22	14:47	BP	470646
TAME	SW8260B	1	2.3	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Trichloroethene	SW8260B	1	1.8	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	11/08/22	14:47	BP	470646
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Tetrachloroethene	SW8260B	1	1.7	10	ND		ug/Kg	11/08/22	14:47	BP	470646
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	11/08/22	14:47	BP	470646



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	DRUM	Lab Sample ID:	2211079-001A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 /		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 11/8/22	10:53:00AM
Prep Batch ID: 1146600	Prep Analyst:	BPATEL

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	11/08/22	14:47	BP	470646
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	11/08/22	14:47	BP	470646
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	11/08/22	14:47	BP	470646
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	11/08/22	14:47	BP	470646
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	11/08/22	14:47	BP	470646
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	11/08/22	14:47	BP	470646
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	11/08/22	14:47	BP	470646
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	11/08/22	14:47	BP	470646
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	11/08/22	14:47	BP	470646
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	11/08/22	14:47	BP	470646
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	11/08/22	14:47	BP	470646
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	11/08/22	14:47	BP	470646
2-Butanone	SW8260B	1	2.3	10.0	ND		ug/Kg	11/08/22	14:47	BP	470646
(S) Dibromofluoromethane	SW8260B		59.8 - 148		102		%	11/08/22	14:47	BP	470646
(S) Toluene-d8	SW8260B		55.2 - 133		100		%	11/08/22	14:47	BP	470646
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		95.3		%	11/08/22	14:47	BP	470646



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	DRUM	Lab Sample ID:	2211079-001A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 /		
SDG:			

Prep Method: 5035GRO	Prep Batch Date/Time: 11/8/22	10:53:00AM
Prep Batch ID: 1146601	Prep Analyst: BPATEL	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Gasoline	SW8260B(TPH)	1	43	100	ND		ug/Kg	11/08/22	14:47	BP	470646
(S) 4-Bromofluorobenzene	SW8260B(TPH)		43.9 - 127		63.5		%	11/08/22	14:47	BP	470646



MB Summary Report

Work Order:	2211079	Prep Method:	3546_OCP	Prep Date:	11/08/22	Prep Batch:	1146562
Matrix:	Soil	Analytical Method:	SW8081B	Analyzed Date:	11/8/2022	Analytical Batch:	470643
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
alpha-BHC	0.25	2.0	ND		
gamma-BHC (Lindane)	0.71	2.0	ND		
beta-BHC	0.44	2.0	ND		
delta-BHC	0.65	2.0	ND		
Heptachlor	0.27	2.0	ND		
Aldrin	0.29	2.0	ND		
Heptachlor Epoxide	0.31	2.0	ND		
gamma-Chlordane	1.5	3.0	ND		
alpha-Chlordane	0.36	2.0	ND		
4,4'-DDE	0.61	2.0	ND		
Endosulfan I	0.29	2.0	ND		
Dieldrin	0.25	2.0	ND		
Endrin	0.79	2.0	ND		
4,4'-DDD	0.64	2.0	ND		
Endosulfan II	0.34	2.0	ND		
4,4'-DDT	0.74	2.0	ND		
Endrin Aldehyde	0.51	2.0	ND		
Methoxychlor	2.6	6.0	ND		
Endosulfan Sulfate	0.51	2.0	ND		
Endrin Ketone	0.43	2.0	ND		
Chlordane, Technical	13	20	ND		
Toxaphene	22	50	ND		
Tetrachloro-M-Xylene (S)			90.2		
Decachlorobiphenyl (S)			95.0		

Work Order:	2211079	Prep Method:	3546_TPH	Prep Date:	11/08/22	Prep Batch:	1146564
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	11/9/2022	Analytical Batch:	470644
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Diesel	0.66	2.0	1.75		
TPH as Motor Oil	0.76	5.0	3.08		
Pentacosane (S)			83.3		

Work Order:	2211079	Prep Method:	7471BP	Prep Date:	11/08/22	Prep Batch:	1146581
Matrix:	Soil	Analytical Method:	SW7471B	Analyzed Date:	11/9/2022	Analytical Batch:	470668
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Mercury	0.083	0.50	ND		



MB Summary Report

Work Order:	2211079	Prep Method:	3050B	Prep Date:	11/08/22	Prep Batch:	1146583
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	11/9/2022	Analytical Batch:	470654
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Antimony	0.050	5.00	ND		
Arsenic	0.15	1.30	ND		
Barium	0.055	5.00	ND		
Beryllium	0.055	5.00	ND		
Cadmium	0.10	0.750	ND		
Chromium	0.075	5.00	0.090		
Cobalt	0.070	5.00	ND		
Copper	0.20	5.00	ND		
Lead	0.10	3.00	ND		
Molybdenum	0.050	5.00	0.19		
Nickel	0.50	5.00	ND		
Selenium	0.35	1.10	ND		
Silver	0.15	0.500	ND		
Thallium	0.55	5.00	ND		
Vanadium	0.10	5.00	0.11		
Zinc	0.30	5.00	ND		



MB Summary Report

Work Order:	2211079	Prep Method:	5035	Prep Date:	11/08/22	Prep Batch:	1146600
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	11/8/2022	Analytical Batch:	470646
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	
Trichloroethene	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	
Tetrachloroethene	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	
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	



MB Summary Report

Work Order:	2211079	Prep Method:	5035	Prep Date:	11/08/22	Prep Batch:	1146600
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	11/8/2022	Analytical Batch:	470646
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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	2.7		
1,2,3-Trichlorobenzene	1.7	10	ND		
2-Butanone	2.3	10	3.0		
(S) Dibromofluoromethane			96.4		
(S) Toluene-d8			93.6		
(S) 4-Bromofluorobenzene			84.8		

Work Order:	2211079	Prep Method:	5035GRO	Prep Date:	11/08/22	Prep Batch:	1146601
Matrix:	Soil	Analytical Method:	SW8260B(TPH)	Analyzed Date:	11/8/2022	Analytical Batch:	470646
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Gasoline	43	100	ND		
(S) 4-Bromofluorobenzene			95.9		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2211079	Prep Method:	3546_OCP	Prep Date:	11/08/22	Prep Batch:	1146562
Matrix:	Soil	Analytical Method:	SW8081B	Analyzed Date:	11/8/2022	Analytical Batch:	470643
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.16	2.0	ND	40	95.0	96.5	1.57	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	92.6	89.8	3.02	40 - 130	30	
Aldrin	0.20	2.0	ND	40	97.8	101	3.52	25 - 140	30	
delta-BHC	0.15	2.0	ND	40	95.3	99.3	4.11	60 - 130	30	
Heptachlor	0.19	2.0	ND	40	92.1	96.9	5.29	55 - 135	30	
4,4'-DDT	0.13	2.0	ND	40	84.4	91.6	7.95	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	94.9	92.6		48 - 125		
Decachlorobiphenyl (S)				100	99.3	97.7		38 - 135		

Work Order:	2211079	Prep Method:	3546_TPH	Prep Date:	11/08/22	Prep Batch:	1146564
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	11/9/2022	Analytical Batch:	470644
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.66	2.0	1.75	25.0	77.2	81.4	5.54	52 - 115	30	
Pentacosane (S)				200	90.5	102		45 - 130		

Work Order:	2211079	Prep Method:	7471BP	Prep Date:	11/08/22	Prep Batch:	1146581
Matrix:	Soil	Analytical Method:	SW7471B	Analyzed Date:	11/9/2022	Analytical Batch:	470668
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	102	99.7	2.37	85 - 115	30	



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2211079	Prep Method:	3050B	Prep Date:	11/08/22	Prep Batch:	1146583
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	11/9/2022	Analytical Batch:	470654
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	114	112	1.77	80 - 120	30	
Arsenic	0.15	1.30	ND	50	113	110	2.69	80 - 120	30	
Barium	0.055	5.00	ND	50	118	115	2.58	80 - 120	30	
Beryllium	0.055	5.00	ND	50	117	114	2.60	80 - 120	30	
Cadmium	0.10	0.750	ND	50	115	111	3.54	80 - 120	30	
Chromium	0.075	5.00	0.090	50	118	115	2.58	80 - 120	30	
Cobalt	0.070	5.00	ND	50	116	113	2.62	80 - 120	30	
Copper	0.20	5.00	ND	50	118	117	3.36	80 - 120	30	
Lead	0.10	3.00	ND	50	117	114	2.60	80 - 120	30	
Molybdenum	0.050	5.00	0.19	50	119	115	3.42	80 - 120	30	
Nickel	0.50	5.00	ND	50	117	114	2.60	80 - 120	30	
Selenium	0.22	5.00	ND	50	105	102	2.90	80 - 120	30	
Silver	0.15	5.00	ND	50	118	115	2.58	80 - 120	30	
Thallium	0.20	5.00	ND	50	116	113	2.62	80 - 120	30	
Vanadium	0.10	5.00	0.11	50	118	115	2.58	80 - 120	30	
Zinc	0.30	5.00	ND	50	114	111	2.67	80 - 120	30	

Work Order:	2211079	Prep Method:	5035	Prep Date:	11/08/22	Prep Batch:	1146600
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	11/8/2022	Analytical Batch:	470646
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	85.7	87.2	1.62	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	101	101	0.792	66.5 - 135	30	
Trichloroethene	1.8	10	ND	50.0	99.9	104	3.92	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	103	108	4.54	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	107	111	4.22	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	106	108		59.8 - 148		
(S) Toluene-d8				50.0	103	107		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	104	105		55.8 - 141		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2211079	Prep Method:	5035	Prep Date:	11/08/22	Prep Batch:	1146600
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	11/8/2022	Analytical Batch:	470646
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
MTBE	2.34	10.0		50.0	104	106	2.09	70 - 130	30	
Benzene	2.2	10		50.0	101	101	0.792	66.5 - 135	30	
Ethylbenzene	1.65	10.0		50.0	107	111	4.22	70 - 130	30	
Toluene	1.82	10		50.0	103	108	4.54	56.8 - 134	30	
m,p-Xylene	3.16	10.0		100	104	108	3.77	70 - 130	30	
o-Xylene	1.73	10.0		50.0	105	110	4.82	70 - 130	30	
(S) Dibromofluoromethane				50.0	106	108		59.8 - 148		
(S) Toluene-d8				50.0	103	107		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	104	105		55.8 - 141		

Work Order:	2211079	Prep Method:	5035GRO	Prep Date:	11/08/22	Prep Batch:	1146601
Matrix:	Soil	Analytical Method:	SW8260B(TPH)	Analyzed Date:	11/8/2022	Analytical Batch:	470646
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Gasoline	43	100	ND	1000	87.1	90.1	3.39	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	103	99.4		43.9 - 127		



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 100cm ² surface)

LABORATORY QUALIFIERS

<p>B - Indicates when the analyte is found in the associated method or preparation blank</p> <p>D - Surrogate is not recoverable due to the necessary dilution of the sample</p> <p>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.</p> <p>H - Indicates that the recommended holding time for the analyte or compound has been exceeded</p> <p>J - Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative</p> <p>NA - Not Analyzed</p> <p>N/A - Not Applicable</p> <p>ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.</p> <p>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</p> <p>R - The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts</p> <p>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</p> <p>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.</p>



Sample Receipt Checklist

Client Name: Ninyo & Moore

Date and Time Received: 11/7/2022 5:10:00PM

Project Name: Unity Council 2700 International Blvd

Received By: Lorna Imbat

Work Order No.: 2211079

Physically Logged By: Lorna Imbat

Checklist Completed By: Lorna Imbat

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: 4.0 °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:



Login Summary Report

Client ID:	TL5144 Ninyo & Moore	QC Level:	II
Project Name:	Unity Council 2700 International Blvd	TAT Requested:	5+ day:5
Project # :	404102003	Date Received:	11/7/2022
Report Due Date:	11/15/2022	Time Received:	5:10 pm

Comments:
Work Order # : **2211079**

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2211079-001A	DRUM	11/07/22	Soil	05/06/23			Met_S_6010B CAM17 TPHDO_S_8015(Mod) Hg_S_7471B VOC_S_8260B VOC_S_GRO Pest_S_8081OCP	



483 Sinclair Frontage Road
 Milpitas, CA 95035
 Phone: 408.263.5258
 FAX: 408.263.8293
 www.torrentlab.com

CHAIN OF CUSTODY

LAB WORK ORDER NO
 2211079

Reset

NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY.

Company Name: Ninyo & Moore		<input checked="" type="checkbox"/> Env. <input type="checkbox"/> Non Env.	Project #: 404102003	PO#:
Address: 2020 Challenger Drive		Project Name: Unity Council 2700 International Blvd.		
City: Alameda	State: CA	Zip Code: 94501	Comments:	
Telephone: 510-559-0929	Cell:	SAMPLER: Kristina Borg		
REPORT TO: Aubrey Cool	BILL TO: Ninyo & Moore	EMAIL: acool@ninyoandmoore.com		

TURNAROUND TIME: <input type="checkbox"/> 2 - 8 Hours <input type="checkbox"/> 2 Work Days <input checked="" type="checkbox"/> 5 Work Days <input type="checkbox"/> Noon - Nxt Day <input type="checkbox"/> 3 Work Days <input type="checkbox"/> 7 Work Days <input type="checkbox"/> 1 Work Day <input type="checkbox"/> 4 Work Days <input type="checkbox"/> 10 Work Days		SAMPLE TYPE: <input type="checkbox"/> Drinking Water <input type="checkbox"/> Air <input type="checkbox"/> Storm Water <input type="checkbox"/> Waste Water <input type="checkbox"/> Wipe <input type="checkbox"/> Ground Water <input type="checkbox"/> Other <input checked="" type="checkbox"/> Soil <input type="checkbox"/> Product / Bulk		REPORT FORMAT: <input checked="" type="checkbox"/> Level II - Std. <input type="checkbox"/> DoD/DoE Level III <input type="checkbox"/> DoD/DoE Level III <input checked="" type="checkbox"/> Excel - EDD <input type="checkbox"/> EDF <input type="checkbox"/> Client Specific EDD		ANALYSIS REQUESTED
		TPPHid & TPHig by EPA Method 8015M, 777H40 Title 22 Metals by EPA Method 6010B/7471A VOCs by 8260B OCPs by EPA Method 8081				

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPPHid & TPHig by EPA Method 8015M, 777H40	Title 22 Metals by EPA Method 6010B/7471A	VOCs by 8260B	OCPs by EPA Method 8081	REMARKS
-001A		DRUM	11/07/2022	Soil	1	8oz jar	✓	✓	✓	✓	

1	Relinquished By: Kristina Borg	Print:	Date: 11/07/2022	Time: 1710	Received By: [Signature]	Print: L. D. Imbat	Date: 11-7-22	Time: 1710
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Cooler Temperature 44#3 °C Samples Received on ice? Yes No Method of Shipment D/b

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made. Page 1 of 1
 QA-F-065, Rev 1.0, TLICD-959



Ninyo & Moore
2020 Challenger Drive, Suite 103
Alameda, California 94501
Tel: 510-343-3000
RE: Unity Council 2700 International Blvd

Work Order No.: 2211080

Dear Aubrey Cool:

Torrent Laboratory, Inc. received 20 sample(s) on November 07, 2022 for the analyses presented in the following Report.

5 samples are On hold.

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.

A handwritten signature in blue ink that reads "Kathie Evans". The signature is written in a cursive style.

Kathie Evans
Project Manager

November 15, 2022

Date



Date: 11/15/2022

Client: Ninyo & Moore

Project: Unity Council 2700 International Blvd

Work Order: 2211080

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.

Analytical Comments for method 6010B, 2211080-001 MS/MSD, QC Preparation Batch ID 1146583, Note: The % recoveries for a number of metals are outside of laboratory control limits. The associated LCS/LCSD is within both % Recovery and RPD limits. No corrective action required.



Sample Result Summary

Report prepared for: Aubrey Cool
Ninyo & Moore

Date Received: 11/07/22

Date Reported: 11/15/22

SB-9-0.0-0.5

2211080-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	14.5	mg/Kg
Barium	SW6010B	1	0.055	5.00	139	mg/Kg
Cadmium	SW6010B	1	0.10	0.750	0.915	mg/Kg
Chromium	SW6010B	1	0.075	5.00	39.6	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	12.7	mg/Kg
Copper	SW6010B	1	0.20	5.00	23.7	mg/Kg
Lead	SW6010B	1	0.10	3.00	102	mg/Kg
Nickel	SW6010B	1	0.50	5.00	44.6	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	48.0	mg/Kg
Zinc	SW6010B	1	0.30	5.00	136	mg/Kg
TPH as Diesel	SW8015B	4	27	80	146	mg/Kg

SB-9-2.5-3.0

2211080-002

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	8.65	mg/Kg
Barium	SW6010B	1	0.055	5.00	228	mg/Kg
Chromium	SW6010B	1	0.075	5.00	83.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	17.2	mg/Kg
Copper	SW6010B	1	0.20	5.00	33.8	mg/Kg
Lead	SW6010B	1	0.10	3.00	29.7	mg/Kg
Nickel	SW6010B	1	0.50	5.00	130	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	49.7	mg/Kg
Zinc	SW6010B	1	0.30	5.00	76.0	mg/Kg

SB-9-4.5-5.0

2211080-003

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	7.65	mg/Kg
Barium	SW6010B	1	0.055	5.00	187	mg/Kg
Chromium	SW6010B	1	0.075	5.00	78.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	14.8	mg/Kg
Copper	SW6010B	1	0.20	5.00	28.6	mg/Kg
Lead	SW6010B	1	0.10	3.00	10.7	mg/Kg
Nickel	SW6010B	1	0.50	5.00	114	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	48.4	mg/Kg
Zinc	SW6010B	1	0.30	5.00	60.0	mg/Kg



Sample Result Summary

Report prepared for: Aubrey Cool
Ninyo & Moore

Date Received: 11/07/22

Date Reported: 11/15/22

SB-10-0.0-0.5

2211080-005

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	4.73	mg/Kg
Barium	SW6010B	1	0.055	5.00	97.5	mg/Kg
Cadmium	SW6010B	1	0.10	0.750	0.790	mg/Kg
Chromium	SW6010B	1	0.075	5.00	18.7	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	13.1	mg/Kg
Copper	SW6010B	1	0.20	5.00	18.7	mg/Kg
Lead	SW6010B	1	0.10	3.00	10.6	mg/Kg
Nickel	SW6010B	1	0.50	5.00	22.8	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	55.5	mg/Kg
Zinc	SW6010B	1	0.30	5.00	94.0	mg/Kg
TPH as Diesel	SW8015B	1	6.6	20	67.4	mg/Kg

SB-10-2.5-3.0

2211080-006

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	7.95	mg/Kg
Barium	SW6010B	1	0.055	5.00	203	mg/Kg
Chromium	SW6010B	1	0.075	5.00	78.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	15.5	mg/Kg
Copper	SW6010B	1	0.20	5.00	32.0	mg/Kg
Lead	SW6010B	1	0.10	3.00	11.6	mg/Kg
Nickel	SW6010B	1	0.50	5.00	120	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	52.0	mg/Kg
Zinc	SW6010B	1	0.30	5.00	70.5	mg/Kg

SB-10-4.5-5.0

2211080-007

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	6.55	mg/Kg
Barium	SW6010B	1	0.055	5.00	208	mg/Kg
Chromium	SW6010B	1	0.075	5.00	87.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	17.0	mg/Kg
Copper	SW6010B	1	0.20	5.00	26.9	mg/Kg
Lead	SW6010B	1	0.10	3.00	9.50	mg/Kg
Nickel	SW6010B	1	0.50	5.00	121	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	52.0	mg/Kg
Zinc	SW6010B	1	0.30	5.00	51.5	mg/Kg



Sample Result Summary

Report prepared for: Aubrey Cool
Ninyo & Moore

Date Received: 11/07/22

Date Reported: 11/15/22

SB-11-0.0-0.5

2211080-009

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	7.80	mg/Kg
Barium	SW6010B	1	0.055	5.00	237	mg/Kg
Cadmium	SW6010B	1	0.10	0.750	0.905	mg/Kg
Chromium	SW6010B	1	0.075	5.00	27.0	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	13.2	mg/Kg
Copper	SW6010B	1	0.20	5.00	43.5	mg/Kg
Lead	SW6010B	1	0.10	3.00	236	mg/Kg
Nickel	SW6010B	1	0.50	5.00	38.0	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	42.6	mg/Kg
Zinc	SW6010B	1	0.30	5.00	179	mg/Kg
TPH as Diesel	SW8015B	1	6.6	20	42.2	mg/Kg
alpha-Chlordane	SW8081B	10	3.6	20	4.46	ug/Kg

SB-11-2.5-3.0

2211080-010

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	5.50	mg/Kg
Barium	SW6010B	1	0.055	5.00	164	mg/Kg
Chromium	SW6010B	1	0.075	5.00	44.1	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	10.2	mg/Kg
Copper	SW6010B	1	0.20	5.00	24.6	mg/Kg
Lead	SW6010B	1	0.10	3.00	136	mg/Kg
Nickel	SW6010B	1	0.50	5.00	71.0	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	34.0	mg/Kg
Zinc	SW6010B	1	0.30	5.00	128	mg/Kg

SB-11-4.5-5.0

2211080-011

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	8.05	mg/Kg
Barium	SW6010B	1	0.055	5.00	210	mg/Kg
Chromium	SW6010B	1	0.075	5.00	75.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	16.5	mg/Kg
Copper	SW6010B	1	0.20	5.00	32.3	mg/Kg
Lead	SW6010B	1	0.10	3.00	18.2	mg/Kg
Nickel	SW6010B	1	0.50	5.00	124	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	51.0	mg/Kg
Zinc	SW6010B	1	0.30	5.00	71.0	mg/Kg



Sample Result Summary

Report prepared for: Aubrey Cool
Ninyo & Moore

Date Received: 11/07/22

Date Reported: 11/15/22

SB-12-0.0-0.5

2211080-013

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	10.2	mg/Kg
Barium	SW6010B	1	0.055	5.00	243	mg/Kg
Chromium	SW6010B	1	0.075	5.00	72.0	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	13.3	mg/Kg
Copper	SW6010B	1	0.20	5.00	50.5	mg/Kg
Lead	SW6010B	1	0.10	3.00	167	mg/Kg
Nickel	SW6010B	1	0.50	5.00	115	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	48.4	mg/Kg
Zinc	SW6010B	1	0.30	5.00	148	mg/Kg
Mercury	SW7471B	1	0.083	0.50	0.81	mg/Kg

SB-12-2.5-3.0

2211080-014

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	7.65	mg/Kg
Barium	SW6010B	1	0.055	5.00	237	mg/Kg
Chromium	SW6010B	1	0.075	5.00	88.0	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	19.1	mg/Kg
Copper	SW6010B	1	0.20	5.00	31.8	mg/Kg
Lead	SW6010B	1	0.10	3.00	10.0	mg/Kg
Nickel	SW6010B	1	0.50	5.00	141	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	54.5	mg/Kg
Zinc	SW6010B	1	0.30	5.00	60.0	mg/Kg

SB-13-0.0-0.5

2211080-016

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	8.85	mg/Kg
Barium	SW6010B	1	0.055	5.00	232	mg/Kg
Chromium	SW6010B	1	0.075	5.00	114	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	15.4	mg/Kg
Copper	SW6010B	1	0.20	5.00	33.1	mg/Kg
Lead	SW6010B	1	0.10	3.00	54.0	mg/Kg
Nickel	SW6010B	1	0.50	5.00	115	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	50.0	mg/Kg
Zinc	SW6010B	1	0.30	5.00	79.5	mg/Kg
gamma-Chlordane	SW8081B	10	15	30	52.7	ug/Kg
alpha-Chlordane	SW8081B	10	3.6	20	39.4	ug/Kg
Dieldrin	SW8081B	10	2.5	20	8.87	ug/Kg
Chlordane, Technical	SW8081B	10	130	200	393	ug/Kg



Sample Result Summary

Report prepared for: Aubrey Cool
Ninyo & Moore

Date Received: 11/07/22

Date Reported: 11/15/22

SB-13-2.5-3.0

2211080-017

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	8.45	mg/Kg
Barium	SW6010B	1	0.055	5.00	197	mg/Kg
Chromium	SW6010B	1	0.075	5.00	88.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	21.5	mg/Kg
Copper	SW6010B	1	0.20	5.00	32.3	mg/Kg
Lead	SW6010B	1	0.10	3.00	10.6	mg/Kg
Nickel	SW6010B	1	0.50	5.00	139	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	54.0	mg/Kg
Zinc	SW6010B	1	0.30	5.00	59.0	mg/Kg

SB-14-0.0-0.5

2211080-019

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	11.7	mg/Kg
Barium	SW6010B	1	0.055	5.00	255	mg/Kg
Cadmium	SW6010B	1	0.10	0.750	0.805	mg/Kg
Chromium	SW6010B	1	0.075	5.00	66.0	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	13.5	mg/Kg
Copper	SW6010B	1	0.20	5.00	45.2	mg/Kg
Lead	SW6010B	1	0.10	3.00	331	mg/Kg
Nickel	SW6010B	1	0.50	5.00	98.0	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	44.9	mg/Kg
Zinc	SW6010B	1	0.30	5.00	208	mg/Kg

SB-14-2.5-3.0

2211080-020

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	7.00	mg/Kg
Barium	SW6010B	1	0.055	5.00	197	mg/Kg
Chromium	SW6010B	1	0.075	5.00	80.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	13.8	mg/Kg
Copper	SW6010B	1	0.20	5.00	28.7	mg/Kg
Lead	SW6010B	1	0.10	3.00	9.70	mg/Kg
Nickel	SW6010B	1	0.50	5.00	113	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	47.1	mg/Kg
Zinc	SW6010B	1	0.30	5.00	62.0	mg/Kg



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-9-0.0-0.5	Lab Sample ID:	2211080-001A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 10:05		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22 2:10:00PM
Prep Batch ID: 1146581	Prep Analyst: AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	13:13	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-9-0.0-0.5	Lab Sample ID:	2211080-001A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 10:05		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	12:55	AT	470654
Arsenic	SW6010B	1	0.15	1.30	14.5		mg/Kg	11/09/22	12:55	AT	470654
Barium	SW6010B	1	0.055	5.00	139		mg/Kg	11/09/22	12:55	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	12:55	AT	470654
Cadmium	SW6010B	1	0.10	0.750	0.915		mg/Kg	11/09/22	12:55	AT	470654
Chromium	SW6010B	1	0.075	5.00	39.6		mg/Kg	11/09/22	12:55	AT	470654
Cobalt	SW6010B	1	0.070	5.00	12.7		mg/Kg	11/09/22	12:55	AT	470654
Copper	SW6010B	1	0.20	5.00	23.7		mg/Kg	11/09/22	12:55	AT	470654
Lead	SW6010B	1	0.10	3.00	102		mg/Kg	11/09/22	12:55	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	12:55	AT	470654
Nickel	SW6010B	1	0.50	5.00	44.6		mg/Kg	11/09/22	12:55	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	12:55	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	12:55	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	12:55	AT	470654
Vanadium	SW6010B	1	0.10	5.00	48.0		mg/Kg	11/09/22	12:55	AT	470654
Zinc	SW6010B	1	0.30	5.00	136		mg/Kg	11/09/22	12:55	AT	470654



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-9-0.0-0.5	Lab Sample ID:	2211080-001A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 10:05		
SDG:			

Prep Method: 3546_TPH	Prep Batch Date/Time: 11/8/22	10:39:00AM
Prep Batch ID: 1146564	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	4	27	80	146	x	mg/Kg	11/10/22	1:39	LA	470644
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		0,000	D	%	11/10/22	1:39	LA	470644

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-9-2.5-3.0	Lab Sample ID:	2211080-002A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 10:07		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146581	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	13:19	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-9-2.5-3.0	Lab Sample ID:	2211080-002A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 10:07		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:00	AT	470654
Arsenic	SW6010B	1	0.15	1.30	8.65		mg/Kg	11/09/22	13:00	AT	470654
Barium	SW6010B	1	0.055	5.00	228		mg/Kg	11/09/22	13:00	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:00	AT	470654
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:00	AT	470654
Chromium	SW6010B	1	0.075	5.00	83.5		mg/Kg	11/09/22	13:00	AT	470654
Cobalt	SW6010B	1	0.070	5.00	17.2		mg/Kg	11/09/22	13:00	AT	470654
Copper	SW6010B	1	0.20	5.00	33.8		mg/Kg	11/09/22	13:00	AT	470654
Lead	SW6010B	1	0.10	3.00	29.7		mg/Kg	11/09/22	13:00	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:00	AT	470654
Nickel	SW6010B	1	0.50	5.00	130		mg/Kg	11/09/22	13:00	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:00	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:00	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:00	AT	470654
Vanadium	SW6010B	1	0.10	5.00	49.7		mg/Kg	11/09/22	13:00	AT	470654
Zinc	SW6010B	1	0.30	5.00	76.0		mg/Kg	11/09/22	13:00	AT	470654



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-9-4.5-5.0	Lab Sample ID:	2211080-003A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 10:09		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146581	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	13:21	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-9-4.5-5.0	Lab Sample ID:	2211080-003A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 10:09		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:01	AT	470654
Arsenic	SW6010B	1	0.15	1.30	7.65		mg/Kg	11/09/22	13:01	AT	470654
Barium	SW6010B	1	0.055	5.00	187		mg/Kg	11/09/22	13:01	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:01	AT	470654
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:01	AT	470654
Chromium	SW6010B	1	0.075	5.00	78.5		mg/Kg	11/09/22	13:01	AT	470654
Cobalt	SW6010B	1	0.070	5.00	14.8		mg/Kg	11/09/22	13:01	AT	470654
Copper	SW6010B	1	0.20	5.00	28.6		mg/Kg	11/09/22	13:01	AT	470654
Lead	SW6010B	1	0.10	3.00	10.7		mg/Kg	11/09/22	13:01	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:01	AT	470654
Nickel	SW6010B	1	0.50	5.00	114		mg/Kg	11/09/22	13:01	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:01	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:01	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:01	AT	470654
Vanadium	SW6010B	1	0.10	5.00	48.4		mg/Kg	11/09/22	13:01	AT	470654
Zinc	SW6010B	1	0.30	5.00	60.0		mg/Kg	11/09/22	13:01	AT	470654



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-10-0.0-0.5	Lab Sample ID:	2211080-005A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 11:15		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146581	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	13:24	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-10-0.0-0.5	Lab Sample ID:	2211080-005A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 11:15		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:03	AT	470654
Arsenic	SW6010B	1	0.15	1.30	4.73		mg/Kg	11/09/22	13:03	AT	470654
Barium	SW6010B	1	0.055	5.00	97.5		mg/Kg	11/09/22	13:03	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:03	AT	470654
Cadmium	SW6010B	1	0.10	0.750	0.790		mg/Kg	11/09/22	13:03	AT	470654
Chromium	SW6010B	1	0.075	5.00	18.7		mg/Kg	11/09/22	13:03	AT	470654
Cobalt	SW6010B	1	0.070	5.00	13.1		mg/Kg	11/09/22	13:03	AT	470654
Copper	SW6010B	1	0.20	5.00	18.7		mg/Kg	11/09/22	13:03	AT	470654
Lead	SW6010B	1	0.10	3.00	10.6		mg/Kg	11/09/22	13:03	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:03	AT	470654
Nickel	SW6010B	1	0.50	5.00	22.8		mg/Kg	11/09/22	13:03	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:03	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:03	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:03	AT	470654
Vanadium	SW6010B	1	0.10	5.00	55.5		mg/Kg	11/09/22	13:03	AT	470654
Zinc	SW6010B	1	0.30	5.00	94.0		mg/Kg	11/09/22	13:03	AT	470654



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-10-0.0-0.5	Lab Sample ID:	2211080-005A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 11:15		
SDG:			

Prep Method: 3546_TPH	Prep Batch Date/Time: 11/8/22	10:39:00AM
Prep Batch ID: 1146564	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	6.6	20	67.4	x	mg/Kg	11/09/22	8:05	LA	470644
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		57.9		%	11/09/22	8:05	LA	470644

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-10-2.5-3.0	Lab Sample ID:	2211080-006A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 11:17		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146581	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	13:26	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-10-2.5-3.0	Lab Sample ID:	2211080-006A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 11:17		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:05	AT	470654
Arsenic	SW6010B	1	0.15	1.30	7.95		mg/Kg	11/09/22	13:05	AT	470654
Barium	SW6010B	1	0.055	5.00	203		mg/Kg	11/09/22	13:05	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:05	AT	470654
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:05	AT	470654
Chromium	SW6010B	1	0.075	5.00	78.5		mg/Kg	11/09/22	13:05	AT	470654
Cobalt	SW6010B	1	0.070	5.00	15.5		mg/Kg	11/09/22	13:05	AT	470654
Copper	SW6010B	1	0.20	5.00	32.0		mg/Kg	11/09/22	13:05	AT	470654
Lead	SW6010B	1	0.10	3.00	11.6		mg/Kg	11/09/22	13:05	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:05	AT	470654
Nickel	SW6010B	1	0.50	5.00	120		mg/Kg	11/09/22	13:05	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:05	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:05	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:05	AT	470654
Vanadium	SW6010B	1	0.10	5.00	52.0		mg/Kg	11/09/22	13:05	AT	470654
Zinc	SW6010B	1	0.30	5.00	70.5		mg/Kg	11/09/22	13:05	AT	470654



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-10-4.5-5.0	Lab Sample ID:	2211080-007A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 11:19		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22 2:10:00PM
Prep Batch ID: 1146581	Prep Analyst: AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	13:28	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-10-4.5-5.0	Lab Sample ID:	2211080-007A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 11:19		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:10	AT	470654
Arsenic	SW6010B	1	0.15	1.30	6.55		mg/Kg	11/09/22	13:10	AT	470654
Barium	SW6010B	1	0.055	5.00	208		mg/Kg	11/09/22	13:10	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:10	AT	470654
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:10	AT	470654
Chromium	SW6010B	1	0.075	5.00	87.5		mg/Kg	11/09/22	13:10	AT	470654
Cobalt	SW6010B	1	0.070	5.00	17.0		mg/Kg	11/09/22	13:10	AT	470654
Copper	SW6010B	1	0.20	5.00	26.9		mg/Kg	11/09/22	13:10	AT	470654
Lead	SW6010B	1	0.10	3.00	9.50		mg/Kg	11/09/22	13:10	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:10	AT	470654
Nickel	SW6010B	1	0.50	5.00	121		mg/Kg	11/09/22	13:10	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:10	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:10	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:10	AT	470654
Vanadium	SW6010B	1	0.10	5.00	52.0		mg/Kg	11/09/22	13:10	AT	470654
Zinc	SW6010B	1	0.30	5.00	51.5		mg/Kg	11/09/22	13:10	AT	470654



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-11-0.0-0.5	Lab Sample ID:	2211080-009A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:07		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146581	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	13:35	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-11-0.0-0.5	Lab Sample ID:	2211080-009A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:07		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:11	AT	470654
Arsenic	SW6010B	1	0.15	1.30	7.80		mg/Kg	11/09/22	13:11	AT	470654
Barium	SW6010B	1	0.055	5.00	237		mg/Kg	11/09/22	13:11	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:11	AT	470654
Cadmium	SW6010B	1	0.10	0.750	0.905		mg/Kg	11/09/22	13:11	AT	470654
Chromium	SW6010B	1	0.075	5.00	27.0		mg/Kg	11/09/22	13:11	AT	470654
Cobalt	SW6010B	1	0.070	5.00	13.2		mg/Kg	11/09/22	13:11	AT	470654
Copper	SW6010B	1	0.20	5.00	43.5		mg/Kg	11/09/22	13:11	AT	470654
Lead	SW6010B	1	0.10	3.00	236		mg/Kg	11/09/22	13:11	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:11	AT	470654
Nickel	SW6010B	1	0.50	5.00	38.0		mg/Kg	11/09/22	13:11	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:11	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:11	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:11	AT	470654
Vanadium	SW6010B	1	0.10	5.00	42.6		mg/Kg	11/09/22	13:11	AT	470654
Zinc	SW6010B	1	0.30	5.00	179		mg/Kg	11/09/22	13:11	AT	470654



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-11-0.0-0.5	Lab Sample ID:	2211080-009A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:07		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 11/8/22	10:14:00AM
Prep Batch ID: 1146562	Prep Analyst: AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

alpha-BHC	SW8081B	10	2.5	20	ND		ug/Kg	11/08/22	23:34	LA	470643
gamma-BHC (Lindane)	SW8081B	10	7.1	20	ND		ug/Kg	11/08/22	23:34	LA	470643
beta-BHC	SW8081B	10	4.4	20	ND		ug/Kg	11/08/22	23:34	LA	470643
delta-BHC	SW8081B	10	6.5	20	ND		ug/Kg	11/08/22	23:34	LA	470643
Heptachlor	SW8081B	10	2.7	20	ND		ug/Kg	11/08/22	23:34	LA	470643
Aldrin	SW8081B	10	2.9	20	ND		ug/Kg	11/08/22	23:34	LA	470643
Heptachlor Epoxide	SW8081B	10	3.1	20	ND		ug/Kg	11/08/22	23:34	LA	470643
gamma-Chlordane	SW8081B	10	15	30	ND		ug/Kg	11/08/22	23:34	LA	470643
alpha-Chlordane	SW8081B	10	3.6	20	4.46	J	ug/Kg	11/08/22	23:34	LA	470643
4,4'-DDE	SW8081B	10	6.1	20	ND		ug/Kg	11/08/22	23:34	LA	470643
Endosulfan I	SW8081B	10	2.9	20	ND		ug/Kg	11/08/22	23:34	LA	470643
Dieldrin	SW8081B	10	2.5	20	ND		ug/Kg	11/08/22	23:34	LA	470643
Endrin	SW8081B	10	7.9	20	ND		ug/Kg	11/08/22	23:34	LA	470643
4,4'-DDD	SW8081B	10	6.4	20	ND		ug/Kg	11/08/22	23:34	LA	470643
Endosulfan II	SW8081B	10	3.4	20	ND		ug/Kg	11/08/22	23:34	LA	470643
4,4'-DDT	SW8081B	10	7.4	20	ND		ug/Kg	11/08/22	23:34	LA	470643
Endrin Aldehyde	SW8081B	10	5.1	20	ND		ug/Kg	11/08/22	23:34	LA	470643
Methoxychlor	SW8081B	10	26	60	ND		ug/Kg	11/08/22	23:34	LA	470643
Endosulfan Sulfate	SW8081B	10	5.1	20	ND		ug/Kg	11/08/22	23:34	LA	470643
Endrin Ketone	SW8081B	10	4.3	20	ND		ug/Kg	11/08/22	23:34	LA	470643
Chlordane, Technical	SW8081B	10	130	200	ND		ug/Kg	11/08/22	23:34	LA	470643
Toxaphene	SW8081B	10	220	500	ND		ug/Kg	11/08/22	23:34	LA	470643
Acceptance Limits											
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		75.2		%	11/08/22	23:34	LA	470643
Decachlorobiphenyl (S)	SW8081B		38 - 135		75.3		%	11/08/22	23:34	LA	470643

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-11-0.0-0.5	Lab Sample ID:	2211080-009A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:07		
SDG:			

Prep Method: 3546_TPH	Prep Batch Date/Time: 11/8/22	10:39:00AM
Prep Batch ID: 1146564	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	6.6	20	42.2	x	mg/Kg	11/09/22	8:29	LA	470644
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		46.5		%	11/09/22	8:29	LA	470644

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-11-2.5-3.0	Lab Sample ID:	2211080-010A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:10		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22 2:10:00PM
Prep Batch ID: 1146581	Prep Analyst: AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	13:37	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-11-2.5-3.0	Lab Sample ID:	2211080-010A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:10		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:13	AT	470654
Arsenic	SW6010B	1	0.15	1.30	5.50		mg/Kg	11/09/22	13:13	AT	470654
Barium	SW6010B	1	0.055	5.00	164		mg/Kg	11/09/22	13:13	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:13	AT	470654
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:13	AT	470654
Chromium	SW6010B	1	0.075	5.00	44.1		mg/Kg	11/09/22	13:13	AT	470654
Cobalt	SW6010B	1	0.070	5.00	10.2		mg/Kg	11/09/22	13:13	AT	470654
Copper	SW6010B	1	0.20	5.00	24.6		mg/Kg	11/09/22	13:13	AT	470654
Lead	SW6010B	1	0.10	3.00	136		mg/Kg	11/09/22	13:13	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:13	AT	470654
Nickel	SW6010B	1	0.50	5.00	71.0		mg/Kg	11/09/22	13:13	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:13	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:13	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:13	AT	470654
Vanadium	SW6010B	1	0.10	5.00	34.0		mg/Kg	11/09/22	13:13	AT	470654
Zinc	SW6010B	1	0.30	5.00	128		mg/Kg	11/09/22	13:13	AT	470654



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-11-4.5-5.0	Lab Sample ID:	2211080-011A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:13		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146581	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	13:40	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-11-4.5-5.0	Lab Sample ID:	2211080-011A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:13		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:15	AT	470654
Arsenic	SW6010B	1	0.15	1.30	8.05		mg/Kg	11/09/22	13:15	AT	470654
Barium	SW6010B	1	0.055	5.00	210		mg/Kg	11/09/22	13:15	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:15	AT	470654
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:15	AT	470654
Chromium	SW6010B	1	0.075	5.00	75.5		mg/Kg	11/09/22	13:15	AT	470654
Cobalt	SW6010B	1	0.070	5.00	16.5		mg/Kg	11/09/22	13:15	AT	470654
Copper	SW6010B	1	0.20	5.00	32.3		mg/Kg	11/09/22	13:15	AT	470654
Lead	SW6010B	1	0.10	3.00	18.2		mg/Kg	11/09/22	13:15	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:15	AT	470654
Nickel	SW6010B	1	0.50	5.00	124		mg/Kg	11/09/22	13:15	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:15	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:15	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:15	AT	470654
Vanadium	SW6010B	1	0.10	5.00	51.0		mg/Kg	11/09/22	13:15	AT	470654
Zinc	SW6010B	1	0.30	5.00	71.0		mg/Kg	11/09/22	13:15	AT	470654



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-12-0.0-0.5	Lab Sample ID:	2211080-013A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 10:10		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146581	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	0.81		mg/Kg	11/09/22	13:42	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-12-0.0-0.5	Lab Sample ID:	2211080-013A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 10:10		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:16	AT	470654
Arsenic	SW6010B	1	0.15	1.30	10.2		mg/Kg	11/09/22	13:16	AT	470654
Barium	SW6010B	1	0.055	5.00	243		mg/Kg	11/09/22	13:16	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:16	AT	470654
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:16	AT	470654
Chromium	SW6010B	1	0.075	5.00	72.0		mg/Kg	11/09/22	13:16	AT	470654
Cobalt	SW6010B	1	0.070	5.00	13.3		mg/Kg	11/09/22	13:16	AT	470654
Copper	SW6010B	1	0.20	5.00	50.5		mg/Kg	11/09/22	13:16	AT	470654
Lead	SW6010B	1	0.10	3.00	167		mg/Kg	11/09/22	13:16	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:16	AT	470654
Nickel	SW6010B	1	0.50	5.00	115		mg/Kg	11/09/22	13:16	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:16	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:16	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:16	AT	470654
Vanadium	SW6010B	1	0.10	5.00	48.4		mg/Kg	11/09/22	13:16	AT	470654
Zinc	SW6010B	1	0.30	5.00	148		mg/Kg	11/09/22	13:16	AT	470654



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-12-2.5-3.0	Lab Sample ID:	2211080-014A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 10:13		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146581	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	13:44	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-12-2.5-3.0	Lab Sample ID:	2211080-014A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 10:13		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:18	AT	470654
Arsenic	SW6010B	1	0.15	1.30	7.65		mg/Kg	11/09/22	13:18	AT	470654
Barium	SW6010B	1	0.055	5.00	237		mg/Kg	11/09/22	13:18	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:18	AT	470654
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:18	AT	470654
Chromium	SW6010B	1	0.075	5.00	88.0		mg/Kg	11/09/22	13:18	AT	470654
Cobalt	SW6010B	1	0.070	5.00	19.1		mg/Kg	11/09/22	13:18	AT	470654
Copper	SW6010B	1	0.20	5.00	31.8		mg/Kg	11/09/22	13:18	AT	470654
Lead	SW6010B	1	0.10	3.00	10.0		mg/Kg	11/09/22	13:18	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:18	AT	470654
Nickel	SW6010B	1	0.50	5.00	141		mg/Kg	11/09/22	13:18	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:18	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:18	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:18	AT	470654
Vanadium	SW6010B	1	0.10	5.00	54.5		mg/Kg	11/09/22	13:18	AT	470654
Zinc	SW6010B	1	0.30	5.00	60.0		mg/Kg	11/09/22	13:18	AT	470654



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-13-0.0-0.5	Lab Sample ID:	2211080-016A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 12:00		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146581	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	13:46	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-13-0.0-0.5	Lab Sample ID:	2211080-016A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 12:00		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:20	AT	470654
Arsenic	SW6010B	1	0.15	1.30	8.85		mg/Kg	11/09/22	13:20	AT	470654
Barium	SW6010B	1	0.055	5.00	232		mg/Kg	11/09/22	13:20	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:20	AT	470654
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:20	AT	470654
Chromium	SW6010B	1	0.075	5.00	114		mg/Kg	11/09/22	13:20	AT	470654
Cobalt	SW6010B	1	0.070	5.00	15.4		mg/Kg	11/09/22	13:20	AT	470654
Copper	SW6010B	1	0.20	5.00	33.1		mg/Kg	11/09/22	13:20	AT	470654
Lead	SW6010B	1	0.10	3.00	54.0		mg/Kg	11/09/22	13:20	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:20	AT	470654
Nickel	SW6010B	1	0.50	5.00	115		mg/Kg	11/09/22	13:20	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:20	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:20	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:20	AT	470654
Vanadium	SW6010B	1	0.10	5.00	50.0		mg/Kg	11/09/22	13:20	AT	470654
Zinc	SW6010B	1	0.30	5.00	79.5		mg/Kg	11/09/22	13:20	AT	470654



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-13-0.0-0.5	Lab Sample ID:	2211080-016A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 12:00		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 11/8/22	10:14:00AM
Prep Batch ID: 1146562	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

alpha-BHC	SW8081B	10	2.5	20	ND		ug/Kg	11/08/22	23:47	LA	470643
gamma-BHC (Lindane)	SW8081B	10	7.1	20	ND		ug/Kg	11/08/22	23:47	LA	470643
beta-BHC	SW8081B	10	4.4	20	ND		ug/Kg	11/08/22	23:47	LA	470643
delta-BHC	SW8081B	10	6.5	20	ND		ug/Kg	11/08/22	23:47	LA	470643
Heptachlor	SW8081B	10	2.7	20	ND		ug/Kg	11/08/22	23:47	LA	470643
Aldrin	SW8081B	10	2.9	20	ND		ug/Kg	11/08/22	23:47	LA	470643
Heptachlor Epoxide	SW8081B	10	3.1	20	ND		ug/Kg	11/08/22	23:47	LA	470643
gamma-Chlordane	SW8081B	10	15	30	52.7		ug/Kg	11/08/22	23:47	LA	470643
alpha-Chlordane	SW8081B	10	3.6	20	39.4		ug/Kg	11/08/22	23:47	LA	470643
4,4'-DDE	SW8081B	10	6.1	20	ND		ug/Kg	11/08/22	23:47	LA	470643
Endosulfan I	SW8081B	10	2.9	20	ND		ug/Kg	11/08/22	23:47	LA	470643
Dieldrin	SW8081B	10	2.5	20	8.87	J	ug/Kg	11/08/22	23:47	LA	470643
Endrin	SW8081B	10	7.9	20	ND		ug/Kg	11/08/22	23:47	LA	470643
4,4'-DDD	SW8081B	10	6.4	20	ND		ug/Kg	11/08/22	23:47	LA	470643
Endosulfan II	SW8081B	10	3.4	20	ND		ug/Kg	11/08/22	23:47	LA	470643
4,4'-DDT	SW8081B	10	7.4	20	ND		ug/Kg	11/08/22	23:47	LA	470643
Endrin Aldehyde	SW8081B	10	5.1	20	ND		ug/Kg	11/08/22	23:47	LA	470643
Methoxychlor	SW8081B	10	26	60	ND		ug/Kg	11/08/22	23:47	LA	470643
Endosulfan Sulfate	SW8081B	10	5.1	20	ND		ug/Kg	11/08/22	23:47	LA	470643
Endrin Ketone	SW8081B	10	4.3	20	ND		ug/Kg	11/08/22	23:47	LA	470643
Chlordane, Technical	SW8081B	10	130	200	393		ug/Kg	11/08/22	23:47	LA	470643
Toxaphene	SW8081B	10	220	500	ND		ug/Kg	11/08/22	23:47	LA	470643
Acceptance Limits											
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		79.2		%	11/08/22	23:47	LA	470643
Decachlorobiphenyl (S)	SW8081B		38 - 135		78.8		%	11/08/22	23:47	LA	470643

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-13-2.5-3.0	Lab Sample ID:	2211080-017A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 12:02		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146581	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	13:48	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-13-2.5-3.0	Lab Sample ID:	2211080-017A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 12:02		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:21	AT	470654
Arsenic	SW6010B	1	0.15	1.30	8.45		mg/Kg	11/09/22	13:21	AT	470654
Barium	SW6010B	1	0.055	5.00	197		mg/Kg	11/09/22	13:21	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:21	AT	470654
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:21	AT	470654
Chromium	SW6010B	1	0.075	5.00	88.5		mg/Kg	11/09/22	13:21	AT	470654
Cobalt	SW6010B	1	0.070	5.00	21.5		mg/Kg	11/09/22	13:21	AT	470654
Copper	SW6010B	1	0.20	5.00	32.3		mg/Kg	11/09/22	13:21	AT	470654
Lead	SW6010B	1	0.10	3.00	10.6		mg/Kg	11/09/22	13:21	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:21	AT	470654
Nickel	SW6010B	1	0.50	5.00	139		mg/Kg	11/09/22	13:21	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:21	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:21	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:21	AT	470654
Vanadium	SW6010B	1	0.10	5.00	54.0		mg/Kg	11/09/22	13:21	AT	470654
Zinc	SW6010B	1	0.30	5.00	59.0		mg/Kg	11/09/22	13:21	AT	470654



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-14-0.0-0.5	Lab Sample ID:	2211080-019A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 10:44		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22 2:10:00PM
Prep Batch ID: 1146581	Prep Analyst: AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	13:50	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-14-0.0-0.5	Lab Sample ID:	2211080-019A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 10:44		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:23	AT	470654
Arsenic	SW6010B	1	0.15	1.30	11.7		mg/Kg	11/09/22	13:23	AT	470654
Barium	SW6010B	1	0.055	5.00	255		mg/Kg	11/09/22	13:23	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:23	AT	470654
Cadmium	SW6010B	1	0.10	0.750	0.805		mg/Kg	11/09/22	13:23	AT	470654
Chromium	SW6010B	1	0.075	5.00	66.0		mg/Kg	11/09/22	13:23	AT	470654
Cobalt	SW6010B	1	0.070	5.00	13.5		mg/Kg	11/09/22	13:23	AT	470654
Copper	SW6010B	1	0.20	5.00	45.2		mg/Kg	11/09/22	13:23	AT	470654
Lead	SW6010B	1	0.10	3.00	331		mg/Kg	11/09/22	13:23	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:23	AT	470654
Nickel	SW6010B	1	0.50	5.00	98.0		mg/Kg	11/09/22	13:23	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:23	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:23	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:23	AT	470654
Vanadium	SW6010B	1	0.10	5.00	44.9		mg/Kg	11/09/22	13:23	AT	470654
Zinc	SW6010B	1	0.30	5.00	208		mg/Kg	11/09/22	13:23	AT	470654



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-14-2.5-3.0	Lab Sample ID:	2211080-020A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 10:46		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146581	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	13:52	BJAY	470668



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-14-2.5-3.0	Lab Sample ID:	2211080-020A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 10:46		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146583	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:25	AT	470654
Arsenic	SW6010B	1	0.15	1.30	7.00		mg/Kg	11/09/22	13:25	AT	470654
Barium	SW6010B	1	0.055	5.00	197		mg/Kg	11/09/22	13:25	AT	470654
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:25	AT	470654
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:25	AT	470654
Chromium	SW6010B	1	0.075	5.00	80.5		mg/Kg	11/09/22	13:25	AT	470654
Cobalt	SW6010B	1	0.070	5.00	13.8		mg/Kg	11/09/22	13:25	AT	470654
Copper	SW6010B	1	0.20	5.00	28.7		mg/Kg	11/09/22	13:25	AT	470654
Lead	SW6010B	1	0.10	3.00	9.70		mg/Kg	11/09/22	13:25	AT	470654
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:25	AT	470654
Nickel	SW6010B	1	0.50	5.00	113		mg/Kg	11/09/22	13:25	AT	470654
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:25	AT	470654
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:25	AT	470654
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:25	AT	470654
Vanadium	SW6010B	1	0.10	5.00	47.1		mg/Kg	11/09/22	13:25	AT	470654
Zinc	SW6010B	1	0.30	5.00	62.0		mg/Kg	11/09/22	13:25	AT	470654



MB Summary Report

Work Order:	2211080	Prep Method:	3546_OCP	Prep Date:	11/08/22	Prep Batch:	1146562
Matrix:	Soil	Analytical Method:	SW8081B	Analyzed Date:	11/8/2022	Analytical Batch:	470643
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
alpha-BHC	0.25	2.0	ND		
gamma-BHC (Lindane)	0.71	2.0	ND		
beta-BHC	0.44	2.0	ND		
delta-BHC	0.65	2.0	ND		
Heptachlor	0.27	2.0	ND		
Aldrin	0.29	2.0	ND		
Heptachlor Epoxide	0.31	2.0	ND		
gamma-Chlordane	1.5	3.0	ND		
alpha-Chlordane	0.36	2.0	ND		
4,4'-DDE	0.61	2.0	ND		
Endosulfan I	0.29	2.0	ND		
Dieldrin	0.25	2.0	ND		
Endrin	0.79	2.0	ND		
4,4'-DDD	0.64	2.0	ND		
Endosulfan II	0.34	2.0	ND		
4,4'-DDT	0.74	2.0	ND		
Endrin Aldehyde	0.51	2.0	ND		
Methoxychlor	2.6	6.0	ND		
Endosulfan Sulfate	0.51	2.0	ND		
Endrin Ketone	0.43	2.0	ND		
Chlordane, Technical	13	20	ND		
Toxaphene	22	50	ND		
Tetrachloro-M-Xylene (S)			90.2		
Decachlorobiphenyl (S)			95.0		

Work Order:	2211080	Prep Method:	3546_TPH	Prep Date:	11/08/22	Prep Batch:	1146564
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	11/9/2022	Analytical Batch:	470644
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Diesel	0.66	2.0	1.75		
TPH as Motor Oil	0.76	5.0	3.08		
Pentacosane (S)			83.3		

Work Order:	2211080	Prep Method:	7471BP	Prep Date:	11/08/22	Prep Batch:	1146581
Matrix:	Soil	Analytical Method:	SW7471B	Analyzed Date:	11/9/2022	Analytical Batch:	470668
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Mercury	0.083	0.50	ND		



MB Summary Report

Work Order:	2211080	Prep Method:	3050B	Prep Date:	11/08/22	Prep Batch:	1146583
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	11/9/2022	Analytical Batch:	470654
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Antimony	0.050	5.00	ND		
Arsenic	0.15	1.30	ND		
Barium	0.055	5.00	ND		
Beryllium	0.055	5.00	ND		
Cadmium	0.10	0.750	ND		
Chromium	0.075	5.00	0.090		
Cobalt	0.070	5.00	ND		
Copper	0.20	5.00	ND		
Lead	0.10	3.00	ND		
Molybdenum	0.050	5.00	0.19		
Nickel	0.50	5.00	ND		
Selenium	0.35	1.10	ND		
Silver	0.15	0.500	ND		
Thallium	0.55	5.00	ND		
Vanadium	0.10	5.00	0.11		
Zinc	0.30	5.00	ND		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2211080	Prep Method:	3546_OCP	Prep Date:	11/08/22	Prep Batch:	1146562
Matrix:	Soil	Analytical Method:	SW8081B	Analyzed Date:	11/8/2022	Analytical Batch:	470643
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.16	2.0	ND	40	95.0	96.5	1.57	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	92.6	89.8	3.02	40 - 130	30	
Aldrin	0.20	2.0	ND	40	97.8	101	3.52	25 - 140	30	
delta-BHC	0.15	2.0	ND	40	95.3	99.3	4.11	60 - 130	30	
Heptachlor	0.19	2.0	ND	40	92.1	96.9	5.29	55 - 135	30	
4,4'-DDT	0.13	2.0	ND	40	84.4	91.6	7.95	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	94.9	92.6		48 - 125		
Decachlorobiphenyl (S)				100	99.3	97.7		38 - 135		

Work Order:	2211080	Prep Method:	3546_TPH	Prep Date:	11/08/22	Prep Batch:	1146564
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	11/9/2022	Analytical Batch:	470644
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.66	2.0	1.75	25.0	77.2	81.4	5.54	52 - 115	30	
Pentacosane (S)				200	90.5	102		45 - 130		

Work Order:	2211080	Prep Method:	7471BP	Prep Date:	11/08/22	Prep Batch:	1146581
Matrix:	Soil	Analytical Method:	SW7471B	Analyzed Date:	11/9/2022	Analytical Batch:	470668
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	102	99.7	2.37	85 - 115	30	



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2211080	Prep Method:	3050B	Prep Date:	11/08/22	Prep Batch:	1146583
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	11/9/2022	Analytical Batch:	470654
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	114	112	1.77	80 - 120	30	
Arsenic	0.15	1.30	ND	50	113	110	2.69	80 - 120	30	
Barium	0.055	5.00	ND	50	118	115	2.58	80 - 120	30	
Beryllium	0.055	5.00	ND	50	117	114	2.60	80 - 120	30	
Cadmium	0.10	0.750	ND	50	115	111	3.54	80 - 120	30	
Chromium	0.075	5.00	0.090	50	118	115	2.58	80 - 120	30	
Cobalt	0.070	5.00	ND	50	116	113	2.62	80 - 120	30	
Copper	0.20	5.00	ND	50	118	117	3.36	80 - 120	30	
Lead	0.10	3.00	ND	50	117	114	2.60	80 - 120	30	
Molybdenum	0.050	5.00	0.19	50	119	115	3.42	80 - 120	30	
Nickel	0.50	5.00	ND	50	117	114	2.60	80 - 120	30	
Selenium	0.22	5.00	ND	50	105	102	2.90	80 - 120	30	
Silver	0.15	5.00	ND	50	118	115	2.58	80 - 120	30	
Thallium	0.20	5.00	ND	50	116	113	2.62	80 - 120	30	
Vanadium	0.10	5.00	0.11	50	118	115	2.58	80 - 120	30	
Zinc	0.30	5.00	ND	50	114	111	2.67	80 - 120	30	



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2211080	Prep Method:	3546_OCP	Prep Date:	11/08/22	Prep Batch:	1146562
Matrix:	Soil	Analytical Method:	SW8081B	Analyzed Date:	11/9/2022	Analytical Batch:	470643
Spiked Sample:	2211080-009A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	1.59	20.0	ND	40	82.3	69.4	16.8	25 - 135	30	
Heptachlor	1.05	20.0	ND	40	83.0	71.7	14.5	40 - 130	30	
Aldrin	1.95	20.0	ND	40	81.8	70.6	14.8	25 - 140	30	
Dieldrin	1.48	20.0	ND	40	89.6	78.0	13.7	60 - 130	30	
Endrin	1.88	20.0	ND	40	77.6	66.2	16.0	55 - 135	30	
4,4'-DDT	1.29	20.0	ND	40	78.8	66.3	16.0	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	77.2	68.8		48 - 125		
Decachlorobiphenyl (S)				100	72.1	54.5		38 - 135		

Work Order:	2211080	Prep Method:	3546_TPH	Prep Date:	11/08/22	Prep Batch:	1146564
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	11/9/2022	Analytical Batch:	470644
Spiked Sample:	2211080-009A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	6.63	20.0	42.2	25.0	77.6	93.6	6.29	52 - 115	30	
Pentacosane (S)				20.0	64.2	70.3		45 - 130		

Work Order:	2211080	Prep Method:	7471BP	Prep Date:	11/08/22	Prep Batch:	1146581
Matrix:	Soil	Analytical Method:	SW7471B	Analyzed Date:	11/9/2022	Analytical Batch:	470668
Spiked Sample:	2211080-001A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	85.9	85.3	0.000	80 - 120	30	



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2211080	Prep Method:	3050B	Prep Date:	11/08/22	Prep Batch:	1146583
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	11/9/2022	Analytical Batch:	470654
Spiked Sample:	2211080-001A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	95.2	96.6	1.46	30.7 - 130	30	
Arsenic	0.15	1.30	14.5	50	103	112	6.59	71.0 - 121	30	
Barium	0.055	5.00	139	50	147	180	7.24	70.2 - 130	30	S
Beryllium	0.055	5.00	ND	50	107	111	3.64	73.3 - 115	30	
Cadmium	0.10	0.750	0.915	50	103	107	3.74	80.0 - 110	30	
Chromium	0.075	5.00	39.6	50	122	119	2.00	76.0 - 116	30	S
Cobalt	0.070	5.00	12.7	50	103	107	3.08	57.4 - 122	30	
Copper	0.20	5.00	23.7	50	124	136	6.78	74.8 - 119	30	S
Lead	0.10	3.00	102	50	107	225	31.8	57.9 - 118	30	S,R
Molybdenum	0.050	5.00	ND	50	107	110	2.71	62.9 - 123	30	
Nickel	0.50	5.00	44.6	50	121	137	7.34	61.5 - 122	30	S
Selenium	0.22	5.00	ND	50	92.2	95.1	3.20	62.0 - 111	30	
Silver	0.15	5.00	ND	50	114	118	3.45	75 - 125	30	
Thallium	0.20	5.00	ND	50	99.4	103	3.92	39.2 - 125	30	
Vanadium	0.10	5.00	48.0	50	108	117	4.78	65.8 - 122	30	
Zinc	0.30	5.00	136	50	115	144	6.97	59.9 - 122	30	S



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 100cm ² 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: Ninyo & Moore

Date and Time Received: 11/7/2022 5:10:00PM

Project Name: Unity Council 2700 International Blvd

Received By: Lorna Imbat

Work Order No.: 2211080

Physically Logged By: Lorna Imbat

Checklist Completed By: Lorna Imbat

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: 4.0 °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:



Login Summary Report

Client ID: TL5144 Ninyo & Moore
Project Name: Unity Council 2700 International Blvd
Project # : 404102003
Report Due Date: 11/15/2022

QC Level: II
TAT Requested: 5+ day:5
Date Received: 11/7/2022
Time Received: 5:10 pm

Comments:
Work Order # : **2211080**

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2211080-001A	SB-9-0.0-0.5	11/07/22 10:05	Soil	05/06/23			TPHDO_S_8015(Mod) Hg_S_7471B Met_S_6010B CAM17	
2211080-002A	SB-9-2.5-3.0	11/07/22 10:07	Soil	05/06/23			Hg_S_7471B Met_S_6010B CAM17	
2211080-003A	SB-9-4.5-5.0	11/07/22 10:09	Soil	05/06/23			Hg_S_7471B Met_S_6010B CAM17	
2211080-004A	SB-9-6.5-7.0	11/07/22 10:09	Soil	05/06/23			Hold Samples	
2211080-005A	SB-10-0.0-0.5	11/07/22 11:15	Soil	05/06/23			TPHDO_S_8015(Mod) Hg_S_7471B Met_S_6010B CAM17	
2211080-006A	SB-10-2.5-3.0	11/07/22 11:17	Soil	05/06/23			Hg_S_7471B Met_S_6010B CAM17	
2211080-007A	SB-10-4.5-5.0	11/07/22 11:19	Soil	05/06/23			Hg_S_7471B Met_S_6010B CAM17	
2211080-008A	SB-10-6.5-7.0	11/07/22 11:21	Soil	05/06/23			Hold Samples	
2211080-009A	SB-11-0.0-0.5	11/04/22 9:07	Soil	05/03/23			Hg_S_7471B TPHDO_S_8015(Mod) Pest_S_8081OCP Met_S_6010B CAM17	
2211080-010A	SB-11-2.5-3.0	11/04/22 9:10	Soil	05/03/23			Hg_S_7471B Met_S_6010B CAM17	
2211080-011A	SB-11-4.5-5.0	11/04/22 9:13	Soil	05/03/23			Hg_S_7471B Met_S_6010B CAM17	
2211080-012A	SB-11-6.5-7.0	11/04/22 9:16	Soil	05/03/23			Hold Samples	
2211080-013A	SB-12-0.0-0.5	11/04/22 10:10	Soil	05/03/23			Met_S_6010B CAM17	



Login Summary Report

Client ID: TL5144 Ninyo & Moore
Project Name: Unity Council 2700 International Blvd
Project # : 404102003
Report Due Date: 11/15/2022

QC Level: II
TAT Requested: 5+ day:5
Date Received: 11/7/2022
Time Received: 5:10 pm

Comments:
Work Order # : **2211080**

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2211080-014A	SB-12-2.5-3.0	11/04/22 10:13	Soil	05/03/23			Hg_S_7471B	
2211080-015A	SB-12-4.5-5.0	11/04/22 10:16	Soil	05/03/23			Met_S_6010B CAM17 Hg_S_7471B	
2211080-016A	SB-13-0.0-0.5	11/07/22 12:00	Soil	05/06/23			Hold Samples	
2211080-017A	SB-13-2.5-3.0	11/07/22 12:02	Soil	05/06/23			Met_S_6010B CAM17 Pest_S_8081OCP Hg_S_7471B	
2211080-018A	SB-13-4.5-5.0	11/07/22 12:04	Soil	05/06/23			Met_S_6010B CAM17 Hg_S_7471B	
2211080-019A	SB-14-0.0-0.5	11/07/22 10:44	Soil	05/06/23			Hold Samples	
2211080-020A	SB-14-2.5-3.0	11/07/22 10:46	Soil	05/06/23			Met_S_6010B CAM17 Hg_S_7471B	



483 Sinclair Frontage Road
 Milpitas, CA 95035
 Phone: 408.263.5258
 FAX: 408.263.8293
 www.torrentlab.com

CHAIN OF CUSTODY

LAB WORK ORDER NO
2211080

Reset

NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY

Company Name: Ninyo & Moore	<input checked="" type="checkbox"/> Env. <input type="checkbox"/> Non Env.	Project #: 404102003	PO#:
Address: 2020 Challenger Drive Unit 103		Project Name: Unity Council 2700 International Blvd.	
City: Alameda	State: CA	Zip Code: 94501	Comments:
Telephone: 510-559-0929	Cell:	SAMPLER: Kristina Borg	
REPORT TO: Aubrey Cool	BILL TO: Ninyo & Moore	EMAIL: acool@ninyoandmoore.com	

TURNAROUND TIME:

- 2 - 8 Hours 2 Work Days 5 Work Days
 Noon - Nxt Day 3 Work Days 7 Work Days
 1 Work Day 4 Work Days 10 Work Days

SAMPLE TYPE:

- Drinking Water Air
 Storm Water Wipe
 Waste Water Other
 Ground Water Product / Bulk
 Soil

REPORT FORMAT:

- Level II - Std.
 DoD/DoE Level III
 DoD/DoE Level III
 Excel - EDD EDF
 Client Specific EDD

TPHd by EPA Method 8015M

Title 22 Metals by EPA Methods 6010B/7471A

OCPs by EPA Method 8081



ANALYSIS REQUESTED

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPHd by EPA Method 8015M	Title 22 Metals by EPA Methods 6010B/7471A	OCPs by EPA Method 8081	REMARKS
-001A		SB-9-0.0-0.5	11/07/2022 1005	soil	1	8oz jar	✓	✓		
-002A		SB-9-2.5-3.0	11/07/2022 1007	soil	1	8oz jar		✓		
-003A		SB-9-4.5-5.0	11/07/2022 1009	soil	1	8oz jar		✓		
-004A		SB-9-6.5-7.0	11/07/2022 1011	soil	1	8oz jar				HOLD
-005A		SB-10-0.0-0.5	11/07/2022 1115	soil	1	8oz jar	✓	✓		
-006A		SB-10-2.5-3.0	11/07/2022 1117	soil	1	8oz jar		✓		
-007A		SB-10-4.5-5.0	11/07/2022 1119	soil	1	8oz jar		✓		
-008A		SB-10-6.5-7.0	11/07/2022 1121	soil	1	8oz jar				HOLD
-009A		SB-11-0.0-0.5	11/04/2022 0907	soil	1	8oz jar	✓	✓	✓	
-010A		SB-11-2.5-3.0	11/04/2022 0910	soil	1	8oz jar		✓		

1	Relinquished By: <i>Kristina Borg</i>	Print: Kristina Borg	Date: 11/07/2022	Time: 1710	Received By: <i>L-D - Imbert</i>	Print: L-D - Imbert	Date: 11-7-22	Time: 1710
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Cooler Temperature 4.4#3 °C

Samples Received on ice? Yes No

Method of Shipment Do

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

Page 1 of 5

QA-F-065, Rev 1.0, TLICD-959



483 Sinclair Frontage Road
 Milpitas, CA 95035
 Phone: 408.263.5258
 FAX: 408.263.8293
 www.torrentlab.com

CHAIN OF CUSTODY

LAB WORK ORDER NO
 2211080

Reset

NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY

Company Name: Ninyo & Moore		<input checked="" type="checkbox"/> Env. <input type="checkbox"/> Non Env.	Project #: 404102003	PO#:
Address: 2020 Challenger Drive Unit 103		Project Name: 27^{LAND} Unity Council 2700 Int. Blvd.		
City: Alameda	State: CA	Zip Code: 94501	Comments:	
Telephone: 510-559-0929	Cell:	SAMPLER: Kristina Borg		
REPORT TO: Ashley Cool	BILL TO: Ninyo & Moore	EMAIL: acool@ninyo.com acool@ninyoandmoore.com		

TURNAROUND TIME:

2-8 Hours 2 Work Days 5 Work Days
 Noon - Nxt Day 3 Work Days 7 Work Days
 1 Work Day 4 Work Days 10 Work Days

SAMPLE TYPE:

Drinking Water Air
 Storm Water Wipe
 Waste Water Ground Water Other
 Soil Product / Bulk

REPORT FORMAT:

Level II - Std.
 DoD/DoE Level III
 DoD/DoE Level III
 Excel - EDD EDF
 Client Specific EDD

TPHD by EPA Method 8015M
 Title 22 Metals by EPA Method 6010B/7471A
 OCPs by EPA Method 8081

ANALYSIS REQUESTED

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPHD by EPA Method 8015M	Title 22 Metals by EPA Method 6010B/7471A	OCPs by EPA Method 8081	REMARKS
011A		SB-11-4.5-5.0	11/04/2022 0913	soil	1	8oz jar	✓			
012A		SB-11-6.5-7.0	11/04/2022 0916	soil	1	8oz jar				HOLD
013A		SB-12-0.0-0.5	11/04/2022 1010	soil	1	8oz jar	✓			
014A		SB-12-2.5-3.0	11/04/2022 1013	soil	1	8oz jar	✓			
015A		SB-12-4.5-5.0	11/04/2022 1016	soil	1	8oz jar				HOLD
016A		SB-13-0.0-0.5	11/07/2022 1200	soil	1	8oz jar	✓	✓		
017A		SB-13-2.5-3.0	11/07/2022 1202	soil	1	8oz jar	✓			
018A		SB-13-4.5-5.0	11/07/2022 1204	soil	1	8oz jar				HOLD
019A		SB-14-0.0-0.5	11/07/2022 1044	soil	1	8oz jar	✓			
020A		SB-14-2.5-3.0	11/07/2022 1046	soil	1	8oz jar	✓			

1	Relinquished By: Kristina Borg	Print: Kristina Borg	Date: 11/07/2022	Time: 1710	Received By: [Signature]	Print: L-D. Imbat	Date: 11-7-22	Time: 1710
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Cooler Temperature **4.4#3** °C Samples Received on ice? Yes No Method of Shipment **D/D**

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.

QA-F-065, Rev 1.0, TLICD-959

Page 2 of 5



Ninyo & Moore
2020 Challenger Drive, Suite 103
Alameda, California 94501
Tel: 510-343-3000
RE: Unity Council 2700 International Blvd

Work Order No.: 2211081

Dear Aubrey Cool:

Torrent Laboratory, Inc. received 27 sample(s) on November 07, 2022 for the analyses presented in the following Report.

8 samples are On hold.

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.

A handwritten signature in blue ink that reads "Kathie Evans". The signature is written in a cursive style and is positioned above a horizontal line.

Kathie Evans
Project Manager

November 15, 2022

Date



Date: 11/15/2022

Client: Ninyo & Moore

Project: Unity Council 2700 International Blvd

Work Order: 2211081

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.

Analytical Comments for method 6010B Soil, 2211081-002A MS, QC Preparation Batch ID 1146584, Note: The % recovery for Zinc is outside of laboratory control limits but RPD is within limits. The associated LCS/LCSD is within both % Recovery and RPD limits. No corrective action required.



Sample Result Summary

Report prepared for: Aubrey Cool
Ninyo & Moore

Date Received: 11/07/22

Date Reported: 11/15/22

SB-15-0.0-0.5

2211081-002

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	2.38	mg/Kg
Barium	SW6010B	1	0.055	5.00	66.0	mg/Kg
Chromium	SW6010B	1	0.075	5.00	12.9	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	8.40	mg/Kg
Copper	SW6010B	1	0.20	5.00	24.8	mg/Kg
Nickel	SW6010B	1	0.50	5.00	12.8	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	47.4	mg/Kg
Zinc	SW6010B	1	0.30	5.00	72.0	mg/Kg

SB-15-2.5-3.0

2211081-003

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	6.20	mg/Kg
Barium	SW6010B	1	0.055	5.00	167	mg/Kg
Chromium	SW6010B	1	0.075	5.00	62.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	12.7	mg/Kg
Copper	SW6010B	1	0.20	5.00	24.3	mg/Kg
Lead	SW6010B	1	0.10	3.00	7.95	mg/Kg
Nickel	SW6010B	1	0.50	5.00	93.5	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	40.7	mg/Kg
Zinc	SW6010B	1	0.30	5.00	51.0	mg/Kg

SB-16-0.0-0.5

2211081-005

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	6.15	mg/Kg
Barium	SW6010B	1	0.055	5.00	148	mg/Kg
Chromium	SW6010B	1	0.075	5.00	80.0	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	12.4	mg/Kg
Copper	SW6010B	1	0.20	5.00	22.8	mg/Kg
Lead	SW6010B	1	0.10	3.00	10.8	mg/Kg
Nickel	SW6010B	1	0.50	5.00	85.5	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	40.3	mg/Kg
Zinc	SW6010B	1	0.30	5.00	52.0	mg/Kg



Sample Result Summary

Report prepared for: Aubrey Cool
Ninyo & Moore

Date Received: 11/07/22

Date Reported: 11/15/22

SB-16-2.5-3.0

2211081-006

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	5.80	mg/Kg
Barium	SW6010B	1	0.055	5.00	138	mg/Kg
Chromium	SW6010B	1	0.075	5.00	59.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	11.9	mg/Kg
Copper	SW6010B	1	0.20	5.00	20.1	mg/Kg
Lead	SW6010B	1	0.10	3.00	8.00	mg/Kg
Nickel	SW6010B	1	0.50	5.00	85.5	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	35.8	mg/Kg
Zinc	SW6010B	1	0.30	5.00	45.4	mg/Kg

SB-17-0.0-0.5

2211081-008

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	4.08	mg/Kg
Barium	SW6010B	1	0.055	5.00	102	mg/Kg
Chromium	SW6010B	1	0.075	5.00	38.2	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	8.35	mg/Kg
Copper	SW6010B	1	0.20	5.00	18.3	mg/Kg
Lead	SW6010B	1	0.10	3.00	18.3	mg/Kg
Nickel	SW6010B	1	0.50	5.00	47.6	mg/Kg
Silver	SW6010B	1	0.15	0.500	1.52	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	37.7	mg/Kg
Zinc	SW6010B	1	0.30	5.00	44.7	mg/Kg

SB-17-2.5-3.0

2211081-009

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	6.25	mg/Kg
Barium	SW6010B	1	0.055	5.00	162	mg/Kg
Chromium	SW6010B	1	0.075	5.00	67.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	13.1	mg/Kg
Copper	SW6010B	1	0.20	5.00	25.5	mg/Kg
Lead	SW6010B	1	0.10	3.00	7.95	mg/Kg
Nickel	SW6010B	1	0.50	5.00	110	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	40.7	mg/Kg
Zinc	SW6010B	1	0.30	5.00	54.5	mg/Kg



Sample Result Summary

Report prepared for: Aubrey Cool
Ninyo & Moore

Date Received: 11/07/22

Date Reported: 11/15/22

SB-18-0.0-0.5

2211081-011

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	6.35	mg/Kg
Barium	SW6010B	1	0.055	5.00	120	mg/Kg
Chromium	SW6010B	1	0.075	5.00	23.8	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	7.05	mg/Kg
Copper	SW6010B	1	0.20	5.00	25.8	mg/Kg
Lead	SW6010B	1	0.10	3.00	27.0	mg/Kg
Nickel	SW6010B	1	0.50	5.00	30.8	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	40.5	mg/Kg
Zinc	SW6010B	1	0.30	5.00	38.8	mg/Kg

SB-18-2.5-3.0

2211081-012

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	6.35	mg/Kg
Barium	SW6010B	1	0.055	5.00	173	mg/Kg
Chromium	SW6010B	1	0.075	5.00	61.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	11.5	mg/Kg
Copper	SW6010B	1	0.20	5.00	25.7	mg/Kg
Lead	SW6010B	1	0.10	3.00	7.50	mg/Kg
Nickel	SW6010B	1	0.50	5.00	92.0	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	41.5	mg/Kg
Zinc	SW6010B	1	0.30	5.00	54.0	mg/Kg

SB-19-0.0-0.5

2211081-014

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	7.60	mg/Kg
Barium	SW6010B	1	0.055	5.00	192	mg/Kg
Chromium	SW6010B	1	0.075	5.00	70.0	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	15.2	mg/Kg
Copper	SW6010B	1	0.20	5.00	28.2	mg/Kg
Lead	SW6010B	1	0.10	3.00	9.00	mg/Kg
Nickel	SW6010B	1	0.50	5.00	114	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	47.7	mg/Kg
Zinc	SW6010B	1	0.30	5.00	61.5	mg/Kg



Sample Result Summary

Report prepared for: Aubrey Cool
Ninyo & Moore

Date Received: 11/07/22

Date Reported: 11/15/22

SB-19-5.0-5.5

2211081-015

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	5.50	mg/Kg
Barium	SW6010B	1	0.055	5.00	243	mg/Kg
Chromium	SW6010B	1	0.075	5.00	61.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	14.6	mg/Kg
Copper	SW6010B	1	0.20	5.00	26.8	mg/Kg
Lead	SW6010B	1	0.10	3.00	7.15	mg/Kg
Nickel	SW6010B	1	0.50	5.00	89.0	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	45.2	mg/Kg
Zinc	SW6010B	1	0.30	5.00	54.5	mg/Kg

SB-20-0.0-0.5

2211081-016

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	13.6	mg/Kg
Barium	SW6010B	1	0.055	5.00	79.0	mg/Kg
Chromium	SW6010B	1	0.075	5.00	13.1	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	7.80	mg/Kg
Copper	SW6010B	1	0.20	5.00	15.1	mg/Kg
Lead	SW6010B	1	0.10	3.00	10.7	mg/Kg
Nickel	SW6010B	1	0.50	5.00	12.2	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	40.0	mg/Kg
Zinc	SW6010B	1	0.30	5.00	83.5	mg/Kg

SB-20-2.5-3.0

2211081-017

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	6.90	mg/Kg
Barium	SW6010B	1	0.055	5.00	177	mg/Kg
Chromium	SW6010B	1	0.075	5.00	88.0	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	19.3	mg/Kg
Copper	SW6010B	1	0.20	5.00	27.0	mg/Kg
Lead	SW6010B	1	0.10	3.00	8.25	mg/Kg
Nickel	SW6010B	1	0.50	5.00	145	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	44.4	mg/Kg
Zinc	SW6010B	1	0.30	5.00	57.0	mg/Kg



Sample Result Summary

Report prepared for: Aubrey Cool
Ninyo & Moore

Date Received: 11/07/22

Date Reported: 11/15/22

SB-21-0.0-0.5

2211081-019

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	7.35	mg/Kg
Barium	SW6010B	1	0.055	5.00	191	mg/Kg
Chromium	SW6010B	1	0.075	5.00	60.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	12.3	mg/Kg
Copper	SW6010B	1	0.20	5.00	39.5	mg/Kg
Lead	SW6010B	1	0.10	3.00	127	mg/Kg
Nickel	SW6010B	1	0.50	5.00	96.5	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	41.3	mg/Kg
Zinc	SW6010B	1	0.30	5.00	112	mg/Kg

SB-21-2.5-3.0

2211081-020

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	7.20	mg/Kg
Barium	SW6010B	1	0.055	5.00	170	mg/Kg
Chromium	SW6010B	1	0.075	5.00	71.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	13.2	mg/Kg
Copper	SW6010B	1	0.20	5.00	27.6	mg/Kg
Lead	SW6010B	1	0.10	3.00	8.10	mg/Kg
Nickel	SW6010B	1	0.50	5.00	102	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	47.1	mg/Kg
Zinc	SW6010B	1	0.30	5.00	55.5	mg/Kg

SB-23-0.0-0.5

2211081-022

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	6.00	mg/Kg
Barium	SW6010B	1	0.055	5.00	165	mg/Kg
Chromium	SW6010B	1	0.075	5.00	11.8	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	10.0	mg/Kg
Copper	SW6010B	1	0.20	5.00	26.9	mg/Kg
Lead	SW6010B	1	0.10	3.00	21.8	mg/Kg
Nickel	SW6010B	1	0.50	5.00	17.2	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	36.6	mg/Kg
Zinc	SW6010B	1	0.30	5.00	91.0	mg/Kg
TPH as Diesel	SW8015B	1	6.6	20	40.4	mg/Kg
Dieldrin	SW8081B	10	2.5	20	2.70	ug/Kg



Sample Result Summary

Report prepared for: Aubrey Cool
Ninyo & Moore

Date Received: 11/07/22

Date Reported: 11/15/22

SB-23-2.5-3.0 2211081-023

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	7.45	mg/Kg
Barium	SW6010B	1	0.055	5.00	229	mg/Kg
Chromium	SW6010B	1	0.075	5.00	52.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	11.4	mg/Kg
Copper	SW6010B	1	0.20	5.00	36.0	mg/Kg
Lead	SW6010B	1	0.10	3.00	134	mg/Kg
Nickel	SW6010B	1	0.50	5.00	73.0	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	38.7	mg/Kg
Zinc	SW6010B	1	0.30	5.00	149	mg/Kg

SB-23-4.5-5.0 2211081-024

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Arsenic	SW6010B	1	0.15	1.30	6.80	mg/Kg
Barium	SW6010B	1	0.055	5.00	161	mg/Kg
Chromium	SW6010B	1	0.075	5.00	70.5	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	13.8	mg/Kg
Copper	SW6010B	1	0.20	5.00	21.4	mg/Kg
Lead	SW6010B	1	0.10	3.00	8.50	mg/Kg
Nickel	SW6010B	1	0.50	5.00	93.5	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	43.1	mg/Kg
Zinc	SW6010B	1	0.30	5.00	53.0	mg/Kg

EB-2022-11-04 2211081-026

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Mercury	SW7470A	1	0.00013	0.00020	0.00030	mg/L

EB-2022-11-07 2211081-027

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Mercury	SW7470A	1	0.00013	0.00020	0.00064	mg/L



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-15-0.0-0.5	Lab Sample ID:	2211081-002A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 9:40		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:14	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-15-0.0-0.5	Lab Sample ID:	2211081-002A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 9:40		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	12:58	AT	470652
Arsenic	SW6010B	1	0.15	1.30	2.38		mg/Kg	11/09/22	12:58	AT	470652
Barium	SW6010B	1	0.055	5.00	66.0		mg/Kg	11/09/22	12:58	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	12:58	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	12:58	AT	470652
Chromium	SW6010B	1	0.075	5.00	12.9		mg/Kg	11/09/22	12:58	AT	470652
Cobalt	SW6010B	1	0.070	5.00	8.40		mg/Kg	11/09/22	12:58	AT	470652
Copper	SW6010B	1	0.20	5.00	24.8		mg/Kg	11/09/22	12:58	AT	470652
Lead	SW6010B	1	0.10	3.00	ND		mg/Kg	11/09/22	12:58	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	12:58	AT	470652
Nickel	SW6010B	1	0.50	5.00	12.8		mg/Kg	11/09/22	12:58	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	12:58	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	12:58	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	12:58	AT	470652
Vanadium	SW6010B	1	0.10	5.00	47.4		mg/Kg	11/09/22	12:58	AT	470652
Zinc	SW6010B	1	0.30	5.00	72.0		mg/Kg	11/09/22	12:58	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-15-0.0-0.5	Lab Sample ID:	2211081-002A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 9:40		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 11/8/22	10:14:00AM
Prep Batch ID: 1146562	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

alpha-BHC	SW8081B	20	5.0	40	ND		ug/Kg	11/08/22	23:59	LA	470643
gamma-BHC (Lindane)	SW8081B	20	14	40	ND		ug/Kg	11/08/22	23:59	LA	470643
beta-BHC	SW8081B	20	8.7	40	ND		ug/Kg	11/08/22	23:59	LA	470643
delta-BHC	SW8081B	20	13	40	ND		ug/Kg	11/08/22	23:59	LA	470643
Heptachlor	SW8081B	20	5.4	40	ND		ug/Kg	11/08/22	23:59	LA	470643
Aldrin	SW8081B	20	5.9	40	ND		ug/Kg	11/08/22	23:59	LA	470643
Heptachlor Epoxide	SW8081B	20	6.1	40	ND		ug/Kg	11/08/22	23:59	LA	470643
gamma-Chlordane	SW8081B	20	29	60	ND		ug/Kg	11/08/22	23:59	LA	470643
alpha-Chlordane	SW8081B	20	7.2	40	ND		ug/Kg	11/08/22	23:59	LA	470643
4,4'-DDE	SW8081B	20	12	40	ND		ug/Kg	11/08/22	23:59	LA	470643
Endosulfan I	SW8081B	20	5.7	40	ND		ug/Kg	11/08/22	23:59	LA	470643
Dieldrin	SW8081B	20	5.0	40	ND		ug/Kg	11/08/22	23:59	LA	470643
Endrin	SW8081B	20	16	40	ND		ug/Kg	11/08/22	23:59	LA	470643
4,4'-DDD	SW8081B	20	13	40	ND		ug/Kg	11/08/22	23:59	LA	470643
Endosulfan II	SW8081B	20	6.8	40	ND		ug/Kg	11/08/22	23:59	LA	470643
4,4'-DDT	SW8081B	20	15	40	ND		ug/Kg	11/08/22	23:59	LA	470643
Endrin Aldehyde	SW8081B	20	10	40	ND		ug/Kg	11/08/22	23:59	LA	470643
Methoxychlor	SW8081B	20	52	120	ND		ug/Kg	11/08/22	23:59	LA	470643
Endosulfan Sulfate	SW8081B	20	10	40	ND		ug/Kg	11/08/22	23:59	LA	470643
Endrin Ketone	SW8081B	20	8.7	40	ND		ug/Kg	11/08/22	23:59	LA	470643
Chlordane, Technical	SW8081B	20	250	400	ND		ug/Kg	11/08/22	23:59	LA	470643
Toxaphene	SW8081B	20	440	1000	ND		ug/Kg	11/08/22	23:59	LA	470643
Acceptance Limits											
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		0.000	D	%	11/08/22	23:59	LA	470643
Decachlorobiphenyl (S)	SW8081B		38 - 135		0.000	D	%	11/08/22	23:59	LA	470643

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-15-2.5-3.0	Lab Sample ID:	2211081-003A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 9:42		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:21	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-15-2.5-3.0	Lab Sample ID:	2211081-003A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 9:42		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:03	AT	470652
Arsenic	SW6010B	1	0.15	1.30	6.20		mg/Kg	11/09/22	13:03	AT	470652
Barium	SW6010B	1	0.055	5.00	167		mg/Kg	11/09/22	13:03	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:03	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:03	AT	470652
Chromium	SW6010B	1	0.075	5.00	62.5		mg/Kg	11/09/22	13:03	AT	470652
Cobalt	SW6010B	1	0.070	5.00	12.7		mg/Kg	11/09/22	13:03	AT	470652
Copper	SW6010B	1	0.20	5.00	24.3		mg/Kg	11/09/22	13:03	AT	470652
Lead	SW6010B	1	0.10	3.00	7.95		mg/Kg	11/09/22	13:03	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:03	AT	470652
Nickel	SW6010B	1	0.50	5.00	93.5		mg/Kg	11/09/22	13:03	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:03	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:03	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:03	AT	470652
Vanadium	SW6010B	1	0.10	5.00	40.7		mg/Kg	11/09/22	13:03	AT	470652
Zinc	SW6010B	1	0.30	5.00	51.0		mg/Kg	11/09/22	13:03	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-16-0.0-0.5	Lab Sample ID:	2211081-005A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 11:45		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:27	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-16-0.0-0.5	Lab Sample ID:	2211081-005A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 11:45		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:05	AT	470652
Arsenic	SW6010B	1	0.15	1.30	6.15		mg/Kg	11/09/22	13:05	AT	470652
Barium	SW6010B	1	0.055	5.00	148		mg/Kg	11/09/22	13:05	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:05	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:05	AT	470652
Chromium	SW6010B	1	0.075	5.00	80.0		mg/Kg	11/09/22	13:05	AT	470652
Cobalt	SW6010B	1	0.070	5.00	12.4		mg/Kg	11/09/22	13:05	AT	470652
Copper	SW6010B	1	0.20	5.00	22.8		mg/Kg	11/09/22	13:05	AT	470652
Lead	SW6010B	1	0.10	3.00	10.8		mg/Kg	11/09/22	13:05	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:05	AT	470652
Nickel	SW6010B	1	0.50	5.00	85.5		mg/Kg	11/09/22	13:05	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:05	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:05	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:05	AT	470652
Vanadium	SW6010B	1	0.10	5.00	40.3		mg/Kg	11/09/22	13:05	AT	470652
Zinc	SW6010B	1	0.30	5.00	52.0		mg/Kg	11/09/22	13:05	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-16-0.0-0.5	Lab Sample ID:	2211081-005A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 11:45		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 11/8/22	10:14:00AM
Prep Batch ID: 1146562	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

alpha-BHC	SW8081B	3	0.75	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
gamma-BHC (Lindane)	SW8081B	3	2.1	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
beta-BHC	SW8081B	3	1.3	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
delta-BHC	SW8081B	3	1.9	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
Heptachlor	SW8081B	3	0.80	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
Aldrin	SW8081B	3	0.88	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
Heptachlor Epoxide	SW8081B	3	0.92	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
gamma-Chlordane	SW8081B	3	4.4	9.0	ND		ug/Kg	11/09/22	0:13	LA	470643
alpha-Chlordane	SW8081B	3	1.1	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
4,4'-DDE	SW8081B	3	1.8	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
Endosulfan I	SW8081B	3	0.86	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
Dieldrin	SW8081B	3	0.74	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
Endrin	SW8081B	3	2.4	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
4,4'-DDD	SW8081B	3	1.9	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
Endosulfan II	SW8081B	3	1.0	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
4,4'-DDT	SW8081B	3	2.2	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
Endrin Aldehyde	SW8081B	3	1.5	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
Methoxychlor	SW8081B	3	7.7	18	ND		ug/Kg	11/09/22	0:13	LA	470643
Endosulfan Sulfate	SW8081B	3	1.5	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
Endrin Ketone	SW8081B	3	1.3	6.0	ND		ug/Kg	11/09/22	0:13	LA	470643
Chlordane, Technical	SW8081B	3	38	60	ND		ug/Kg	11/09/22	0:13	LA	470643
Toxaphene	SW8081B	3	67	150	ND		ug/Kg	11/09/22	0:13	LA	470643
Acceptance Limits											
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		69.9		%	11/09/22	0:13	LA	470643
Decachlorobiphenyl (S)	SW8081B		38 - 135		61.0		%	11/09/22	0:13	LA	470643

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-16-2.5-3.0	Lab Sample ID:	2211081-006A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 11:47		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:29	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-16-2.5-3.0	Lab Sample ID:	2211081-006A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 11:47		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:07	AT	470652
Arsenic	SW6010B	1	0.15	1.30	5.80		mg/Kg	11/09/22	13:07	AT	470652
Barium	SW6010B	1	0.055	5.00	138		mg/Kg	11/09/22	13:07	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:07	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:07	AT	470652
Chromium	SW6010B	1	0.075	5.00	59.5		mg/Kg	11/09/22	13:07	AT	470652
Cobalt	SW6010B	1	0.070	5.00	11.9		mg/Kg	11/09/22	13:07	AT	470652
Copper	SW6010B	1	0.20	5.00	20.1		mg/Kg	11/09/22	13:07	AT	470652
Lead	SW6010B	1	0.10	3.00	8.00		mg/Kg	11/09/22	13:07	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:07	AT	470652
Nickel	SW6010B	1	0.50	5.00	85.5		mg/Kg	11/09/22	13:07	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:07	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:07	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:07	AT	470652
Vanadium	SW6010B	1	0.10	5.00	35.8		mg/Kg	11/09/22	13:07	AT	470652
Zinc	SW6010B	1	0.30	5.00	45.4		mg/Kg	11/09/22	13:07	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-17-0.0-0.5	Lab Sample ID:	2211081-008A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 9:00		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:31	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-17-0.0-0.5	Lab Sample ID:	2211081-008A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 9:00		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:08	AT	470652
Arsenic	SW6010B	1	0.15	1.30	4.08		mg/Kg	11/09/22	13:08	AT	470652
Barium	SW6010B	1	0.055	5.00	102		mg/Kg	11/09/22	13:08	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:08	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:08	AT	470652
Chromium	SW6010B	1	0.075	5.00	38.2		mg/Kg	11/09/22	13:08	AT	470652
Cobalt	SW6010B	1	0.070	5.00	8.35		mg/Kg	11/09/22	13:08	AT	470652
Copper	SW6010B	1	0.20	5.00	18.3		mg/Kg	11/09/22	13:08	AT	470652
Lead	SW6010B	1	0.10	3.00	18.3		mg/Kg	11/09/22	13:08	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:08	AT	470652
Nickel	SW6010B	1	0.50	5.00	47.6		mg/Kg	11/09/22	13:08	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:08	AT	470652
Silver	SW6010B	1	0.15	0.500	1.52		mg/Kg	11/09/22	13:08	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:08	AT	470652
Vanadium	SW6010B	1	0.10	5.00	37.7		mg/Kg	11/09/22	13:08	AT	470652
Zinc	SW6010B	1	0.30	5.00	44.7		mg/Kg	11/09/22	13:08	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-17-0.0-0.5	Lab Sample ID:	2211081-008A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 9:00		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 11/8/22	10:14:00AM
Prep Batch ID: 1146562	Prep Analyst: AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

alpha-BHC	SW8081B	10	2.5	20	ND		ug/Kg	11/09/22	0:26	LA	470643
gamma-BHC (Lindane)	SW8081B	10	7.1	20	ND		ug/Kg	11/09/22	0:26	LA	470643
beta-BHC	SW8081B	10	4.4	20	ND		ug/Kg	11/09/22	0:26	LA	470643
delta-BHC	SW8081B	10	6.5	20	ND		ug/Kg	11/09/22	0:26	LA	470643
Heptachlor	SW8081B	10	2.7	20	ND		ug/Kg	11/09/22	0:26	LA	470643
Aldrin	SW8081B	10	2.9	20	ND		ug/Kg	11/09/22	0:26	LA	470643
Heptachlor Epoxide	SW8081B	10	3.1	20	ND		ug/Kg	11/09/22	0:26	LA	470643
gamma-Chlordane	SW8081B	10	15	30	ND		ug/Kg	11/09/22	0:26	LA	470643
alpha-Chlordane	SW8081B	10	3.6	20	ND		ug/Kg	11/09/22	0:26	LA	470643
4,4'-DDE	SW8081B	10	6.1	20	ND		ug/Kg	11/09/22	0:26	LA	470643
Endosulfan I	SW8081B	10	2.9	20	ND		ug/Kg	11/09/22	0:26	LA	470643
Dieldrin	SW8081B	10	2.5	20	ND		ug/Kg	11/09/22	0:26	LA	470643
Endrin	SW8081B	10	7.9	20	ND		ug/Kg	11/09/22	0:26	LA	470643
4,4'-DDD	SW8081B	10	6.4	20	ND		ug/Kg	11/09/22	0:26	LA	470643
Endosulfan II	SW8081B	10	3.4	20	ND		ug/Kg	11/09/22	0:26	LA	470643
4,4'-DDT	SW8081B	10	7.4	20	ND		ug/Kg	11/09/22	0:26	LA	470643
Endrin Aldehyde	SW8081B	10	5.1	20	ND		ug/Kg	11/09/22	0:26	LA	470643
Methoxychlor	SW8081B	10	26	60	ND		ug/Kg	11/09/22	0:26	LA	470643
Endosulfan Sulfate	SW8081B	10	5.1	20	ND		ug/Kg	11/09/22	0:26	LA	470643
Endrin Ketone	SW8081B	10	4.3	20	ND		ug/Kg	11/09/22	0:26	LA	470643
Chlordane, Technical	SW8081B	10	130	200	ND		ug/Kg	11/09/22	0:26	LA	470643
Toxaphene	SW8081B	10	220	500	ND		ug/Kg	11/09/22	0:26	LA	470643
Acceptance Limits											
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		76.7		%	11/09/22	0:26	LA	470643
Decachlorobiphenyl (S)	SW8081B		38 - 135		63.4		%	11/09/22	0:26	LA	470643

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-17-2.5-3.0	Lab Sample ID:	2211081-009A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 9:02		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:34	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-17-2.5-3.0	Lab Sample ID:	2211081-009A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 9:02		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:13	AT	470652
Arsenic	SW6010B	1	0.15	1.30	6.25		mg/Kg	11/09/22	13:13	AT	470652
Barium	SW6010B	1	0.055	5.00	162		mg/Kg	11/09/22	13:13	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:13	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:13	AT	470652
Chromium	SW6010B	1	0.075	5.00	67.5		mg/Kg	11/09/22	13:13	AT	470652
Cobalt	SW6010B	1	0.070	5.00	13.1		mg/Kg	11/09/22	13:13	AT	470652
Copper	SW6010B	1	0.20	5.00	25.5		mg/Kg	11/09/22	13:13	AT	470652
Lead	SW6010B	1	0.10	3.00	7.95		mg/Kg	11/09/22	13:13	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:13	AT	470652
Nickel	SW6010B	1	0.50	5.00	110		mg/Kg	11/09/22	13:13	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:13	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:13	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:13	AT	470652
Vanadium	SW6010B	1	0.10	5.00	40.7		mg/Kg	11/09/22	13:13	AT	470652
Zinc	SW6010B	1	0.30	5.00	54.5		mg/Kg	11/09/22	13:13	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-18-0.0-0.5	Lab Sample ID:	2211081-011A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 9:18		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:36	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-18-0.0-0.5	Lab Sample ID:	2211081-011A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 9:18		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:15	AT	470652
Arsenic	SW6010B	1	0.15	1.30	6.35		mg/Kg	11/09/22	13:15	AT	470652
Barium	SW6010B	1	0.055	5.00	120		mg/Kg	11/09/22	13:15	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:15	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:15	AT	470652
Chromium	SW6010B	1	0.075	5.00	23.8		mg/Kg	11/09/22	13:15	AT	470652
Cobalt	SW6010B	1	0.070	5.00	7.05		mg/Kg	11/09/22	13:15	AT	470652
Copper	SW6010B	1	0.20	5.00	25.8		mg/Kg	11/09/22	13:15	AT	470652
Lead	SW6010B	1	0.10	3.00	27.0		mg/Kg	11/09/22	13:15	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:15	AT	470652
Nickel	SW6010B	1	0.50	5.00	30.8		mg/Kg	11/09/22	13:15	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:15	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:15	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:15	AT	470652
Vanadium	SW6010B	1	0.10	5.00	40.5		mg/Kg	11/09/22	13:15	AT	470652
Zinc	SW6010B	1	0.30	5.00	38.8		mg/Kg	11/09/22	13:15	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-18-2.5-3.0	Lab Sample ID:	2211081-012A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 9:20		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:38	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-18-2.5-3.0	Lab Sample ID:	2211081-012A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 9:20		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:17	AT	470652
Arsenic	SW6010B	1	0.15	1.30	6.35		mg/Kg	11/09/22	13:17	AT	470652
Barium	SW6010B	1	0.055	5.00	173		mg/Kg	11/09/22	13:17	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:17	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:17	AT	470652
Chromium	SW6010B	1	0.075	5.00	61.5		mg/Kg	11/09/22	13:17	AT	470652
Cobalt	SW6010B	1	0.070	5.00	11.5		mg/Kg	11/09/22	13:17	AT	470652
Copper	SW6010B	1	0.20	5.00	25.7		mg/Kg	11/09/22	13:17	AT	470652
Lead	SW6010B	1	0.10	3.00	7.50		mg/Kg	11/09/22	13:17	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:17	AT	470652
Nickel	SW6010B	1	0.50	5.00	92.0		mg/Kg	11/09/22	13:17	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:17	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:17	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:17	AT	470652
Vanadium	SW6010B	1	0.10	5.00	41.5		mg/Kg	11/09/22	13:17	AT	470652
Zinc	SW6010B	1	0.30	5.00	54.0		mg/Kg	11/09/22	13:17	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-19-0.0-0.5	Lab Sample ID:	2211081-014A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 10:58		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:40	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-19-0.0-0.5	Lab Sample ID:	2211081-014A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 10:58		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:18	AT	470652
Arsenic	SW6010B	1	0.15	1.30	7.60		mg/Kg	11/09/22	13:18	AT	470652
Barium	SW6010B	1	0.055	5.00	192		mg/Kg	11/09/22	13:18	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:18	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:18	AT	470652
Chromium	SW6010B	1	0.075	5.00	70.0		mg/Kg	11/09/22	13:18	AT	470652
Cobalt	SW6010B	1	0.070	5.00	15.2		mg/Kg	11/09/22	13:18	AT	470652
Copper	SW6010B	1	0.20	5.00	28.2		mg/Kg	11/09/22	13:18	AT	470652
Lead	SW6010B	1	0.10	3.00	9.00		mg/Kg	11/09/22	13:18	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:18	AT	470652
Nickel	SW6010B	1	0.50	5.00	114		mg/Kg	11/09/22	13:18	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:18	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:18	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:18	AT	470652
Vanadium	SW6010B	1	0.10	5.00	47.7		mg/Kg	11/09/22	13:18	AT	470652
Zinc	SW6010B	1	0.30	5.00	61.5		mg/Kg	11/09/22	13:18	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-19-5.0-5.5	Lab Sample ID:	2211081-015A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 11:00		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:42	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-19-5.0-5.5	Lab Sample ID:	2211081-015A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 11:00		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:20	AT	470652
Arsenic	SW6010B	1	0.15	1.30	5.50		mg/Kg	11/09/22	13:20	AT	470652
Barium	SW6010B	1	0.055	5.00	243		mg/Kg	11/09/22	13:20	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:20	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:20	AT	470652
Chromium	SW6010B	1	0.075	5.00	61.5		mg/Kg	11/09/22	13:20	AT	470652
Cobalt	SW6010B	1	0.070	5.00	14.6		mg/Kg	11/09/22	13:20	AT	470652
Copper	SW6010B	1	0.20	5.00	26.8		mg/Kg	11/09/22	13:20	AT	470652
Lead	SW6010B	1	0.10	3.00	7.15		mg/Kg	11/09/22	13:20	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:20	AT	470652
Nickel	SW6010B	1	0.50	5.00	89.0		mg/Kg	11/09/22	13:20	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:20	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:20	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:20	AT	470652
Vanadium	SW6010B	1	0.10	5.00	45.2		mg/Kg	11/09/22	13:20	AT	470652
Zinc	SW6010B	1	0.30	5.00	54.5		mg/Kg	11/09/22	13:20	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-20-0.0-0.5	Lab Sample ID:	2211081-016A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 8:40		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:44	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-20-0.0-0.5	Lab Sample ID:	2211081-016A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 8:40		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:22	AT	470652
Arsenic	SW6010B	1	0.15	1.30	13.6		mg/Kg	11/09/22	13:22	AT	470652
Barium	SW6010B	1	0.055	5.00	79.0		mg/Kg	11/09/22	13:22	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:22	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:22	AT	470652
Chromium	SW6010B	1	0.075	5.00	13.1		mg/Kg	11/09/22	13:22	AT	470652
Cobalt	SW6010B	1	0.070	5.00	7.80		mg/Kg	11/09/22	13:22	AT	470652
Copper	SW6010B	1	0.20	5.00	15.1		mg/Kg	11/09/22	13:22	AT	470652
Lead	SW6010B	1	0.10	3.00	10.7		mg/Kg	11/09/22	13:22	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:22	AT	470652
Nickel	SW6010B	1	0.50	5.00	12.2		mg/Kg	11/09/22	13:22	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:22	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:22	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:22	AT	470652
Vanadium	SW6010B	1	0.10	5.00	40.0		mg/Kg	11/09/22	13:22	AT	470652
Zinc	SW6010B	1	0.30	5.00	83.5		mg/Kg	11/09/22	13:22	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-20-2.5-3.0	Lab Sample ID:	2211081-017A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 8:42		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:46	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-20-2.5-3.0	Lab Sample ID:	2211081-017A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 8:42		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:23	AT	470652
Arsenic	SW6010B	1	0.15	1.30	6.90		mg/Kg	11/09/22	13:23	AT	470652
Barium	SW6010B	1	0.055	5.00	177		mg/Kg	11/09/22	13:23	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:23	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:23	AT	470652
Chromium	SW6010B	1	0.075	5.00	88.0		mg/Kg	11/09/22	13:23	AT	470652
Cobalt	SW6010B	1	0.070	5.00	19.3		mg/Kg	11/09/22	13:23	AT	470652
Copper	SW6010B	1	0.20	5.00	27.0		mg/Kg	11/09/22	13:23	AT	470652
Lead	SW6010B	1	0.10	3.00	8.25		mg/Kg	11/09/22	13:23	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:23	AT	470652
Nickel	SW6010B	1	0.50	5.00	145		mg/Kg	11/09/22	13:23	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:23	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:23	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:23	AT	470652
Vanadium	SW6010B	1	0.10	5.00	44.4		mg/Kg	11/09/22	13:23	AT	470652
Zinc	SW6010B	1	0.30	5.00	57.0		mg/Kg	11/09/22	13:23	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-21-0.0-0.5	Lab Sample ID:	2211081-019A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 8:35		
SDG:			

Prep Method:	7471BP	Prep Batch Date/Time:	11/8/22	2:10:00PM
Prep Batch ID:	1146582	Prep Analyst:	AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:53	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-21-0.0-0.5	Lab Sample ID:	2211081-019A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 8:35		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:25	AT	470652
Arsenic	SW6010B	1	0.15	1.30	7.35		mg/Kg	11/09/22	13:25	AT	470652
Barium	SW6010B	1	0.055	5.00	191		mg/Kg	11/09/22	13:25	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:25	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:25	AT	470652
Chromium	SW6010B	1	0.075	5.00	60.5		mg/Kg	11/09/22	13:25	AT	470652
Cobalt	SW6010B	1	0.070	5.00	12.3		mg/Kg	11/09/22	13:25	AT	470652
Copper	SW6010B	1	0.20	5.00	39.5		mg/Kg	11/09/22	13:25	AT	470652
Lead	SW6010B	1	0.10	3.00	127		mg/Kg	11/09/22	13:25	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:25	AT	470652
Nickel	SW6010B	1	0.50	5.00	96.5		mg/Kg	11/09/22	13:25	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:25	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:25	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:25	AT	470652
Vanadium	SW6010B	1	0.10	5.00	41.3		mg/Kg	11/09/22	13:25	AT	470652
Zinc	SW6010B	1	0.30	5.00	112		mg/Kg	11/09/22	13:25	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-21-0.0-0.5	Lab Sample ID:	2211081-019A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 8:35		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 11/8/22	10:14:00AM
Prep Batch ID: 1146562	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

alpha-BHC	SW8081B	10	2.5	20	ND		ug/Kg	11/09/22	0:40	LA	470643
gamma-BHC (Lindane)	SW8081B	10	7.1	20	ND		ug/Kg	11/09/22	0:40	LA	470643
beta-BHC	SW8081B	10	4.4	20	ND		ug/Kg	11/09/22	0:40	LA	470643
delta-BHC	SW8081B	10	6.5	20	ND		ug/Kg	11/09/22	0:40	LA	470643
Heptachlor	SW8081B	10	2.7	20	ND		ug/Kg	11/09/22	0:40	LA	470643
Aldrin	SW8081B	10	2.9	20	ND		ug/Kg	11/09/22	0:40	LA	470643
Heptachlor Epoxide	SW8081B	10	3.1	20	ND		ug/Kg	11/09/22	0:40	LA	470643
gamma-Chlordane	SW8081B	10	15	30	ND		ug/Kg	11/09/22	0:40	LA	470643
alpha-Chlordane	SW8081B	10	3.6	20	ND		ug/Kg	11/09/22	0:40	LA	470643
4,4'-DDE	SW8081B	10	6.1	20	ND		ug/Kg	11/09/22	0:40	LA	470643
Endosulfan I	SW8081B	10	2.9	20	ND		ug/Kg	11/09/22	0:40	LA	470643
Dieldrin	SW8081B	10	2.5	20	ND		ug/Kg	11/09/22	0:40	LA	470643
Endrin	SW8081B	10	7.9	20	ND		ug/Kg	11/09/22	0:40	LA	470643
4,4'-DDD	SW8081B	10	6.4	20	ND		ug/Kg	11/09/22	0:40	LA	470643
Endosulfan II	SW8081B	10	3.4	20	ND		ug/Kg	11/09/22	0:40	LA	470643
4,4'-DDT	SW8081B	10	7.4	20	ND		ug/Kg	11/09/22	0:40	LA	470643
Endrin Aldehyde	SW8081B	10	5.1	20	ND		ug/Kg	11/09/22	0:40	LA	470643
Methoxychlor	SW8081B	10	26	60	ND		ug/Kg	11/09/22	0:40	LA	470643
Endosulfan Sulfate	SW8081B	10	5.1	20	ND		ug/Kg	11/09/22	0:40	LA	470643
Endrin Ketone	SW8081B	10	4.3	20	ND		ug/Kg	11/09/22	0:40	LA	470643
Chlordane, Technical	SW8081B	10	130	200	ND		ug/Kg	11/09/22	0:40	LA	470643
Toxaphene	SW8081B	10	220	500	ND		ug/Kg	11/09/22	0:40	LA	470643
Acceptance Limits											
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		71.3		%	11/09/22	0:40	LA	470643
Decachlorobiphenyl (S)	SW8081B		38 - 135		67.3		%	11/09/22	0:40	LA	470643

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-21-2.5-3.0	Lab Sample ID:	2211081-020A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 8:37		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:55	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-21-2.5-3.0	Lab Sample ID:	2211081-020A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 8:37		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:27	AT	470652
Arsenic	SW6010B	1	0.15	1.30	7.20		mg/Kg	11/09/22	13:27	AT	470652
Barium	SW6010B	1	0.055	5.00	170		mg/Kg	11/09/22	13:27	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:27	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:27	AT	470652
Chromium	SW6010B	1	0.075	5.00	71.5		mg/Kg	11/09/22	13:27	AT	470652
Cobalt	SW6010B	1	0.070	5.00	13.2		mg/Kg	11/09/22	13:27	AT	470652
Copper	SW6010B	1	0.20	5.00	27.6		mg/Kg	11/09/22	13:27	AT	470652
Lead	SW6010B	1	0.10	3.00	8.10		mg/Kg	11/09/22	13:27	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:27	AT	470652
Nickel	SW6010B	1	0.50	5.00	102		mg/Kg	11/09/22	13:27	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:27	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:27	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:27	AT	470652
Vanadium	SW6010B	1	0.10	5.00	47.1		mg/Kg	11/09/22	13:27	AT	470652
Zinc	SW6010B	1	0.30	5.00	55.5		mg/Kg	11/09/22	13:27	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-23-0.0-0.5	Lab Sample ID:	2211081-022A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:45		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:57	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-23-0.0-0.5	Lab Sample ID:	2211081-022A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:45		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:28	AT	470652
Arsenic	SW6010B	1	0.15	1.30	6.00		mg/Kg	11/09/22	13:28	AT	470652
Barium	SW6010B	1	0.055	5.00	165		mg/Kg	11/09/22	13:28	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:28	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:28	AT	470652
Chromium	SW6010B	1	0.075	5.00	11.8		mg/Kg	11/09/22	13:28	AT	470652
Cobalt	SW6010B	1	0.070	5.00	10.0		mg/Kg	11/09/22	13:28	AT	470652
Copper	SW6010B	1	0.20	5.00	26.9		mg/Kg	11/09/22	13:28	AT	470652
Lead	SW6010B	1	0.10	3.00	21.8		mg/Kg	11/09/22	13:28	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:28	AT	470652
Nickel	SW6010B	1	0.50	5.00	17.2		mg/Kg	11/09/22	13:28	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:28	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:28	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:28	AT	470652
Vanadium	SW6010B	1	0.10	5.00	36.6		mg/Kg	11/09/22	13:28	AT	470652
Zinc	SW6010B	1	0.30	5.00	91.0		mg/Kg	11/09/22	13:28	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-23-0.0-0.5	Lab Sample ID:	2211081-022A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:45		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 11/8/22	10:14:00AM
Prep Batch ID: 1146562	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
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The results shown below are reported using their MDL.

alpha-BHC	SW8081B	10	2.5	20	ND		ug/Kg	11/09/22	0:53	LA	470643
gamma-BHC (Lindane)	SW8081B	10	7.1	20	ND		ug/Kg	11/09/22	0:53	LA	470643
beta-BHC	SW8081B	10	4.4	20	ND		ug/Kg	11/09/22	0:53	LA	470643
delta-BHC	SW8081B	10	6.5	20	ND		ug/Kg	11/09/22	0:53	LA	470643
Heptachlor	SW8081B	10	2.7	20	ND		ug/Kg	11/09/22	0:53	LA	470643
Aldrin	SW8081B	10	2.9	20	ND		ug/Kg	11/09/22	0:53	LA	470643
Heptachlor Epoxide	SW8081B	10	3.1	20	ND		ug/Kg	11/09/22	0:53	LA	470643
gamma-Chlordane	SW8081B	10	15	30	ND		ug/Kg	11/09/22	0:53	LA	470643
alpha-Chlordane	SW8081B	10	3.6	20	ND		ug/Kg	11/09/22	0:53	LA	470643
4,4'-DDE	SW8081B	10	6.1	20	ND		ug/Kg	11/09/22	0:53	LA	470643
Endosulfan I	SW8081B	10	2.9	20	ND		ug/Kg	11/09/22	0:53	LA	470643
Dieldrin	SW8081B	10	2.5	20	2.70	J	ug/Kg	11/09/22	0:53	LA	470643
Endrin	SW8081B	10	7.9	20	ND		ug/Kg	11/09/22	0:53	LA	470643
4,4'-DDD	SW8081B	10	6.4	20	ND		ug/Kg	11/09/22	0:53	LA	470643
Endosulfan II	SW8081B	10	3.4	20	ND		ug/Kg	11/09/22	0:53	LA	470643
4,4'-DDT	SW8081B	10	7.4	20	ND		ug/Kg	11/09/22	0:53	LA	470643
Endrin Aldehyde	SW8081B	10	5.1	20	ND		ug/Kg	11/09/22	0:53	LA	470643
Methoxychlor	SW8081B	10	26	60	ND		ug/Kg	11/09/22	0:53	LA	470643
Endosulfan Sulfate	SW8081B	10	5.1	20	ND		ug/Kg	11/09/22	0:53	LA	470643
Endrin Ketone	SW8081B	10	4.3	20	ND		ug/Kg	11/09/22	0:53	LA	470643
Chlordane, Technical	SW8081B	10	130	200	ND		ug/Kg	11/09/22	0:53	LA	470643
Toxaphene	SW8081B	10	220	500	ND		ug/Kg	11/09/22	0:53	LA	470643
Acceptance Limits											
Tetrachloro-M-Xylene (S)	SW8081B		48 - 125		77.6		%	11/09/22	0:53	LA	470643
Decachlorobiphenyl (S)	SW8081B		38 - 135		62.6		%	11/09/22	0:53	LA	470643

NOTE: Sample diluted due to the nature of the sample matrix (dark colored extract)



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-23-0.0-0.5	Lab Sample ID:	2211081-022A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:45		
SDG:			

Prep Method: 3546_TPH	Prep Batch Date/Time: 11/8/22	10:39:00AM
Prep Batch ID: 1146564	Prep Analyst: AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	6.6	20	40.4	x	mg/Kg	11/09/22	8:52		470644
			Acceptance Limits								
Pentacosane (S)	SW8015B		45 - 130		48.6		%	11/09/22	8:52		470644

NOTE: x-Diesel value the result of overlap of Oil range into Diesel range



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-23-2.5-3.0	Lab Sample ID:	2211081-023A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:47		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	14:59	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-23-2.5-3.0	Lab Sample ID:	2211081-023A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:47		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:33	AT	470652
Arsenic	SW6010B	1	0.15	1.30	7.45		mg/Kg	11/09/22	13:33	AT	470652
Barium	SW6010B	1	0.055	5.00	229		mg/Kg	11/09/22	13:33	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:33	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:33	AT	470652
Chromium	SW6010B	1	0.075	5.00	52.5		mg/Kg	11/09/22	13:33	AT	470652
Cobalt	SW6010B	1	0.070	5.00	11.4		mg/Kg	11/09/22	13:33	AT	470652
Copper	SW6010B	1	0.20	5.00	36.0		mg/Kg	11/09/22	13:33	AT	470652
Lead	SW6010B	1	0.10	3.00	134		mg/Kg	11/09/22	13:33	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:33	AT	470652
Nickel	SW6010B	1	0.50	5.00	73.0		mg/Kg	11/09/22	13:33	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:33	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:33	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:33	AT	470652
Vanadium	SW6010B	1	0.10	5.00	38.7		mg/Kg	11/09/22	13:33	AT	470652
Zinc	SW6010B	1	0.30	5.00	149		mg/Kg	11/09/22	13:33	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-23-4.5-5.0	Lab Sample ID:	2211081-024A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:49		
SDG:			

Prep Method: 7471BP	Prep Batch Date/Time: 11/8/22	2:10:00PM
Prep Batch ID: 1146582	Prep Analyst: AJNG	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	11/09/22	15:02	BJAY	470663



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	SB-23-4.5-5.0	Lab Sample ID:	2211081-024A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Soil
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 9:49		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 11/8/22	1:50:00PM
Prep Batch ID: 1146584	Prep Analyst:	AJNG

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:35	AT	470652
Arsenic	SW6010B	1	0.15	1.30	6.80		mg/Kg	11/09/22	13:35	AT	470652
Barium	SW6010B	1	0.055	5.00	161		mg/Kg	11/09/22	13:35	AT	470652
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	11/09/22	13:35	AT	470652
Cadmium	SW6010B	1	0.10	0.750	ND		mg/Kg	11/09/22	13:35	AT	470652
Chromium	SW6010B	1	0.075	5.00	70.5		mg/Kg	11/09/22	13:35	AT	470652
Cobalt	SW6010B	1	0.070	5.00	13.8		mg/Kg	11/09/22	13:35	AT	470652
Copper	SW6010B	1	0.20	5.00	21.4		mg/Kg	11/09/22	13:35	AT	470652
Lead	SW6010B	1	0.10	3.00	8.50		mg/Kg	11/09/22	13:35	AT	470652
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	11/09/22	13:35	AT	470652
Nickel	SW6010B	1	0.50	5.00	93.5		mg/Kg	11/09/22	13:35	AT	470652
Selenium	SW6010B	1	0.35	1.10	ND		mg/Kg	11/09/22	13:35	AT	470652
Silver	SW6010B	1	0.15	0.500	ND		mg/Kg	11/09/22	13:35	AT	470652
Thallium	SW6010B	1	0.20	5.00	ND		mg/Kg	11/09/22	13:35	AT	470652
Vanadium	SW6010B	1	0.10	5.00	43.1		mg/Kg	11/09/22	13:35	AT	470652
Zinc	SW6010B	1	0.30	5.00	53.0		mg/Kg	11/09/22	13:35	AT	470652



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	EB-2022-11-04	Lab Sample ID:	2211081-026A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Water
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 13:20		
SDG:			

Prep Method: 3510_OCP	Prep Batch Date/Time: 11/10/22 12:55:00PM
Prep Batch ID: 1146630	Prep Analyst: NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.00065	0.020	ND		ug/L	11/11/22	17:56	LA	470768
gamma-BHC (Lindane)	SW8081B	1	0.0019	0.020	ND		ug/L	11/11/22	17:56	LA	470768
beta-BHC	SW8081B	1	0.0046	0.020	ND		ug/L	11/11/22	17:56	LA	470768
delta-BHC	SW8081B	1	0.0010	0.020	ND		ug/L	11/11/22	17:56	LA	470768
Heptachlor	SW8081B	1	0.010	0.020	ND		ug/L	11/11/22	17:56	LA	470768
Aldrin	SW8081B	1	0.00085	0.020	ND		ug/L	11/11/22	17:56	LA	470768
Heptachlor Epoxide	SW8081B	1	0.0031	0.020	ND		ug/L	11/11/22	17:56	LA	470768
gamma-Chlordane	SW8081B	1	0.0040	0.020	ND		ug/L	11/11/22	17:56	LA	470768
alpha-Chlordane	SW8081B	1	0.0035	0.020	ND		ug/L	11/11/22	17:56	LA	470768
4,4-DDE	SW8081B	1	0.0088	0.020	ND		ug/L	11/11/22	17:56	LA	470768
Endosulfan I	SW8081B	1	0.0060	0.020	ND		ug/L	11/11/22	17:56	LA	470768
Dieldrin	SW8081B	1	0.0031	0.020	ND		ug/L	11/11/22	17:56	LA	470768
Endrin	SW8081B	1	0.0034	0.020	ND		ug/L	11/11/22	17:56	LA	470768
4,4-DDD	SW8081B	1	0.0028	0.020	ND		ug/L	11/11/22	17:56	LA	470768
Endosulfan II	SW8081B	1	0.0021	0.020	ND		ug/L	11/11/22	17:56	LA	470768
4,4-DDT	SW8081B	1	0.0051	0.020	ND		ug/L	11/11/22	17:56	LA	470768
Endrin Aldehyde	SW8081B	1	0.014	0.020	ND		ug/L	11/11/22	17:56	LA	470768
Methoxychlor	SW8081B	1	0.0046	0.020	ND		ug/L	11/11/22	17:56	LA	470768
Endosulfan Sulfate	SW8081B	1	0.0027	0.020	ND		ug/L	11/11/22	17:56	LA	470768
Endrin Ketone	SW8081B	1	0.0080	0.020	ND		ug/L	11/11/22	17:56	LA	470768
Chlordane, Technical	SW8081B	1	0.13	0.25	ND		ug/L	11/11/22	17:56	LA	470768
Toxaphene	SW8081B	1	0.31	1.0	ND		ug/L	11/11/22	17:56	LA	470768
Tetrachloro-M-Xylene	SW8081B	1			85.2		ug/L	11/11/22	17:56	LA	470768
Decachlorobiphenyl	SW8081B	1			41.3	S	ug/L	11/11/22	17:56	LA	470768

NOTE: S-DCBP surrogate outside of control limits due to possible matrix interference



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	EB-2022-11-04	Lab Sample ID:	2211081-026A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Water
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 13:20		
SDG:			

Prep Method: 3510_TPH	Prep Batch Date/Time: 11/11/22	11:18:00AM
Prep Batch ID: 1146656	Prep Analyst: AKIZ	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	ND		mg/L	11/11/22	20:32	LA	470735
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		82.3		%	11/11/22	20:32	LA	470735



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	EB-2022-11-04	Lab Sample ID:	2211081-026B
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Water
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 13:20		
SDG:			

Prep Method: 7470AP	Prep Batch Date/Time: 11/8/22	3:30:00PM
Prep Batch ID: 1146598	Prep Analyst: BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7470A	1	0.00013	0.00020	0.00030		mg/L	11/09/22	12:32	BJAY	470666



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	EB-2022-11-04	Lab Sample ID:	2211081-026B
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Water
Project Number:	404102003		
Date/Time Sampled:	11/04/22 / 13:20		
SDG:			

Prep Method: 3010A	Prep Batch Date/Time: 11/8/22	3:30:00PM
Prep Batch ID: 1146592	Prep Analyst:	BJAY

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.0050	0.010	ND		mg/L	11/08/22	19:30	AT	470675
Arsenic	SW6010B	1	0.0040	0.010	ND		mg/L	11/08/22	19:30	AT	470675
Barium	SW6010B	1	0.0010	0.10	ND		mg/L	11/08/22	19:30	AT	470675
Beryllium	SW6010B	1	0.0010	0.0050	ND		mg/L	11/08/22	19:30	AT	470675
Cadmium	SW6010B	1	0.0020	0.0050	ND		mg/L	11/08/22	19:30	AT	470675
Chromium	SW6010B	1	0.0010	0.050	ND		mg/L	11/08/22	19:30	AT	470675
Cobalt	SW6010B	1	0.0010	0.0050	ND		mg/L	11/08/22	19:30	AT	470675
Copper	SW6010B	1	0.0020	0.0050	ND		mg/L	11/08/22	19:30	AT	470675
Lead	SW6010B	1	0.0014	0.015	ND		mg/L	11/08/22	19:30	AT	470675
Molybdenum	SW6010B	1	0.0020	0.10	ND		mg/L	11/08/22	19:30	AT	470675
Nickel	SW6010B	1	0.0020	0.050	ND		mg/L	11/08/22	19:30	AT	470675
Selenium	SW6010B	1	0.0070	0.010	ND		mg/L	11/08/22	19:30	AT	470675
Silver	SW6010B	1	0.0040	0.010	ND		mg/L	11/08/22	19:30	AT	470675
Thallium	SW6010B	1	0.0040	0.015	ND		mg/L	11/08/22	19:30	AT	470675
Vanadium	SW6010B	1	0.0020	0.020	ND		mg/L	11/08/22	19:30	AT	470675
Zinc	SW6010B	1	0.0020	0.050	ND		mg/L	11/08/22	19:30	AT	470675



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	EB-2022-11-07	Lab Sample ID:	2211081-027A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Water
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 13:00		
SDG:			

Prep Method: 3510_OCP	Prep Batch Date/Time: 11/10/22 12:55:00PM
Prep Batch ID: 1146630	Prep Analyst: NDUM

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.00065	0.020	ND		ug/L	11/11/22	18:09	LA	470768
gamma-BHC (Lindane)	SW8081B	1	0.0019	0.020	ND		ug/L	11/11/22	18:09	LA	470768
beta-BHC	SW8081B	1	0.0046	0.020	ND		ug/L	11/11/22	18:09	LA	470768
delta-BHC	SW8081B	1	0.0010	0.020	ND		ug/L	11/11/22	18:09	LA	470768
Heptachlor	SW8081B	1	0.010	0.020	ND		ug/L	11/11/22	18:09	LA	470768
Aldrin	SW8081B	1	0.00085	0.020	ND		ug/L	11/11/22	18:09	LA	470768
Heptachlor Epoxide	SW8081B	1	0.0031	0.020	ND		ug/L	11/11/22	18:09	LA	470768
gamma-Chlordane	SW8081B	1	0.0040	0.020	ND		ug/L	11/11/22	18:09	LA	470768
alpha-Chlordane	SW8081B	1	0.0035	0.020	ND		ug/L	11/11/22	18:09	LA	470768
4,4-DDE	SW8081B	1	0.0088	0.020	ND		ug/L	11/11/22	18:09	LA	470768
Endosulfan I	SW8081B	1	0.0060	0.020	ND		ug/L	11/11/22	18:09	LA	470768
Dieldrin	SW8081B	1	0.0031	0.020	ND		ug/L	11/11/22	18:09	LA	470768
Endrin	SW8081B	1	0.0034	0.020	ND		ug/L	11/11/22	18:09	LA	470768
4,4-DDD	SW8081B	1	0.0028	0.020	ND		ug/L	11/11/22	18:09	LA	470768
Endosulfan II	SW8081B	1	0.0021	0.020	ND		ug/L	11/11/22	18:09	LA	470768
4,4-DDT	SW8081B	1	0.0051	0.020	ND		ug/L	11/11/22	18:09	LA	470768
Endrin Aldehyde	SW8081B	1	0.014	0.020	ND		ug/L	11/11/22	18:09	LA	470768
Methoxychlor	SW8081B	1	0.0046	0.020	ND		ug/L	11/11/22	18:09	LA	470768
Endosulfan Sulfate	SW8081B	1	0.0027	0.020	ND		ug/L	11/11/22	18:09	LA	470768
Endrin Ketone	SW8081B	1	0.0080	0.020	ND		ug/L	11/11/22	18:09	LA	470768
Chlordane, Technical	SW8081B	1	0.13	0.25	ND		ug/L	11/11/22	18:09	LA	470768
Toxaphene	SW8081B	1	0.31	1.0	ND		ug/L	11/11/22	18:09	LA	470768
Tetrachloro-M-Xylene	SW8081B	1			84.7		ug/L	11/11/22	18:09	LA	470768
Decachlorobiphenyl	SW8081B	1			35.3	S	ug/L	11/11/22	18:09	LA	470768

NOTE: S-DCBP surrogate outside of control limits due to possible matrix interference



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	EB-2022-11-07	Lab Sample ID:	2211081-027A
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Water
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 13:00		
SDG:			

Prep Method: 3510_TPH	Prep Batch Date/Time: 11/11/22	11:18:00AM
Prep Batch ID: 1146656	Prep Analyst:	AKIZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.037	0.10	ND		mg/L	11/11/22	20:56	LA	470735
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		97.1		%	11/11/22	20:56	LA	470735



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	EB-2022-11-07	Lab Sample ID:	2211081-027B
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Water
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 13:00		
SDG:			

Prep Method: 7470AP	Prep Batch Date/Time: 11/8/22	3:30:00PM
Prep Batch ID: 1146598	Prep Analyst: BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7470A	1	0.00013	0.00020	0.00064		mg/L	11/09/22	12:43	BJAY	470666



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/07/22, 5:10 pm
Date Reported: 11/15/22

Client Sample ID:	EB-2022-11-07	Lab Sample ID:	2211081-027B
Project Name/Location:	Unity Council 2700 International Blvd	Sample Matrix:	Water
Project Number:	404102003		
Date/Time Sampled:	11/07/22 / 13:00		
SDG:			

Prep Method: 3010A	Prep Batch Date/Time: 11/8/22	3:30:00PM
Prep Batch ID: 1146592	Prep Analyst:	BJAY

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.0050	0.010	ND		mg/L	11/08/22	19:31	AT	470675
Arsenic	SW6010B	1	0.0040	0.010	ND		mg/L	11/08/22	19:31	AT	470675
Barium	SW6010B	1	0.0010	0.10	ND		mg/L	11/08/22	19:31	AT	470675
Beryllium	SW6010B	1	0.0010	0.0050	ND		mg/L	11/08/22	19:31	AT	470675
Cadmium	SW6010B	1	0.0020	0.0050	ND		mg/L	11/08/22	19:31	AT	470675
Chromium	SW6010B	1	0.0010	0.050	ND		mg/L	11/08/22	19:31	AT	470675
Cobalt	SW6010B	1	0.0010	0.0050	ND		mg/L	11/08/22	19:31	AT	470675
Copper	SW6010B	1	0.0020	0.0050	ND		mg/L	11/08/22	19:31	AT	470675
Lead	SW6010B	1	0.0014	0.015	ND		mg/L	11/08/22	19:31	AT	470675
Molybdenum	SW6010B	1	0.0020	0.10	ND		mg/L	11/08/22	19:31	AT	470675
Nickel	SW6010B	1	0.0020	0.050	ND		mg/L	11/08/22	19:31	AT	470675
Selenium	SW6010B	1	0.0070	0.010	ND		mg/L	11/08/22	19:31	AT	470675
Silver	SW6010B	1	0.0040	0.010	ND		mg/L	11/08/22	19:31	AT	470675
Thallium	SW6010B	1	0.0040	0.015	ND		mg/L	11/08/22	19:31	AT	470675
Vanadium	SW6010B	1	0.0020	0.020	ND		mg/L	11/08/22	19:31	AT	470675
Zinc	SW6010B	1	0.0020	0.050	ND		mg/L	11/08/22	19:31	AT	470675



MB Summary Report

Work Order:	2211081	Prep Method:	3546_OCP	Prep Date:	11/08/22	Prep Batch:	1146562
Matrix:	Soil	Analytical Method:	SW8081B	Analyzed Date:	11/8/2022	Analytical Batch:	470643
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
alpha-BHC	0.25	2.0	ND		
gamma-BHC (Lindane)	0.71	2.0	ND		
beta-BHC	0.44	2.0	ND		
delta-BHC	0.65	2.0	ND		
Heptachlor	0.27	2.0	ND		
Aldrin	0.29	2.0	ND		
Heptachlor Epoxide	0.31	2.0	ND		
gamma-Chlordane	1.5	3.0	ND		
alpha-Chlordane	0.36	2.0	ND		
4,4'-DDE	0.61	2.0	ND		
Endosulfan I	0.29	2.0	ND		
Dieldrin	0.25	2.0	ND		
Endrin	0.79	2.0	ND		
4,4'-DDD	0.64	2.0	ND		
Endosulfan II	0.34	2.0	ND		
4,4'-DDT	0.74	2.0	ND		
Endrin Aldehyde	0.51	2.0	ND		
Methoxychlor	2.6	6.0	ND		
Endosulfan Sulfate	0.51	2.0	ND		
Endrin Ketone	0.43	2.0	ND		
Chlordane, Technical	13	20	ND		
Toxaphene	22	50	ND		
Tetrachloro-M-Xylene (S)			90.2		
Decachlorobiphenyl (S)			95.0		

Work Order:	2211081	Prep Method:	3546_TPH	Prep Date:	11/08/22	Prep Batch:	1146564
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	11/9/2022	Analytical Batch:	470644
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Diesel	0.66	2.0	1.75		
TPH as Motor Oil	0.76	5.0	3.08		
Pentacosane (S)			83.3		

Work Order:	2211081	Prep Method:	7471BP	Prep Date:	11/08/22	Prep Batch:	1146582
Matrix:	Soil	Analytical Method:	SW7471B	Analyzed Date:	11/9/2022	Analytical Batch:	470663
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Mercury	0.083	0.50	ND		



MB Summary Report

Work Order:	2211081	Prep Method:	3050B	Prep Date:	11/08/22	Prep Batch:	1146584
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	11/9/2022	Analytical Batch:	470652
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Antimony	0.050	5.00	ND		
Arsenic	0.15	1.30	ND		
Barium	0.055	5.00	ND		
Beryllium	0.055	5.00	ND		
Cadmium	0.10	0.750	ND		
Chromium	0.075	5.00	0.080		
Cobalt	0.070	5.00	ND		
Copper	0.20	5.00	ND		
Lead	0.10	3.00	0.11		
Molybdenum	0.050	5.00	0.080		
Nickel	0.50	5.00	ND		
Selenium	0.35	1.10	ND		
Silver	0.15	0.500	ND		
Thallium	0.55	5.00	ND		
Vanadium	0.10	5.00	ND		
Zinc	0.30	5.00	ND		

Work Order:	2211081	Prep Method:	3010A	Prep Date:	11/08/22	Prep Batch:	1146592
Matrix:	Water	Analytical Method:	SW6010B	Analyzed Date:	11/8/2022	Analytical Batch:	470675
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Antimony	0.0050	0.010	ND		
Arsenic	0.0040	0.010	ND		
Barium	0.0010	0.10	ND		
Beryllium	0.0010	0.0050	ND		
Cadmium	0.0020	0.0050	ND		
Chromium	0.0010	0.050	ND		
Cobalt	0.0010	0.0050	ND		
Copper	0.0020	0.0050	ND		
Lead	0.0014	0.015	0.0014		
Molybdenum	0.0020	0.10	ND		
Nickel	0.0020	0.050	ND		
Selenium	0.0070	0.010	ND		
Silver	0.0040	0.010	ND		
Thallium	0.0040	0.015	ND		
Vanadium	0.0010	0.020	ND		
Zinc	0.0020	0.050	ND		



MB Summary Report

Work Order:	2211081	Prep Method:	7470AP	Prep Date:	11/08/22	Prep Batch:	1146598
Matrix:	Water	Analytical Method:	SW7470A	Analyzed Date:	11/9/2022	Analytical Batch:	470666
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Mercury	0.00013	0.00020	ND		

Work Order:	2211081	Prep Method:	3510_OCP	Prep Date:	11/10/22	Prep Batch:	1146630
Matrix:	Water	Analytical Method:	SW8081B	Analyzed Date:	11/11/2022	Analytical Batch:	470768
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
alpha-BHC	0.00065	0.020	ND		
gamma-BHC (Lindane)	0.0019	0.020	ND		
beta-BHC	0.0046	0.020	ND		
delta-BHC	0.0010	0.020	ND		
Heptachlor	0.010	0.020	ND		
Aldrin	0.00085	0.020	ND		
Heptachlor Epoxide	0.0031	0.020	ND		
gamma-Chlordane	0.0040	0.020	ND		
alpha-Chlordane	0.0035	0.020	ND		
4,4-DDE	0.0088	0.020	ND		
Endosulfan I	0.0060	0.020	ND		
Dieldrin	0.0031	0.020	ND		
Endrin	0.0034	0.020	ND		
4,4-DDD	0.0028	0.020	ND		
Endosulfan II	0.0021	0.020	ND		
4,4-DDT	0.0051	0.020	ND		
Endrin Aldehyde	0.014	0.020	ND		
Methoxychlor	0.0046	0.020	ND		
Endosulfan Sulfate	0.0027	0.020	ND		
Endrin Ketone	0.0080	0.020	ND		
Chlordane, Technical	0.13	0.25	ND		
Toxaphene	0.31	1.0	ND		
Tetrachloro-M-Xylene			91.2		
Decachlorobiphenyl			96.0		

Work Order:	2211081	Prep Method:	3510_TPH	Prep Date:	11/11/22	Prep Batch:	1146656
Matrix:	Water	Analytical Method:	SW8015B	Analyzed Date:	11/11/2022	Analytical Batch:	470735
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH as Diesel	0.037	0.10	0.0444		
TPH as Motor Oil	0.11	0.40	ND		
Pentacosane (S)			99.7		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2211081	Prep Method:	3546_OCP	Prep Date:	11/08/22	Prep Batch:	1146562
Matrix:	Soil	Analytical Method:	SW8081B	Analyzed Date:	11/8/2022	Analytical Batch:	470643
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.16	2.0	ND	40	95.0	96.5	1.57	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	92.6	89.8	3.02	40 - 130	30	
Aldrin	0.20	2.0	ND	40	97.8	101	3.52	25 - 140	30	
delta-BHC	0.15	2.0	ND	40	95.3	99.3	4.11	60 - 130	30	
Heptachlor	0.19	2.0	ND	40	92.1	96.9	5.29	55 - 135	30	
4,4'-DDT	0.13	2.0	ND	40	84.4	91.6	7.95	45 - 140	30	
Tetrachloro-M-Xylene (S)				100	94.9	92.6		48 - 125		
Decachlorobiphenyl (S)				100	99.3	97.7		38 - 135		

Work Order:	2211081	Prep Method:	3546_TPH	Prep Date:	11/08/22	Prep Batch:	1146564
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	11/9/2022	Analytical Batch:	470644
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.66	2.0	1.75	25.0	77.2	81.4	5.54	52 - 115	30	
Pentacosane (S)				200	90.5	102		45 - 130		

Work Order:	2211081	Prep Method:	7471BP	Prep Date:	11/08/22	Prep Batch:	1146582
Matrix:	Soil	Analytical Method:	SW7471B	Analyzed Date:	11/9/2022	Analytical Batch:	470663
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	97.1	97.7	0.823	85 - 115	30	



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2211081	Prep Method:	3050B	Prep Date:	11/08/22	Prep Batch:	1146584
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	11/9/2022	Analytical Batch:	470652
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	97.7	95.9	1.86	80 - 120	30	
Arsenic	0.15	1.30	ND	50	97.3	95.4	2.07	80 - 120	30	
Barium	0.055	5.00	ND	50	101	98.9	2.00	80 - 120	30	
Beryllium	0.055	5.00	ND	50	99.9	98.2	1.82	80 - 120	30	
Cadmium	0.10	0.750	ND	50	98.3	96.3	2.05	80 - 120	30	
Chromium	0.075	5.00	0.080	50	101	99.1	1.80	80 - 120	30	
Cobalt	0.070	5.00	ND	50	99.3	97.5	1.83	80 - 120	30	
Copper	0.20	5.00	ND	50	101	98.7	2.20	80 - 120	30	
Lead	0.10	3.00	0.11	50	99.4	97.2	2.24	80 - 120	30	
Molybdenum	0.050	5.00	0.080	50	102	99.7	2.18	80 - 120	30	
Nickel	0.50	5.00	ND	50	99.4	97.5	1.83	80 - 120	30	
Selenium	0.22	5.00	ND	50	91.1	89.7	1.55	80 - 120	30	
Silver	0.15	5.00	ND	50	99.0	97.2	1.83	80 - 120	30	
Thallium	0.20	5.00	ND	50	98.7	97.0	1.84	80 - 120	30	
Vanadium	0.10	5.00	ND	50	101	99.0	2.00	80 - 120	30	
Zinc	0.30	5.00	ND	50	97.2	95.8	1.45	80 - 120	30	

Work Order:	2211081	Prep Method:	3010A	Prep Date:	11/08/22	Prep Batch:	1146592
Matrix:	Water	Analytical Method:	SW6010B	Analyzed Date:	11/8/2022	Analytical Batch:	470675
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.0050	0.010	ND	1	91.7	94.1	2.58	80 - 120	20	
Arsenic	0.0040	0.010	ND	1	87.8	89.0	1.36	80 - 120	20	
Barium	0.0010	0.0050	ND	1	96.1	99.1	3.07	80 - 120	20	
Beryllium	0.0010	0.0050	ND	1	91.6	94.4	3.01	80 - 120	20	
Cadmium	0.0020	0.0050	ND	1	87.6	90.0	2.70	80 - 120	20	
Chromium	0.0010	0.0050	ND	1	92.2	94.9	2.89	80 - 120	20	
Cobalt	0.0010	0.0050	ND	1	88.9	91.4	2.77	80 - 120	20	
Copper	0.0020	0.0050	ND	1	93.5	96.6	3.26	80 - 120	20	
Lead	0.0014	0.010	0.0014	1	87.9	90.6	3.03	80 - 120	20	
Molybdenum	0.0020	0.010	ND	1	99.0	96.2	2.87	80 - 120	20	
Nickel	0.0020	0.0050	ND	1	89.3	91.6	2.54	80 - 120	20	
Selenium	0.0070	0.010	ND	1	87.4	88.6	1.36	80 - 120	20	
Silver	0.0040	0.010	ND	1	94.6	97.3	2.81	80 - 120	20	
Thallium	0.0040	0.015	ND	1	89.8	91.9	2.31	80 - 120	20	
Vanadium	0.0020	0.0050	ND	1	93.0	95.6	2.76	80 - 120	20	
Zinc	0.0020	0.010	ND	1	86.1	88.3	2.52	80 - 120	20	



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2211081	Prep Method:	7470AP	Prep Date:	11/08/22	Prep Batch:	1146598
Matrix:	Water	Analytical Method:	SW7470A	Analyzed Date:	11/9/2022	Analytical Batch:	470666
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.00013	0.00020	ND	0.015	98.2	95.2	2.76	80 - 120	20	

Work Order:	2211081	Prep Method:	3510_OCP	Prep Date:	11/10/22	Prep Batch:	1146630
Matrix:	Water	Analytical Method:	SW8081B	Analyzed Date:	11/11/2022	Analytical Batch:	470768
Units:	ug/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
gamma-BHC (Lindane)	0.0019	0.020	ND	0.200	113	111	1.79	25 - 135	30	
gamma-BHC (Lindane)	0.010	0.020	ND	0.200	112	109	2.70	40 - 130	30	
Aldrin	0.00085	0.020	ND	0.200	106	104	1.90	25 - 140	30	
Dieldrin	0.031	0.020	ND	0.200	116	114	2.18	60 - 130	30	
Endrin	0.0034	0.020	ND	0.200	118	116	1.28	55 - 135	30	
4,4-DDT	0.0051	0.020	ND	0.200	121	120	0.414	45 - 140	30	
Tetrachloro-M-Xylene			ND	100				35 - 105		
Decachlorobiphenyl			ND	100				44 - 101		

Work Order:	2211081	Prep Method:	3510_TPH	Prep Date:	11/11/22	Prep Batch:	1146656
Matrix:	Water	Analytical Method:	SW8015B	Analyzed Date:	11/11/2022	Analytical Batch:	470735
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
TPH as Diesel	0.037	0.10	0.0444	1.0	76.4	76.4	0.000	52 - 115	30	
Pentacosane (S)				200	80.9	64.4		59 - 129		



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2211081	Prep Method:	7471BP	Prep Date:	11/08/22	Prep Batch:	1146582
Matrix:	Soil	Analytical Method:	SW7471B	Analyzed Date:	11/9/2022	Analytical Batch:	470663
Spiked Sample:	2211081-002A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.047	0.50	ND	1.25	96.4	89.1	7.69	80 - 120	30	

Work Order:	2211081	Prep Method:	3050B	Prep Date:	11/08/22	Prep Batch:	1146584
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	11/9/2022	Analytical Batch:	470652
Spiked Sample:	2211081-002A						
Units:	mg/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.050	5.00	ND	50	81.6	80.7	0.985	30.7 - 130	30	
Arsenic	0.15	1.30	2.38	50	92.8	89.0	3.97	71.0 - 121	30	
Barium	0.055	5.00	66.0	50	77.0	90.0	5.56	70.2 - 130	30	
Beryllium	0.055	5.00	ND	50	90.8	89.7	1.32	73.3 - 115	30	
Cadmium	0.10	0.750	ND	50	86.9	86.4	0.689	80.0 - 110	30	
Chromium	0.075	5.00	12.9	50	106	99.2	5.45	76.0 - 116	30	
Cobalt	0.070	5.00	8.40	50	88.2	89.2	0.948	57.4 - 122	30	
Copper	0.20	5.00	24.8	50	118	97.4	13.3	74.8 - 119	30	
Lead	0.10	3.00	ND	50	91.8	89.0	2.95	57.9 - 118	30	
Molybdenum	0.050	5.00	ND	50	90.9	90.1	0.877	62.9 - 123	30	
Nickel	0.50	5.00	12.8	50	98.4	95.4	2.45	61.5 - 122	30	
Selenium	0.22	5.00	ND	50	78.5	77.5	1.28	62.0 - 111	30	
Silver	0.15	5.00	ND	50	94.0	93.4	0.638	75 - 125	30	
Thallium	0.20	5.00	ND	50	81.5	80.9	0.738	39.2 - 125	30	
Vanadium	0.10	5.00	47.4	50	104	97.2	3.58	65.8 - 122	30	
Zinc	0.30	5.00	72.0	50	59.0	92.0	14.5	59.9 - 122	30	S



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2211081	Prep Method:	3010A	Prep Date:	11/08/22	Prep Batch:	1146592
Matrix:	Water	Analytical Method:	SW6010B	Analyzed Date:	11/8/2022	Analytical Batch:	470675
Spiked Sample:	2211081-027B						
Units:	mg/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Antimony	0.00500	0.0100	ND	1	93.2	94.1	0.964	75 - 125	20	
Arsenic	0.00400	0.0100	ND	1	88.1	88.7	0.680	75 - 125	20	
Barium	0.00200	0.00500	ND	1	98.7	99.3	0.608	75 - 125	20	
Beryllium	0.00100	0.00500	ND	1	93.2	94.0	0.855	75 - 125	20	
Cadmium	0.00200	0.00500	ND	1	89.2	89.2	0.000	75 - 125	20	
Chromium	0.00100	0.00500	ND	1	94.0	94.6	0.636	75 - 125	20	
Cobalt	0.00100	0.00500	ND	1	90.6	91.0	0.441	75 - 125	20	
Copper	0.00200	0.00500	ND	1	96.0	96.6	0.624	75 - 125	20	
Lead	0.00140	0.0100	ND	1	89.4	89.9	0.556	75 - 125	20	
Molybdenum	0.00200	0.0100	ND	1	95.1	95.9	0.835	75 - 125	20	
Nickel	0.00200	0.00500	ND	1	90.7	91.3	0.659	75 - 125	20	
Selenium	0.00700	0.0100	ND	1	86.6	87.5	1.04	75 - 125	20	
Silver	0.00400	0.0100	ND	1	96.5	97.2	0.723	75 - 125	20	
Thallium	0.00400	0.0150	ND	1	91.3	91.7	0.438	75 - 125	20	
Vanadium	0.00200	0.00500	ND	1	95.1	95.8	0.734	75 - 125	20	
Zinc	0.00200	0.0100	ND	1	87.1	87.4	0.344	75 - 125	20	

Work Order:	2211081	Prep Method:	7470AP	Prep Date:	11/08/22	Prep Batch:	1146598
Matrix:	Water	Analytical Method:	SW7470A	Analyzed Date:	11/9/2022	Analytical Batch:	470666
Spiked Sample:	2211081-026B						
Units:	mg/L						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Mercury	0.000130	0.000200	0.000300	0.015	87.7	90.1	2.20	80 - 120	20	



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

<p>B - Indicates when the analyte is found in the associated method or preparation blank</p> <p>D - Surrogate is not recoverable due to the necessary dilution of the sample</p> <p>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.</p> <p>H- Indicates that the recommended holding time for the analyte or compound has been exceeded</p> <p>J- Indicates a value between the method MDL and PQL and that the reported concentration should be considered as estimated rather the quantitative</p> <p>NA - Not Analyzed</p> <p>N/A - Not Applicable</p> <p>ND - Not Detected at a concentration greater than the PQL/RL or, if reported to the MDL, at greater than the MDL.</p> <p>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</p> <p>R- The % RPD between a duplicate set of samples is outside of the absolute values established by laboratory control charts</p> <p>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</p> <p>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.</p>
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Sample Receipt Checklist

Client Name: Ninyo & Moore

Date and Time Received: 11/7/2022 5:10:00PM

Project Name: Unity Council 2700 International Blvd

Received By: Lorna Imbat

Work Order No.: 2211081

Physically Logged By: Lorna Imbat

Checklist Completed By: Lorna Imbat

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: 4.0 °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:



Login Summary Report

Client ID: TL5144 Ninyo & Moore
Project Name: Unity Council 2700 International Blvd
Project # : 404102003
Report Due Date: 11/15/2022

QC Level: II
TAT Requested: 5+ day:5
Date Received: 11/7/2022
Time Received: 5:10 pm

Comments:
Work Order # : **2211081**

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2211081-001A	SB-14-4.5-5.0	11/07/22 10:48	Soil	05/06/23			Hold Samples	
2211081-002A	SB-15-0.0-0.5	11/07/22 9:40	Soil	05/06/23			Met_S_6010B CAM17 Pest_S_8081OCP Hg_S_7471B	
2211081-003A	SB-15-2.5-3.0	11/07/22 9:42	Soil	05/06/23			Met_S_6010B CAM17 Hg_S_7471B	
2211081-004A	SB-15-4.5-5.0	11/07/22 9:44	Soil	05/06/23			Hold Samples	
2211081-005A	SB-16-0.0-0.5	11/04/22 11:45	Soil	05/03/23			Met_S_6010B CAM17 Pest_S_8081OCP Hg_S_7471B	
2211081-006A	SB-16-2.5-3.0	11/04/22 11:47	Soil	05/03/23			Met_S_6010B CAM17 Hg_S_7471B	
2211081-007A	SB-16-4.5-5.0	11/04/22 11:50	Soil	05/03/23			Hold Samples	
2211081-008A	SB-17-0.0-0.5	11/07/22 9:00	Soil	05/06/23			Met_S_6010B CAM17 Pest_S_8081OCP Hg_S_7471B	
2211081-009A	SB-17-2.5-3.0	11/07/22 9:02	Soil	05/06/23			Met_S_6010B CAM17 Hg_S_7471B	
2211081-010A	SB-17-4.5-5.0	11/07/22 9:04	Soil	05/06/23			Hold Samples	
2211081-011A	SB-18-0.0-0.5	11/07/22 9:18	Soil	05/06/23			Met_S_6010B CAM17 Hg_S_7471B	
2211081-012A	SB-18-2.5-3.0	11/07/22 9:20	Soil	05/06/23			Met_S_6010B CAM17 Hg_S_7471B	
2211081-013A	SB-18-4.5-5.0	11/07/22 9:22	Soil	05/06/23			Hold Samples	
2211081-014A	SB-19-0.0-0.5	11/04/22 10:58	Soil	05/03/23			Met_S_6010B CAM17 Hg_S_7471B	
2211081-015A	SB-19-5.0-5.5	11/04/22 11:00	Soil	05/03/23			Met_S_6010B CAM17	



Login Summary Report

Client ID: TL5144 Ninyo & Moore
Project Name: Unity Council 2700 International Blvd
Project # : 404102003
Report Due Date: 11/15/2022

QC Level: II
TAT Requested: 5+ day:5
Date Received: 11/7/2022
Time Received: 5:10 pm

Comments:
Work Order # : **2211081**

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2211081-016A	SB-20-0.0-0.5	11/07/22 8:40	Soil	05/06/23			Hg_S_7471B	
2211081-017A	SB-20-2.5-3.0	11/07/22 8:42	Soil	05/06/23			Met_S_6010B CAM17 Hg_S_7471B	
2211081-018A	SB-20-4.5-5.0	11/07/22 8:44	Soil	05/06/23			Met_S_6010B CAM17 Hg_S_7471B	
2211081-019A	SB-21-0.0-0.5	11/04/22 8:35	Soil	05/03/23			Hold Samples	
2211081-020A	SB-21-2.5-3.0	11/04/22 8:37	Soil	05/03/23			Met_S_6010B CAM17 Pest_S_8081OCP Hg_S_7471B	
2211081-021A	SB-21-4.5-5.0	11/04/22 8:40	Soil	05/03/23			Met_S_6010B CAM17 Hg_S_7471B	
2211081-022A	SB-23-0.0-0.5	11/04/22 9:45	Soil	05/03/23			Hold Samples	
							Met_S_6010B CAM17 Pest_S_8081OCP TPHDO_S_8015(Mod) Hg_S_7471B	
Sample Note:	8015 for TPHd							
2211081-023A	SB-23-2.5-3.0	11/04/22 9:47	Soil	05/03/23			Met_S_6010B CAM17 Hg_S_7471B	
2211081-024A	SB-23-4.5-5.0	11/04/22 9:49	Soil	05/03/23			Met_S_6010B CAM17 Hg_S_7471B	
2211081-025A	SB-23-6.5-7.0	11/04/22 9:51	Soil	05/03/23			Hold Samples	
2211081-026A	EB-2022-11-04	11/04/22 13:20	Water	05/03/23			TPHDO_W_8015B(M) Pest_W_8081OCP	
2211081-026B	EB-2022-11-04	11/04/22 13:20	Water	05/03/23			Hg_W_7470A Met_W_CAM17_6010 B	
2211081-027A	EB-2022-11-07	11/07/22 13:00	Water	05/06/23				



Login Summary Report

Client ID: TL5144 Ninyo & Moore
Project Name: Unity Council 2700 International Blvd
Project # : 404102003
Report Due Date: 11/15/2022

QC Level: II
TAT Requested: 5+ day:5
Date Received: 11/7/2022
Time Received: 5:10 pm

Comments:
Work Order # : **2211081**

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2211081-027B	EB-2022-11-07	11/07/22 13:00	Water	05/06/23			TPHDO_W_8015B(M) Pest_W_8081OCP Hg_W_7470A Met_W_CAM17_6010 B	



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 Milpitas, CA 95035
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 FAX: 408.263.8293
 www.torrentlab.com

CHAIN OF CUSTODY

LAB WORK ORDER NO
2211081

Reset

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: Ninyo & Moore			<input checked="" type="checkbox"/> Env. <input type="checkbox"/> Non Env.	Project #: 404102003	PO#:
Address: 2020 Challenger Drive Unit 103			Project Name: Unity Council 2700 International Blvd.		
City: Alameda	State: CA	Zip Code: 94501		Comments:	
Telephone: 510-559-0929		Cell:		SAMPLER: Kristina Borg	
REPORT TO: Aubrey Cool		BILL TO: Ninyo & Moore		EMAIL: acool@ninyoandmoore.com	

TURNAROUND TIME:

- 2 - 8 Hours 2 Work Days 5 Work Days
 Noon - Nxt Day 3 Work Days 7 Work Days
 1 Work Day 4 Work Days 10 Work Days

SAMPLE TYPE:

- Drinking Water Air
 Storm Water Wipe
 Waste Water Other
 Ground Water Soil Product / Bulk

REPORT FORMAT:

- Level II - Std.
 DoD/DoE Level III
 DoD/DoE Level III
 Excel - EDD EDF
 Client Specific EDD

TPHd by EPA Method 8015M

Title 22 Metals by EPA Method 6010B/7471A

OCPs by EPA Method 8081

ANALYSIS REQUESTED

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPHd by EPA Method 8015M	Title 22 Metals by EPA Method 6010B/7471A	OCPs by EPA Method 8081	REMARKS
001A		SB-14-4.5-5.0	11/07/2022 1048	soil	1	8oz jar				HOLD
002A		SB-15-0.0-0.5	11/07/2022 0940	soil	1	8oz jar	✓	✓		
003A		SB-15-2.5-3.0	11/07/2022 0942	soil	1	8oz jar	✓			
004A		SB-15-4.5-5.0	11/07/2022 0944	soil	1	8oz jar				HOLD
005A		SB-16-0.0-0.5	11/04/2022 1145	soil	1	8oz jar	✓	✓		
006A		SB-16-2.5-3.0	11/04/2022 1147	soil	1	8oz jar	✓			
007A		SB-16-4.5-5.0	11/04/2022 1150	soil	1	8oz jar				HOLD
008A		SB-17-0.0-0.5	11/07/2022 0900	soil	1	8oz jar	✓	✓		
009A		SB-17-2.5-3.0	11/07/2022 0902	soil	1	8oz jar	✓			
010A		SB-17-4.5-5.0	11/07/2022 0904	soil	1	8oz jar				HOLD

1	Relinquished By: <i>Kristina Borg</i>	Print: Kristina Borg	Date: 11/07/2022	Time: 1710	Received By: <i>[Signature]</i>	Print: L-D. Imbat	Date: 11-7-22	Time: 0710
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Cooler Temperature 44.3 °C Samples Received on ice? Yes No Method of Shipment D/D

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.



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CHAIN OF CUSTODY

LAB WORK ORDER NO
 2211081

Reset

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: Ninyo & Moore		<input checked="" type="checkbox"/> Env. <input type="checkbox"/> Non Env.	Project #: 404102003	PO#:
Address: 2020 Challenger Drive Unity 103			Project Name: Unity Council 2700 International Blvd.	
City: Alameda	State: CA	Zip Code: 94501	Comments:	
Telephone: 510-559-0929	Cell:		SAMPLER: Kristina Borg	
REPORT TO: Aubrey Cool	BILL TO: Ninyo & Moore	EMAIL: acool@ninyoandmoore.com		

TURNAROUND TIME:

- 2 - 8 Hours 2 Work Days 5 Work Days
 Noon - Nxt Day 3 Work Days 7 Work Days
 1 Work Day 4 Work Days 10 Work Days

SAMPLE TYPE:

- Drinking Water Air
 Storm Water Wipe
 Waste Water Other
 Ground Water Soil Product / Bulk

REPORT FORMAT:

- Level II - Std.
 DoD/DoE Level III
 DoD/DoE Level III
 Excel - EDD EDF
 Client Specific EDD

TPHd by EPA Method 8015M

Title 22 Metals by EPA Method 6010B/7471A

OCPs by EPA Method 8081

ANALYSIS REQUESTED

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPHd by EPA Method 8015M	Title 22 Metals by EPA Method 6010B/7471A	OCPs by EPA Method 8081	REMARKS
-011A		SB-18-0.0-0.5	11/07/2022 0918	soil	1	8oz jar	✓			
-012A		SB-18-2.5-3.0	11/07/2022 0920	soil	1	8oz jar	✓			
-013A		SB-18-4.5-5.0	11/07/2022 0922	soil	1	8oz jar				HOLD
-014A		SB-19-0.0-0.5	11/04/2022 1058	soil	1	8oz jar	✓			
-015A		SB-19-5.0-5.5	11/04/2022 1100	soil	1	8oz jar	✓			
-016A		SB-20-0.0-0.5	11/07/2022 0840	soil	1	8oz jar	✓			
-017A		SB-20-2.5-3.0	11/07/2022 0842	soil	1	8oz jar	✓			
-018A		SB-20-4.5-5.0	11/07/2022 0844	soil	1	8oz jar				HOLD
-019A		SB-21-0.0-0.5	11/04/2022 0835	soil	1	8oz jar	✓	✓		
-020A		SB-21-2.5-3.0	11/04/2022 0837	soil	1	8oz jar	✓			

1	Relinquished By: <i>Kristina Borg</i>	Print: Kristina Borg	Date: 11/07/2022	Time: 1710	Received By: <i>[Signature]</i>	Print: L-D - Julest	Date: 11-7-22	Time: 1710
2	Relinquished By:	Print:	Date:	Time:	Received By:	Print:	Date:	Time:

Cooler Temperature 4.4 °C Samples Received on ice? Yes No

Method of Shipment D/D

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.



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CHAIN OF CUSTODY

LAB WORK ORDER NO
 2211081

Reset

NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY

Company Name: Ninyo & Moore		<input checked="" type="checkbox"/> Env. <input type="checkbox"/> Non Env.	Project #: 404102003	PO#:
Address: 2020 Challenger Drive			Project Name: Unity Council 2700 International Blvd.	
City: Alameda	State: CA	Zip Code: 94501	Comments:	
Telephone: 510-559-0929	Cell:	SAMPLER: Kristina Borg		
REPORT TO: Aubrey Cool	BILL TO: Ninyo & Moore	EMAIL: acool@ninyoandmoore.com		

TURNAROUND TIME:

2 - 8 Hours 2 Work Days 5 Work Days
 Noon - Nxt Day 3 Work Days 7 Work Days
 1 Work Day 4 Work Days 10 Work Days

SAMPLE TYPE:

Drinking Water Air
 Storm Water Wipe
 Waste Water Other
 Ground Water Product / Bulk
 Soil

REPORT FORMAT:

Level II - Std.
 DoD/DoE Level III
 DoD/DoE Level III
 Excel - EDD EDF
 Client Specific EDD

ANALYSIS REQUESTED

LAB ID	CANISTER I.D.	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPHid by EPA Method 8015M	Title 22 Metals by EPA Method 6010B/7471A	OCPs by EPA Method 8081	REMARKS
-021A		SB-21-4.5-5.0	11/04/2022 0840	soil	1	8oz jar				HOLD
-022A		SB-23-0.0-0.5	11/04/2022 0945	soil	1	8oz jar	✓	✓	✓	
-023A		SB-23-2.5-3.0	11/04/2022 0947	soil	1	8oz jar		✓		
-024A		SB-23-4.5-5.0	11/04/2022 0949	soil	1	8oz jar		✓		
-025A		SB-23-6.5-7.0	11/04/2022 0951	soil	1	8oz jar				HOLD
-026A		EB-2022-11-04	11/04/2022 1320	water	3	various	✓	✓	✓	
-027A		EB-2022-11-07	11/07/2022 1300	water	3	various	✓	✓	✓	

1	Relinquished By: <i>[Signature]</i> Print: Kristina Borg	Date: 11/07/2022	Time: 1710	Received By: <i>[Signature]</i> Print: L-D. Jibat	Date: 11-7-22	Time: 1710
2	Relinquished By:	Date:	Time:	Received By:	Date:	Time:

Cooler Temperature 44#3 °C Samples Received on ice? Yes No Method of Shipment D/O

NOTE: Samples are discarded by the laboratory 30 days from date of receipt unless other arrangements are made.



Ninyo & Moore
2020 Challenger Drive, Suite 103
Alameda, California 94501
Tel: 510-343-3000
RE: 2700 International Blvd

Work Order No.: 2211242

Dear Aubrey Cool:

Torrent Laboratory, Inc. received 6 sample(s) on November 18, 2022 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.

A handwritten signature in blue ink that reads "Kathie Evans". The signature is written in a cursive style.

Kathie Evans
Project Manager

November 29, 2022

Date



Date: 11/29/2022

Client: Ninyo & Moore

Project: 2700 International Blvd

Work Order: 2211242

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.



Sample Result Summary

Report prepared for: Aubrey Cool
Ninyo & Moore

Date Received: 11/18/22

Date Reported: 11/29/22

SB-11-SV

2211242-001

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results ug/m3</u>
Carbon Dioxide	D1946	4.3	0.043	0.22	0.88%
Oxygen	D1946	4.3	0.045	0.22	17%
Helium	D1946	4.8	0.011	2.4	0.16%
Carbon Disulfide	ETO15	1	0.37	1.6	2.1
Acetone	ETO15	1	0.40	12	20
2-Butanone (MEK)	ETO15	1	0.39	1.5	2.5
Toluene	ETO15	1	0.75	1.9	11
Tetrachloroethylene	ETO15	1	1.5	3.4	56
Ethyl Benzene	ETO15	1	0.63	2.2	8.0
m,p-Xylene	ETO15	1	0.98	2.2	33
o-Xylene	ETO15	1	0.30	2.2	18
4-Ethyl Toluene	ETO15	1	0.55	2.5	13
1,3,5-Trimethylbenzene	ETO15	1	0.30	2.5	11
1,2,4-Trimethylbenzene	ETO15	1	0.60	2.5	23

SB-12-SV

2211242-002

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results ug/m3</u>
Helium	D1946	10.6	0.024	5.3	0.23%
Carbon Dioxide	D1946	8.8	0.088	0.44	1.6%
Oxygen	D1946	8.8	0.093	0.44	18%
Chloroform	ETO15	1	0.97	2.4	3.9
1,1,1-Trichloroethane	ETO15	1	0.79	2.7	3.8
2-Butanone (MEK)	ETO15	1	0.39	1.5	1.5
Toluene	ETO15	1	0.75	1.9	6.7
Tetrachloroethylene	ETO15	1	1.5	3.4	15
Ethyl Benzene	ETO15	1	0.63	2.2	4.8
m,p-Xylene	ETO15	1	0.98	2.2	11
o-Xylene	ETO15	1	0.30	2.2	7.4
4-Ethyl Toluene	ETO15	1	0.55	2.5	4.3
1,3,5-Trimethylbenzene	ETO15	1	0.30	2.5	3.2
1,2,4-Trimethylbenzene	ETO15	1	0.60	2.5	3.7



Sample Result Summary

Report prepared for: Aubrey Cool
Ninyo & Moore

Date Received: 11/18/22

Date Reported: 11/29/22

SB-16-SV

2211242-003

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results ug/m3</u>
Carbon Dioxide	D1946	4.4	0.044	0.22	0.73%
Oxygen	D1946	4.4	0.046	0.22	17%
Helium	D1946	4.8	0.011	2.4	0.14%
Acetone	ETO15	1	0.40	12	19
Chloroform	ETO15	1	0.97	2.4	2.5
2-Butanone (MEK)	ETO15	1	0.39	1.5	3.4
Toluene	ETO15	1	0.75	1.9	4.0
Tetrachloroethylene	ETO15	1	1.5	3.4	8.8
Ethyl Benzene	ETO15	1	0.63	2.2	2.2
m,p-Xylene	ETO15	1	0.98	2.2	8.0
o-Xylene	ETO15	1	0.30	2.2	4.3
1,2,4-Trimethylbenzene	ETO15	1	0.60	2.5	3.8

SB-19-SV

2211242-004

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results ug/m3</u>
Carbon Dioxide	D1946	3.7	0.037	0.19	0.56%
Oxygen	D1946	3.7	0.039	0.19	18%
Carbon Disulfide	ETO15	1	0.37	1.6	2.2
2-Butanone (MEK)	ETO15	1	0.39	1.5	1.9
Toluene	ETO15	1	0.75	1.9	8.0
Ethyl Benzene	ETO15	1	0.63	2.2	4.1
m,p-Xylene	ETO15	1	0.98	2.2	12
o-Xylene	ETO15	1	0.30	2.2	6.2
4-Ethyl Toluene	ETO15	1	0.55	2.5	3.6
1,3,5-Trimethylbenzene	ETO15	1	0.30	2.5	3.0
1,2,4-Trimethylbenzene	ETO15	1	0.60	2.5	4.1

SB-21-SV

2211242-005

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results ug/m3</u>
Carbon Dioxide	D1946	9	0.090	0.45	1.8%
Oxygen	D1946	9	0.095	0.45	16%
Carbon Disulfide	ETO15	1	0.37	1.6	3.6
Acetone	ETO15	1	0.40	12	28
2-Butanone (MEK)	ETO15	1	0.39	1.5	4.3
Toluene	ETO15	1	0.75	1.9	14
Tetrachloroethylene	ETO15	1	1.5	3.4	7.0
Ethyl Benzene	ETO15	1	0.63	2.2	8.3
m,p-Xylene	ETO15	1	0.98	2.2	24
o-Xylene	ETO15	1	0.30	2.2	12
4-Ethyl Toluene	ETO15	1	0.55	2.5	8.7
1,3,5-Trimethylbenzene	ETO15	1	0.30	2.5	7.1
1,2,4-Trimethylbenzene	ETO15	1	0.60	2.5	9.0



Sample Result Summary

Report prepared for: Aubrey Cool
Ninyo & Moore

Date Received: 11/18/22

Date Reported: 11/29/22

2211242-006

SB-22-SV

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results ug/m3</u>
Carbon Dioxide	D1946	2.4	0.024	0.12	0.43%
Oxygen	D1946	2.4	0.025	0.12	18%
Carbon Disulfide	ETO15	1	0.37	1.6	1.9
Acetone	ETO15	1	0.40	12	19
2-Butanone (MEK)	ETO15	1	0.39	1.5	2.5
Toluene	ETO15	1	0.75	1.9	7.1
Ethyl Benzene	ETO15	1	0.63	2.2	3.6
m,p-Xylene	ETO15	1	0.98	2.2	11
o-Xylene	ETO15	1	0.30	2.2	5.4
4-Ethyl Toluene	ETO15	1	0.55	2.5	3.3
1,3,5-Trimethylbenzene	ETO15	1	0.30	2.5	2.6
1,2,4-Trimethylbenzene	ETO15	1	0.60	2.5	3.9



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID: SB-11-SV	Lab Sample ID: 2211242-001A
Project Name/Location: 2700 International Blvd	Sample Matrix: Air
Project Number: 404102003	
Date/Time Sampled: 11/18/22 / 10:58	Certified Clean WO # :
Canister/Tube ID: A12254	Received PSI : 12.1
Collection Volume (L):	Corrected PSI :
SDG:	

Prep Method: FG-P	Prep Batch Date/Time: 11/23/22	12:00:00PM
Prep Batch ID: 1147009	Prep Analyst: BALI	

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Carbon Dioxide	D1946	4.30	0.043	0.22	0.88			11/23/22	12:46	BA	471040
Oxygen	D1946	4.30	0.045	0.22	17			11/23/22	12:46	BA	471040
Methane	D1946	4.30	0.010	0.022	ND	ND		11/23/22	12:46	BA	471040

Prep Method: FG-P	Prep Batch Date/Time: 11/28/22	5:00:00PM
Prep Batch ID: 1147032	Prep Analyst: BALI	

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
<i>The results shown below are reported using their MDL.</i>											
Helium	D1946	4.80	0.011	2.4	0.16		J	11/28/22	19:30	BA	471052

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	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	1.00	1.6	2.5	ND	ND		11/22/22	17:10	BA	471031
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		11/22/22	17:10	BA	471031
1,2-Dichlorotetrafluoroethane	ETO15	1.00	1.4	3.5	ND	ND		11/22/22	17:10	BA	471031
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		11/22/22	17:10	BA	471031
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		11/22/22	17:10	BA	471031
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		11/22/22	17:10	BA	471031
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		11/22/22	17:10	BA	471031
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		11/22/22	17:10	BA	471031
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		11/22/22	17:10	BA	471031
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		11/22/22	17:10	BA	471031
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		11/22/22	17:10	BA	471031
Carbon Disulfide	ETO15	1.00	0.37	1.6	2.1	0.68		11/22/22	17:10	BA	471031
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	ND	ND		11/22/22	17:10	BA	471031
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		11/22/22	17:10	BA	471031
Acetone	ETO15	1.00	0.40	12	20	8.40		11/22/22	17:10	BA	471031
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		11/22/22	17:10	BA	471031
Hexane	ETO15	1.00	0.46	1.8	ND	ND		11/22/22	17:10	BA	471031
MTBE	ETO15	1.00	0.44	1.8	ND	ND		11/22/22	17:10	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID:	SB-11-SV	Lab Sample ID:	2211242-001A
Project Name/Location:	2700 International Blvd	Sample Matrix:	Air
Project Number:	404102003	Certified Clean WO # :	
Date/Time Sampled:	11/18/22 / 10:58	Received PSI :	12.1
Canister/Tube ID:	A12254	Corrected PSI :	
Collection Volume (L):			
SDG:			

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	Prep Analyst: BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
tert-Butanol	ETO15	1.00	0.62	1.5	ND	ND		11/22/22	17:10	BA	471031
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		11/22/22	17:10	BA	471031
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		11/22/22	17:10	BA	471031
ETBE	ETO15	1.00	0.33	2.1	ND	ND		11/22/22	17:10	BA	471031
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		11/22/22	17:10	BA	471031
Chloroform	ETO15	1.00	0.97	2.4	ND	ND		11/22/22	17:10	BA	471031
Vinyl Acetate	ETO15	1.00	0.76	1.8	ND	ND		11/22/22	17:10	BA	471031
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		11/22/22	17:10	BA	471031
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	ND	ND		11/22/22	17:10	BA	471031
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	2.5	0.85		11/22/22	17:10	BA	471031
Ethyl Acetate	ETO15	1.00	0.48	1.8	ND	ND		11/22/22	17:10	BA	471031
Tetrahydrofuran	ETO15	1.00	0.45	1.5	ND	ND		11/22/22	17:10	BA	471031
Benzene	ETO15	1.00	0.44	1.6	ND	ND		11/22/22	17:10	BA	471031
TAME	ETO15	1.00	0.67	2.1	ND	ND		11/22/22	17:10	BA	471031
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		11/22/22	17:10	BA	471031
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		11/22/22	17:10	BA	471031
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		11/22/22	17:10	BA	471031
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		11/22/22	17:10	BA	471031
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		11/22/22	17:10	BA	471031
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		11/22/22	17:10	BA	471031
Toluene	ETO15	1.00	0.75	1.9	11	2.92		11/22/22	17:10	BA	471031
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	ND	ND		11/22/22	17:10	BA	471031
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		11/22/22	17:10	BA	471031
Tetrachloroethylene	ETO15	1.00	1.5	3.4	56	8.26		11/22/22	17:10	BA	471031
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	ND	ND		11/22/22	17:10	BA	471031
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		11/22/22	17:10	BA	471031
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		11/22/22	17:10	BA	471031
2-Hexanone	ETO15	1.00	0.65	2.1	ND	ND		11/22/22	17:10	BA	471031
Ethyl Benzene	ETO15	1.00	0.63	2.2	8.0	1.84		11/22/22	17:10	BA	471031
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		11/22/22	17:10	BA	471031
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		11/22/22	17:10	BA	471031
m,p-Xylene	ETO15	1.00	0.98	2.2	33	7.60		11/22/22	17:10	BA	471031
o-Xylene	ETO15	1.00	0.30	2.2	18	4.15		11/22/22	17:10	BA	471031
Styrene	ETO15	1.00	0.46	2.1	ND	ND		11/22/22	17:10	BA	471031
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		11/22/22	17:10	BA	471031
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		11/22/22	17:10	BA	471031
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	13	2.64		11/22/22	17:10	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID:	SB-11-SV	Lab Sample ID:	2211242-001A
Project Name/Location:	2700 International Blvd	Sample Matrix:	Air
Project Number:	404102003	Certified Clean WO # :	
Date/Time Sampled:	11/18/22 / 10:58	Received PSI :	12.1
Canister/Tube ID:	A12254	Corrected PSI :	
Collection Volume (L):			
SDG:			

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	Prep Analyst: BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	11	2.24		11/22/22	17:10	BA	471031
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	23	4.67		11/22/22	17:10	BA	471031
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		11/22/22	17:10	BA	471031
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		11/22/22	17:10	BA	471031
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		11/22/22	17:10	BA	471031
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		11/22/22	17:10	BA	471031
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		11/22/22	17:10	BA	471031
Naphthalene	ETO15	1.00	1.3	2.6	ND	ND		11/22/22	17:10	BA	471031
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	100 %			11/22/22	17:10	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID:	SB-12-SV	Lab Sample ID:	2211242-002A
Project Name/Location:	2700 International Blvd	Sample Matrix:	Air
Project Number:	404102003		
Date/Time Sampled:	11/18/22 / 15:05	Certified Clean WO # :	
Canister/Tube ID:	A11734	Received PSI :	12.7
Collection Volume (L):		Corrected PSI :	
SDG:			

Prep Method: FG-P	Prep Batch Date/Time: 11/23/22	12:00:00PM
Prep Batch ID: 1147009	Prep Analyst:	BALI

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Carbon Dioxide	D1946	8.80	0.088	0.44	1.6			11/23/22	13:13	BA	471040
Oxygen	D1946	8.80	0.093	0.44	18			11/23/22	13:13	BA	471040
Methane	D1946	8.80	0.021	0.044	ND	ND		11/23/22	13:13	BA	471040

Prep Method: FG-P	Prep Batch Date/Time: 11/28/22	5:00:00PM
Prep Batch ID: 1147032	Prep Analyst:	BALI

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Helium	D1946	10.60	0.024	5.3	0.23		J	11/28/22	19:41	BA	471052

The results shown below are reported using their MDL.

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	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	1.00	1.6	2.5	ND	ND		11/22/22	17:43	BA	471031
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		11/22/22	17:43	BA	471031
1,2-Dichlorotetrafluoroethane	ETO15	1.00	1.4	3.5	ND	ND		11/22/22	17:43	BA	471031
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		11/22/22	17:43	BA	471031
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		11/22/22	17:43	BA	471031
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		11/22/22	17:43	BA	471031
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		11/22/22	17:43	BA	471031
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		11/22/22	17:43	BA	471031
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		11/22/22	17:43	BA	471031
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		11/22/22	17:43	BA	471031
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		11/22/22	17:43	BA	471031
Carbon Disulfide	ETO15	1.00	0.37	1.6	ND	ND		11/22/22	17:43	BA	471031
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	ND	ND		11/22/22	17:43	BA	471031
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		11/22/22	17:43	BA	471031
Acetone	ETO15	1.00	0.40	12	ND	ND		11/22/22	17:43	BA	471031
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		11/22/22	17:43	BA	471031
Hexane	ETO15	1.00	0.46	1.8	ND	ND		11/22/22	17:43	BA	471031
MTBE	ETO15	1.00	0.44	1.8	ND	ND		11/22/22	17:43	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID:	SB-12-SV	Lab Sample ID:	2211242-002A
Project Name/Location:	2700 International Blvd	Sample Matrix:	Air
Project Number:	404102003		
Date/Time Sampled:	11/18/22 / 15:05	Certified Clean WO # :	
Canister/Tube ID:	A11734	Received PSI :	12.7
Collection Volume (L):		Corrected PSI :	
SDG:			

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	Prep Analyst: BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
tert-Butanol	ETO15	1.00	0.62	1.5	ND	ND		11/22/22	17:43	BA	471031
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		11/22/22	17:43	BA	471031
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		11/22/22	17:43	BA	471031
ETBE	ETO15	1.00	0.33	2.1	ND	ND		11/22/22	17:43	BA	471031
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		11/22/22	17:43	BA	471031
Chloroform	ETO15	1.00	0.97	2.4	3.9	0.80		11/22/22	17:43	BA	471031
Vinyl Acetate	ETO15	1.00	0.76	1.8	ND	ND		11/22/22	17:43	BA	471031
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		11/22/22	17:43	BA	471031
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	3.8	0.70		11/22/22	17:43	BA	471031
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	1.5	0.51		11/22/22	17:43	BA	471031
Ethyl Acetate	ETO15	1.00	0.48	1.8	ND	ND		11/22/22	17:43	BA	471031
Tetrahydrofuran	ETO15	1.00	0.45	1.5	ND	ND		11/22/22	17:43	BA	471031
Benzene	ETO15	1.00	0.44	1.6	ND	ND		11/22/22	17:43	BA	471031
TAME	ETO15	1.00	0.67	2.1	ND	ND		11/22/22	17:43	BA	471031
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		11/22/22	17:43	BA	471031
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		11/22/22	17:43	BA	471031
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		11/22/22	17:43	BA	471031
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		11/22/22	17:43	BA	471031
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		11/22/22	17:43	BA	471031
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		11/22/22	17:43	BA	471031
Toluene	ETO15	1.00	0.75	1.9	6.7	1.78		11/22/22	17:43	BA	471031
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	ND	ND		11/22/22	17:43	BA	471031
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		11/22/22	17:43	BA	471031
Tetrachloroethylene	ETO15	1.00	1.5	3.4	15	2.21		11/22/22	17:43	BA	471031
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	ND	ND		11/22/22	17:43	BA	471031
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		11/22/22	17:43	BA	471031
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		11/22/22	17:43	BA	471031
2-Hexanone	ETO15	1.00	0.65	2.1	ND	ND		11/22/22	17:43	BA	471031
Ethyl Benzene	ETO15	1.00	0.63	2.2	4.8	1.11		11/22/22	17:43	BA	471031
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		11/22/22	17:43	BA	471031
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		11/22/22	17:43	BA	471031
m,p-Xylene	ETO15	1.00	0.98	2.2	11	2.53		11/22/22	17:43	BA	471031
o-Xylene	ETO15	1.00	0.30	2.2	7.4	1.71		11/22/22	17:43	BA	471031
Styrene	ETO15	1.00	0.46	2.1	ND	ND		11/22/22	17:43	BA	471031
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		11/22/22	17:43	BA	471031
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		11/22/22	17:43	BA	471031
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	4.3	0.87		11/22/22	17:43	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID:	SB-12-SV	Lab Sample ID:	2211242-002A
Project Name/Location:	2700 International Blvd	Sample Matrix:	Air
Project Number:	404102003		
Date/Time Sampled:	11/18/22 / 15:05	Certified Clean WO # :	
Canister/Tube ID:	A11734	Received PSI :	12.7
Collection Volume (L):		Corrected PSI :	
SDG:			

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	Prep Analyst: BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	3.2	0.65		11/22/22	17:43	BA	471031
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	3.7	0.75		11/22/22	17:43	BA	471031
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		11/22/22	17:43	BA	471031
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		11/22/22	17:43	BA	471031
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		11/22/22	17:43	BA	471031
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		11/22/22	17:43	BA	471031
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		11/22/22	17:43	BA	471031
Naphthalene	ETO15	1.00	1.3	2.6	ND	ND		11/22/22	17:43	BA	471031
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	110 %			11/22/22	17:43	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID:	SB-16-SV	Lab Sample ID:	2211242-003A
Project Name/Location:	2700 International Blvd	Sample Matrix:	Air
Project Number:	404102003		
Date/Time Sampled:	11/18/22 / 14:12	Certified Clean WO # :	
Canister/Tube ID:	A12168	Received PSI :	11.4
Collection Volume (L):		Corrected PSI :	
SDG:			

Prep Method: FG-P	Prep Batch Date/Time: 11/23/22	12:00:00PM
Prep Batch ID: 1147009	Prep Analyst: BALI	

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Carbon Dioxide	D1946	4.40	0.044	0.22	0.73			11/23/22	13:39	BA	471040
Oxygen	D1946	4.40	0.046	0.22	17			11/23/22	13:39	BA	471040
Methane	D1946	4.40	0.010	0.022	ND	ND		11/23/22	13:39	BA	471040

Prep Method: FG-P	Prep Batch Date/Time: 11/28/22	5:00:00PM
Prep Batch ID: 1147032	Prep Analyst: BALI	

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
<i>The results shown below are reported using their MDL.</i>											
Helium	D1946	4.80	0.011	2.4	0.14		J	10/28/22	19:51	BA	471052

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	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	1.00	1.6	2.5	ND	ND		11/22/22	18:17	BA	471031
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		11/22/22	18:17	BA	471031
1,2-Dichlorotetrafluoroethane	ETO15	1.00	1.4	3.5	ND	ND		11/22/22	18:17	BA	471031
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		11/22/22	18:17	BA	471031
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		11/22/22	18:17	BA	471031
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		11/22/22	18:17	BA	471031
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		11/22/22	18:17	BA	471031
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		11/22/22	18:17	BA	471031
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		11/22/22	18:17	BA	471031
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		11/22/22	18:17	BA	471031
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		11/22/22	18:17	BA	471031
Carbon Disulfide	ETO15	1.00	0.37	1.6	ND	ND		11/22/22	18:17	BA	471031
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	ND	ND		11/22/22	18:17	BA	471031
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		11/22/22	18:17	BA	471031
Acetone	ETO15	1.00	0.40	12	19	7.98		11/22/22	18:17	BA	471031
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		11/22/22	18:17	BA	471031
Hexane	ETO15	1.00	0.46	1.8	ND	ND		11/22/22	18:17	BA	471031
MTBE	ETO15	1.00	0.44	1.8	ND	ND		11/22/22	18:17	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID:	SB-16-SV	Lab Sample ID:	2211242-003A
Project Name/Location:	2700 International Blvd	Sample Matrix:	Air
Project Number:	404102003	Certified Clean WO # :	
Date/Time Sampled:	11/18/22 / 14:12	Received PSI :	11.4
Canister/Tube ID:	A12168	Corrected PSI :	
Collection Volume (L):			
SDG:			

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	Prep Analyst: BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
tert-Butanol	ETO15	1.00	0.62	1.5	ND	ND		11/22/22	18:17	BA	471031
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		11/22/22	18:17	BA	471031
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		11/22/22	18:17	BA	471031
ETBE	ETO15	1.00	0.33	2.1	ND	ND		11/22/22	18:17	BA	471031
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		11/22/22	18:17	BA	471031
Chloroform	ETO15	1.00	0.97	2.4	2.5	0.51		11/22/22	18:17	BA	471031
Vinyl Acetate	ETO15	1.00	0.76	1.8	ND	ND		11/22/22	18:17	BA	471031
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		11/22/22	18:17	BA	471031
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	ND	ND		11/22/22	18:17	BA	471031
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	3.4	1.15		11/22/22	18:17	BA	471031
Ethyl Acetate	ETO15	1.00	0.48	1.8	ND	ND		11/22/22	18:17	BA	471031
Tetrahydrofuran	ETO15	1.00	0.45	1.5	ND	ND		11/22/22	18:17	BA	471031
Benzene	ETO15	1.00	0.44	1.6	ND	ND		11/22/22	18:17	BA	471031
TAME	ETO15	1.00	0.67	2.1	ND	ND		11/22/22	18:17	BA	471031
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		11/22/22	18:17	BA	471031
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		11/22/22	18:17	BA	471031
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		11/22/22	18:17	BA	471031
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		11/22/22	18:17	BA	471031
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		11/22/22	18:17	BA	471031
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		11/22/22	18:17	BA	471031
Toluene	ETO15	1.00	0.75	1.9	4.0	1.06		11/22/22	18:17	BA	471031
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	ND	ND		11/22/22	18:17	BA	471031
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		11/22/22	18:17	BA	471031
Tetrachloroethylene	ETO15	1.00	1.5	3.4	8.8	1.30		11/22/22	18:17	BA	471031
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	ND	ND		11/22/22	18:17	BA	471031
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		11/22/22	18:17	BA	471031
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		11/22/22	18:17	BA	471031
2-Hexanone	ETO15	1.00	0.65	2.1	ND	ND		11/22/22	18:17	BA	471031
Ethyl Benzene	ETO15	1.00	0.63	2.2	2.2	0.51		11/22/22	18:17	BA	471031
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		11/22/22	18:17	BA	471031
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		11/22/22	18:17	BA	471031
m,p-Xylene	ETO15	1.00	0.98	2.2	8.0	1.84		11/22/22	18:17	BA	471031
o-Xylene	ETO15	1.00	0.30	2.2	4.3	0.99		11/22/22	18:17	BA	471031
Styrene	ETO15	1.00	0.46	2.1	ND	ND		11/22/22	18:17	BA	471031
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		11/22/22	18:17	BA	471031
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		11/22/22	18:17	BA	471031
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	ND	ND		11/22/22	18:17	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID:	SB-16-SV	Lab Sample ID:	2211242-003A
Project Name/Location:	2700 International Blvd	Sample Matrix:	Air
Project Number:	404102003	Certified Clean WO # :	
Date/Time Sampled:	11/18/22 / 14:12	Received PSI :	11.4
Canister/Tube ID:	A12168	Corrected PSI :	
Collection Volume (L):			
SDG:			

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	Prep Analyst: BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	ND	ND		11/22/22	18:17	BA	471031
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	3.8	0.77		11/22/22	18:17	BA	471031
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		11/22/22	18:17	BA	471031
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		11/22/22	18:17	BA	471031
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		11/22/22	18:17	BA	471031
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		11/22/22	18:17	BA	471031
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		11/22/22	18:17	BA	471031
Naphthalene	ETO15	1.00	1.3	2.6	ND	ND		11/22/22	18:17	BA	471031
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	110 %			11/22/22	18:17	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID: SB-19-SV	Lab Sample ID: 2211242-004A
Project Name/Location: 2700 International Blvd	Sample Matrix: Air
Project Number: 404102003	
Date/Time Sampled: 11/18/22 / 12:14	Certified Clean WO # :
Canister/Tube ID: A7550	Received PSI : 11.8
Collection Volume (L):	Corrected PSI :
SDG:	

Prep Method: FG-P	Prep Batch Date/Time: 11/23/22	12:00:00PM
Prep Batch ID: 1147009	Prep Analyst: BALI	

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Carbon Dioxide	D1946	3.70	0.037	0.19	0.56			11/23/22	14:06	BA	471040
Oxygen	D1946	3.70	0.039	0.19	18			11/23/22	14:06	BA	471040
Methane	D1946	3.70	0.0087	0.019	ND	ND		11/23/22	14:06	BA	471040

Prep Method: FG-P	Prep Batch Date/Time: 11/28/22	5:00:00PM
Prep Batch ID: 1147032	Prep Analyst: BALI	

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
The results shown below are reported using their MDL.											
Helium	D1946	4.10	0.0092	2.1	ND	ND		11/28/22	20:02	BA	471052

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	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	1.00	1.6	2.5	ND	ND		11/22/22	21:42	BA	471031
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		11/22/22	21:42	BA	471031
1,2-Dichlorotetrafluoroethane	ETO15	1.00	1.4	3.5	ND	ND		11/22/22	21:42	BA	471031
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		11/22/22	21:42	BA	471031
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		11/22/22	21:42	BA	471031
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		11/22/22	21:42	BA	471031
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		11/22/22	21:42	BA	471031
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		11/22/22	21:42	BA	471031
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		11/22/22	21:42	BA	471031
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		11/22/22	21:42	BA	471031
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		11/22/22	21:42	BA	471031
Carbon Disulfide	ETO15	1.00	0.37	1.6	2.2	0.71		11/22/22	21:42	BA	471031
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	ND	ND		11/22/22	21:42	BA	471031
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		11/22/22	21:42	BA	471031
Acetone	ETO15	1.00	0.40	12	ND	ND		11/22/22	21:42	BA	471031
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		11/22/22	21:42	BA	471031
Hexane	ETO15	1.00	0.46	1.8	ND	ND		11/22/22	21:42	BA	471031
MTBE	ETO15	1.00	0.44	1.8	ND	ND		11/22/22	21:42	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID:	SB-19-SV	Lab Sample ID:	2211242-004A
Project Name/Location:	2700 International Blvd	Sample Matrix:	Air
Project Number:	404102003	Certified Clean WO # :	
Date/Time Sampled:	11/18/22 / 12:14	Received PSI :	11.8
Canister/Tube ID:	A7550	Corrected PSI :	
Collection Volume (L):			
SDG:			

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	Prep Analyst: BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
tert-Butanol	ETO15	1.00	0.62	1.5	ND	ND		11/22/22	21:42	BA	471031
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		11/22/22	21:42	BA	471031
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		11/22/22	21:42	BA	471031
ETBE	ETO15	1.00	0.33	2.1	ND	ND		11/22/22	21:42	BA	471031
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		11/22/22	21:42	BA	471031
Chloroform	ETO15	1.00	0.97	2.4	ND	ND		11/22/22	21:42	BA	471031
Vinyl Acetate	ETO15	1.00	0.76	1.8	ND	ND		11/22/22	21:42	BA	471031
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		11/22/22	21:42	BA	471031
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	ND	ND		11/22/22	21:42	BA	471031
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	1.9	0.64		11/22/22	21:42	BA	471031
Ethyl Acetate	ETO15	1.00	0.48	1.8	ND	ND		11/22/22	21:42	BA	471031
Tetrahydrofuran	ETO15	1.00	0.45	1.5	ND	ND		11/22/22	21:42	BA	471031
Benzene	ETO15	1.00	0.44	1.6	ND	ND		11/22/22	21:42	BA	471031
TAME	ETO15	1.00	0.67	2.1	ND	ND		11/22/22	21:42	BA	471031
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		11/22/22	21:42	BA	471031
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		11/22/22	21:42	BA	471031
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		11/22/22	21:42	BA	471031
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		11/22/22	21:42	BA	471031
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		11/22/22	21:42	BA	471031
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		11/22/22	21:42	BA	471031
Toluene	ETO15	1.00	0.75	1.9	8.0	2.12		11/22/22	21:42	BA	471031
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	ND	ND		11/22/22	21:42	BA	471031
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		11/22/22	21:42	BA	471031
Tetrachloroethylene	ETO15	1.00	1.5	3.4	ND	ND		11/22/22	21:42	BA	471031
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	ND	ND		11/22/22	21:42	BA	471031
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		11/22/22	21:42	BA	471031
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		11/22/22	21:42	BA	471031
2-Hexanone	ETO15	1.00	0.65	2.1	ND	ND		11/22/22	21:42	BA	471031
Ethyl Benzene	ETO15	1.00	0.63	2.2	4.1	0.94		11/22/22	21:42	BA	471031
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		11/22/22	21:42	BA	471031
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		11/22/22	21:42	BA	471031
m,p-Xylene	ETO15	1.00	0.98	2.2	12	2.76		11/22/22	21:42	BA	471031
o-Xylene	ETO15	1.00	0.30	2.2	6.2	1.43		11/22/22	21:42	BA	471031
Styrene	ETO15	1.00	0.46	2.1	ND	ND		11/22/22	21:42	BA	471031
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		11/22/22	21:42	BA	471031
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		11/22/22	21:42	BA	471031
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	3.6	0.73		11/22/22	21:42	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID:	SB-19-SV	Lab Sample ID:	2211242-004A
Project Name/Location:	2700 International Blvd	Sample Matrix:	Air
Project Number:	404102003		
Date/Time Sampled:	11/18/22 / 12:14	Certified Clean WO # :	
Canister/Tube ID:	A7550	Received PSI :	11.8
Collection Volume (L):		Corrected PSI :	
SDG:			

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	Prep Analyst: BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	3.0	0.61		11/22/22	21:42	BA	471031
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	4.1	0.83		11/22/22	21:42	BA	471031
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		11/22/22	21:42	BA	471031
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		11/22/22	21:42	BA	471031
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		11/22/22	21:42	BA	471031
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		11/22/22	21:42	BA	471031
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		11/22/22	21:42	BA	471031
Naphthalene	ETO15	1.00	1.3	2.6	ND	ND		11/22/22	21:42	BA	471031
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	100 %			11/22/22	21:42	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID: SB-21-SV	Lab Sample ID: 2211242-005A
Project Name/Location: 2700 International Blvd	Sample Matrix: Air
Project Number: 404102003	
Date/Time Sampled: 11/18/22 / 9:51	Certified Clean WO # :
Canister/Tube ID: A12247	Received PSI : 12.0
Collection Volume (L):	Corrected PSI :
SDG:	

Prep Method: FG-P	Prep Batch Date/Time: 11/23/22	12:00:00PM
Prep Batch ID: 1147009	Prep Analyst: BALI	

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Carbon Dioxide	D1946	9.00	0.090	0.45	1.8			11/23/22	14:32	BA	471040
Oxygen	D1946	9.00	0.095	0.45	16			11/23/22	14:32	BA	471040
Methane	D1946	9.00	0.021	0.045	ND	ND		11/23/22	14:32	BA	471040

Prep Method: FG-P	Prep Batch Date/Time: 11/28/22	5:00:00PM
Prep Batch ID: 1147032	Prep Analyst: BALI	

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
<i>The results shown below are reported using their MDL.</i>											
Helium	D1946	10.80	0.024	5.4	ND	ND		11/28/22	20:12	BA	471052

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	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	1.00	1.6	2.5	ND	ND		11/22/22	22:18	BA	471031
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		11/22/22	22:18	BA	471031
1,2-Dichlorotetrafluoroethane	ETO15	1.00	1.4	3.5	ND	ND		11/22/22	22:18	BA	471031
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		11/22/22	22:18	BA	471031
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		11/22/22	22:18	BA	471031
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		11/22/22	22:18	BA	471031
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		11/22/22	22:18	BA	471031
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		11/22/22	22:18	BA	471031
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		11/22/22	22:18	BA	471031
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		11/22/22	22:18	BA	471031
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		11/22/22	22:18	BA	471031
Carbon Disulfide	ETO15	1.00	0.37	1.6	3.6	1.16		11/22/22	22:18	BA	471031
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	ND	ND		11/22/22	22:18	BA	471031
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		11/22/22	22:18	BA	471031
Acetone	ETO15	1.00	0.40	12	28	11.76		11/22/22	22:18	BA	471031
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		11/22/22	22:18	BA	471031
Hexane	ETO15	1.00	0.46	1.8	ND	ND		11/22/22	22:18	BA	471031
MTBE	ETO15	1.00	0.44	1.8	ND	ND		11/22/22	22:18	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID:	SB-21-SV	Lab Sample ID:	2211242-005A
Project Name/Location:	2700 International Blvd	Sample Matrix:	Air
Project Number:	404102003	Certified Clean WO # :	
Date/Time Sampled:	11/18/22 / 9:51	Received PSI :	12.0
Canister/Tube ID:	A12247	Corrected PSI :	
Collection Volume (L):			
SDG:			

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	Prep Analyst: BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
tert-Butanol	ETO15	1.00	0.62	1.5	ND	ND		11/22/22	22:18	BA	471031
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		11/22/22	22:18	BA	471031
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		11/22/22	22:18	BA	471031
ETBE	ETO15	1.00	0.33	2.1	ND	ND		11/22/22	22:18	BA	471031
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		11/22/22	22:18	BA	471031
Chloroform	ETO15	1.00	0.97	2.4	ND	ND		11/22/22	22:18	BA	471031
Vinyl Acetate	ETO15	1.00	0.76	1.8	ND	ND		11/22/22	22:18	BA	471031
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		11/22/22	22:18	BA	471031
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	ND	ND		11/22/22	22:18	BA	471031
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	4.3	1.46		11/22/22	22:18	BA	471031
Ethyl Acetate	ETO15	1.00	0.48	1.8	ND	ND		11/22/22	22:18	BA	471031
Tetrahydrofuran	ETO15	1.00	0.45	1.5	ND	ND		11/22/22	22:18	BA	471031
Benzene	ETO15	1.00	0.44	1.6	ND	ND		11/22/22	22:18	BA	471031
TAME	ETO15	1.00	0.67	2.1	ND	ND		11/22/22	22:18	BA	471031
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		11/22/22	22:18	BA	471031
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		11/22/22	22:18	BA	471031
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		11/22/22	22:18	BA	471031
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		11/22/22	22:18	BA	471031
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		11/22/22	22:18	BA	471031
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		11/22/22	22:18	BA	471031
Toluene	ETO15	1.00	0.75	1.9	14	3.71		11/22/22	22:18	BA	471031
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	ND	ND		11/22/22	22:18	BA	471031
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		11/22/22	22:18	BA	471031
Tetrachloroethylene	ETO15	1.00	1.5	3.4	7.0	1.03		11/22/22	22:18	BA	471031
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	ND	ND		11/22/22	22:18	BA	471031
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		11/22/22	22:18	BA	471031
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		11/22/22	22:18	BA	471031
2-Hexanone	ETO15	1.00	0.65	2.1	ND	ND		11/22/22	22:18	BA	471031
Ethyl Benzene	ETO15	1.00	0.63	2.2	8.3	1.91		11/22/22	22:18	BA	471031
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		11/22/22	22:18	BA	471031
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		11/22/22	22:18	BA	471031
m,p-Xylene	ETO15	1.00	0.98	2.2	24	5.53		11/22/22	22:18	BA	471031
o-Xylene	ETO15	1.00	0.30	2.2	12	2.76		11/22/22	22:18	BA	471031
Styrene	ETO15	1.00	0.46	2.1	ND	ND		11/22/22	22:18	BA	471031
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		11/22/22	22:18	BA	471031
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		11/22/22	22:18	BA	471031
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	8.7	1.77		11/22/22	22:18	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID:	SB-21-SV	Lab Sample ID:	2211242-005A
Project Name/Location:	2700 International Blvd	Sample Matrix:	Air
Project Number:	404102003	Certified Clean WO # :	
Date/Time Sampled:	11/18/22 / 9:51	Received PSI :	12.0
Canister/Tube ID:	A12247	Corrected PSI :	
Collection Volume (L):			
SDG:			

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	Prep Analyst: BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	7.1	1.44		11/22/22	22:18	BA	471031
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	9.0	1.83		11/22/22	22:18	BA	471031
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		11/22/22	22:18	BA	471031
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		11/22/22	22:18	BA	471031
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		11/22/22	22:18	BA	471031
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		11/22/22	22:18	BA	471031
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		11/22/22	22:18	BA	471031
Naphthalene	ETO15	1.00	1.3	2.6	ND	ND		11/22/22	22:18	BA	471031
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	100 %			11/22/22	22:18	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID:	SB-22-SV	Lab Sample ID:	2211242-006A
Project Name/Location:	2700 International Blvd	Sample Matrix:	Air
Project Number:	404102003		
Date/Time Sampled:	11/18/22 / 12:33	Certified Clean WO # :	
Canister/Tube ID:	A12258	Received PSI :	11.6
Collection Volume (L):		Corrected PSI :	
SDG:			

Prep Method: FG-P	Prep Batch Date/Time: 11/23/22	12:00:00PM
Prep Batch ID: 1147009	Prep Analyst:	BALI

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
Carbon Dioxide	D1946	2.40	0.024	0.12	0.43			11/23/22	14:59	BA	471040
Oxygen	D1946	2.40	0.025	0.12	18			11/23/22	14:59	BA	471040
Methane	D1946	2.40	0.0056	0.012	ND	ND		11/23/22	14:59	BA	471040

Prep Method: FG-P	Prep Batch Date/Time: 11/28/22	5:00:00PM
Prep Batch ID: 1147032	Prep Analyst:	BALI

Parameters:	Analysis Method	DF	MDL %	PQL %	Results %	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
<i>The results shown below are reported using their MDL.</i>											
Helium	D1946	2.90	0.0065	1.5	ND	ND		11/28/22	20:23	BA	471052

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	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	1.00	1.6	2.5	ND	ND		11/22/22	22:47	BA	471031
1,1-Difluoroethane	ETO15	1.00	0.35	14	ND	ND		11/22/22	22:47	BA	471031
1,2-Dichlorotetrafluoroethane	ETO15	1.00	1.4	3.5	ND	ND		11/22/22	22:47	BA	471031
Chloromethane	ETO15	1.00	2.0	4.1	ND	ND		11/22/22	22:47	BA	471031
Vinyl Chloride	ETO15	1.00	0.23	1.3	ND	ND		11/22/22	22:47	BA	471031
1,3-Butadiene	ETO15	1.00	0.34	1.1	ND	ND		11/22/22	22:47	BA	471031
Bromomethane	ETO15	1.00	0.66	1.9	ND	ND		11/22/22	22:47	BA	471031
Chloroethane	ETO15	1.00	0.81	1.3	ND	ND		11/22/22	22:47	BA	471031
Trichlorofluoromethane	ETO15	1.00	0.56	2.8	ND	ND		11/22/22	22:47	BA	471031
1,1-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		11/22/22	22:47	BA	471031
Freon 113	ETO15	1.00	1.0	3.8	ND	ND		11/22/22	22:47	BA	471031
Carbon Disulfide	ETO15	1.00	0.37	1.6	1.9	0.61		11/22/22	22:47	BA	471031
2-Propanol (Isopropyl Alcohol)	ETO15	1.00	1.3	12	ND	ND		11/22/22	22:47	BA	471031
Methylene Chloride	ETO15	1.00	0.70	10	ND	ND		11/22/22	22:47	BA	471031
Acetone	ETO15	1.00	0.40	12	19	7.98		11/22/22	22:47	BA	471031
trans-1,2-Dichloroethene	ETO15	1.00	0.48	2.0	ND	ND		11/22/22	22:47	BA	471031
Hexane	ETO15	1.00	0.46	1.8	ND	ND		11/22/22	22:47	BA	471031
MTBE	ETO15	1.00	0.44	1.8	ND	ND		11/22/22	22:47	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID:	SB-22-SV	Lab Sample ID:	2211242-006A
Project Name/Location:	2700 International Blvd	Sample Matrix:	Air
Project Number:	404102003	Certified Clean WO # :	
Date/Time Sampled:	11/18/22 / 12:33	Received PSI :	11.6
Canister/Tube ID:	A12258	Corrected PSI :	
Collection Volume (L):			
SDG:			

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	Prep Analyst: BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
tert-Butanol	ETO15	1.00	0.62	1.5	ND	ND		11/22/22	22:47	BA	471031
Diisopropyl ether (DIPE)	ETO15	1.00	0.74	2.1	ND	ND		11/22/22	22:47	BA	471031
1,1-Dichloroethane	ETO15	1.00	0.54	2.0	ND	ND		11/22/22	22:47	BA	471031
ETBE	ETO15	1.00	0.33	2.1	ND	ND		11/22/22	22:47	BA	471031
cis-1,2-Dichloroethene	ETO15	1.00	0.83	2.0	ND	ND		11/22/22	22:47	BA	471031
Chloroform	ETO15	1.00	0.97	2.4	ND	ND		11/22/22	22:47	BA	471031
Vinyl Acetate	ETO15	1.00	0.76	1.8	ND	ND		11/22/22	22:47	BA	471031
Carbon Tetrachloride	ETO15	1.00	1.1	3.1	ND	ND		11/22/22	22:47	BA	471031
1,1,1-Trichloroethane	ETO15	1.00	0.79	2.7	ND	ND		11/22/22	22:47	BA	471031
2-Butanone (MEK)	ETO15	1.00	0.39	1.5	2.5	0.85		11/22/22	22:47	BA	471031
Ethyl Acetate	ETO15	1.00	0.48	1.8	ND	ND		11/22/22	22:47	BA	471031
Tetrahydrofuran	ETO15	1.00	0.45	1.5	ND	ND		11/22/22	22:47	BA	471031
Benzene	ETO15	1.00	0.44	1.6	ND	ND		11/22/22	22:47	BA	471031
TAME	ETO15	1.00	0.67	2.1	ND	ND		11/22/22	22:47	BA	471031
1,2-Dichloroethane (EDC)	ETO15	1.00	0.42	2.0	ND	ND		11/22/22	22:47	BA	471031
Trichloroethylene	ETO15	1.00	0.81	2.7	ND	ND		11/22/22	22:47	BA	471031
1,2-Dichloropropane	ETO15	1.00	0.76	2.3	ND	ND		11/22/22	22:47	BA	471031
Bromodichloromethane	ETO15	1.00	0.74	3.4	ND	ND		11/22/22	22:47	BA	471031
1,4-Dioxane	ETO15	1.00	1.8	3.6	ND	ND		11/22/22	22:47	BA	471031
trans-1,3-Dichloropropene	ETO15	1.00	1.1	2.3	ND	ND		11/22/22	22:47	BA	471031
Toluene	ETO15	1.00	0.75	1.9	7.1	1.88		11/22/22	22:47	BA	471031
4-Methyl-2-Pentanone (MIBK)	ETO15	1.00	0.75	2.1	ND	ND		11/22/22	22:47	BA	471031
cis-1,3-Dichloropropene	ETO15	1.00	0.42	2.3	ND	ND		11/22/22	22:47	BA	471031
Tetrachloroethylene	ETO15	1.00	1.5	3.4	ND	ND		11/22/22	22:47	BA	471031
1,1,2-Trichloroethane	ETO15	1.00	0.58	2.7	ND	ND		11/22/22	22:47	BA	471031
Dibromochloromethane	ETO15	1.00	1.1	4.3	ND	ND		11/22/22	22:47	BA	471031
1,2-Dibromoethane (EDB)	ETO15	1.00	0.74	3.8	ND	ND		11/22/22	22:47	BA	471031
2-Hexanone	ETO15	1.00	0.65	2.1	ND	ND		11/22/22	22:47	BA	471031
Ethyl Benzene	ETO15	1.00	0.63	2.2	3.6	0.83		11/22/22	22:47	BA	471031
Chlorobenzene	ETO15	1.00	0.60	2.3	ND	ND		11/22/22	22:47	BA	471031
1,1,1,2-Tetrachloroethane	ETO15	1.00	0.84	3.4	ND	ND		11/22/22	22:47	BA	471031
m,p-Xylene	ETO15	1.00	0.98	2.2	11	2.53		11/22/22	22:47	BA	471031
o-Xylene	ETO15	1.00	0.30	2.2	5.4	1.24		11/22/22	22:47	BA	471031
Styrene	ETO15	1.00	0.46	2.1	ND	ND		11/22/22	22:47	BA	471031
Bromoform	ETO15	1.00	1.3	5.2	ND	ND		11/22/22	22:47	BA	471031
1,1,2,2-Tetrachloroethane	ETO15	1.00	0.82	3.4	ND	ND		11/22/22	22:47	BA	471031
4-Ethyl Toluene	ETO15	1.00	0.55	2.5	3.3	0.67		11/22/22	22:47	BA	471031



SAMPLE RESULTS

Report prepared for: Aubrey Cool
Ninyo & Moore

Date/Time Received: 11/18/22, 4:38 pm
Date Reported: 11/29/22

Client Sample ID:	SB-22-SV	Lab Sample ID:	2211242-006A
Project Name/Location:	2700 International Blvd	Sample Matrix:	Air
Project Number:	404102003		
Date/Time Sampled:	11/18/22 / 12:33	Certified Clean WO # :	
Canister/Tube ID:	A12258	Received PSI :	11.6
Collection Volume (L):		Corrected PSI :	
SDG:			

Prep Method: TO15-P	Prep Batch Date/Time: 11/22/22	1:30:00PM
Prep Batch ID: 1146998	Prep Analyst: BPATEL	

Parameters:	Analysis Method	DF	MDL ug/m3	PQL ug/m3	Results ug/m3	Results ppbv	Q	Analyzed	Time	By	Analytical Batch
1,3,5-Trimethylbenzene	ETO15	1.00	0.30	2.5	2.6	0.53		11/22/22	22:47	BA	471031
1,2,4-Trimethylbenzene	ETO15	1.00	0.60	2.5	3.9	0.79		11/22/22	22:47	BA	471031
1,4-Dichlorobenzene	ETO15	1.00	0.75	3.0	ND	ND		11/22/22	22:47	BA	471031
1,3-Dichlorobenzene	ETO15	1.00	1.3	3.0	ND	ND		11/22/22	22:47	BA	471031
1,2-Dichlorobenzene	ETO15	1.00	1.1	3.0	ND	ND		11/22/22	22:47	BA	471031
Hexachlorobutadiene	ETO15	1.00	1.9	5.3	ND	ND		11/22/22	22:47	BA	471031
1,2,4-Trichlorobenzene	ETO15	1.00	2.2	3.7	ND	ND		11/22/22	22:47	BA	471031
Naphthalene	ETO15	1.00	1.3	2.6	ND	ND		11/22/22	22:47	BA	471031
(S) 4-Bromofluorobenzene	ETO15	1.00	50	150	100 %			11/22/22	22:47	BA	471031



MB Summary Report

Work Order:	2211242	Prep Method:	TO15-P	Prep Date:	11/22/22	Prep Batch:	1146998
Matrix:	Air	Analytical Method:	ETO15	Analyzed Date:	11/22/2022	Analytical Batch:	471031
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	
1,1,2-Trichloroethane	0.11	0.50	ND	
Dibromochloromethane	0.13	0.50	ND	
1,2-Dibromoethane (EDB)	0.096	0.50	ND	



MB Summary Report

Work Order:	2211242	Prep Method:	TO15-P	Prep Date:	11/22/22	Prep Batch:	1146998
Matrix:	Air	Analytical Method:	ETO15	Analyzed Date:	11/22/2022	Analytical Batch:	471031
Units:	ppbv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
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			99		

Work Order:	2211242	Prep Method:	FG-P	Prep Date:	11/23/22	Prep Batch:	1147009
Matrix:	Air	Analytical Method:	D1946	Analyzed Date:	11/23/2022	Analytical Batch:	471040
Units:	ppmv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Carbon Dioxide	100	500	ND		
Oxygen	110	500	ND		
Methane	23	50	ND		

Work Order:	2211242	Prep Method:	FG-P	Prep Date:	11/28/22	Prep Batch:	1147032
Matrix:	Air	Analytical Method:	D1946	Analyzed Date:	11/28/2022	Analytical Batch:	471052
Units:	ppmv						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Helium	22	5000	ND		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	2211242	Prep Method:	TO15-P	Prep Date:	11/22/22	Prep Batch:	1146998
Matrix:	Air	Analytical Method:	ETO15	Analyzed Date:	11/22/2022	Analytical Batch:	471031
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	95.7	86.8	9.73	65 - 135	30	
Benzene	0.14	0.50	ND	8.00	80.2	72.7	9.65	65 - 135	30	
Trichloroethylene	0.15	0.50	ND	8.00	89.5	82.2	8.59	65 - 135	30	
Toluene	0.20	0.50	ND	8.00	83.4	77.8	6.82	65 - 135	30	
Chlorobenzene	0.13	0.50	ND	8.00	94.6	85.9	9.70	65 - 135	30	
(S) 4-Bromofluorobenzene				20.0	104	101		50 - 150		

Work Order:	2211242	Prep Method:	FG-P	Prep Date:	11/23/22	Prep Batch:	1147009
Matrix:	Air	Analytical Method:	D1946	Analyzed Date:	11/23/2022	Analytical Batch:	471040
Units:	ppmv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Carbon Dioxide	100	500	ND	2500	81.9	83.1	1.45	65 - 135	30	
Oxygen	110	500	ND	2500	119	88.7	29.2	65 - 135	30	
Methane	230	500	ND	2500	100	102	1.58	65 - 135	30	

Work Order:	2211242	Prep Method:	FG-P	Prep Date:	11/28/22	Prep Batch:	1147032
Matrix:	Air	Analytical Method:	D1946	Analyzed Date:	11/28/2022	Analytical Batch:	471052
Units:	ppmv						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Helium	22	100	ND	5000	108	99.4	7.92	65 - 135	30	



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: Ninyo & Moore
Project Name: 2700 International Blvd
Work Order No.: 2211242

Date and Time Received: 11/18/2022 4:38:00PM
Received By: tt
Physically Logged By: Lorna Imbat
Checklist Completed By: Lorna Imbat
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: n/a pH Adjusted by: n/a

Comments:



Login Summary Report

Client ID: TL5144 Ninyo & Moore
Project Name: 2700 International Blvd
Project # : 404102003
Report Due Date: 11/29/2022

QC Level: II
TAT Requested: 5+ day:5
Date Received: 11/18/2022
Time Received: 4:38 pm

Comments:
Work Order # : **2211242**

<u>WO Sample ID</u>	<u>Client Sample ID</u>	<u>Collection Date/Time</u>	<u>Matrix</u>	<u>Scheduled Disposal</u>	<u>Sample On Hold</u>	<u>Test On Hold</u>	<u>Requested Tests</u>	<u>Subbed</u>
2211242-001A	SB-11-SV	11/18/22 10:58	Air				EDD VOC_A_TO15 VOC_A_FG D1946	
Sample Note:	Fixed gases for O2/CO2/CH4/Helium							
2211242-002A	SB-12-SV	11/18/22 15:05	Air				VOC_A_FG D1946 VOC_A_TO15	
2211242-003A	SB-16-SV	11/18/22 14:12	Air				VOC_A_FG D1946 VOC_A_TO15	
2211242-004A	SB-19-SV	11/18/22 12:14	Air				VOC_A_FG D1946 VOC_A_TO15	
2211242-005A	SB-21-SV	11/18/22 9:51	Air				VOC_A_FG D1946 VOC_A_TO15	
2211242-006A	SB-22-SV	11/18/22 12:33	Air				VOC_A_FG D1946 VOC_A_TO15	



483 Sinclair Frontage Road
 Milpitas, CA 95035
 Phone: 408.263.5258
 FAX: 408.263.8293
 www.torrentlab.com

CHAIN OF CUSTODY

LAB WORK ORDER NO
2211242

Reset

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

Company Name: <u>Ninyo and Moore</u>	<input type="checkbox"/> Env. <input type="checkbox"/> Special	Project #: <u>404102003</u>	PO #:
Address: <u>2020 Challenger Drive, Unit 103</u>	Project Name: <u>2700 International Boulevard</u>		
City: <u>Alameda</u> State: <u>CA</u> Zip Code: <u>94501</u>	Comments:		
Telephone: <u>(510) 343-3000</u> Cell:	SAMPLER: <u>Jorge Contreras</u>		Quote #:
REPORT TO: <u>Aubrey Cool</u> BILL TO: <u>Ninyo and Moore</u>	EMAIL: <u>acool@ninyoandmoore.com</u>		

TURNAROUND TIME:	SAMPLE TYPE:	REPORT FORMAT:	ANALYSIS REQUESTED
<input type="checkbox"/> 2-8 Hours <input type="checkbox"/> 2 Work Days <input checked="" type="checkbox"/> 5 Work Days <input type="checkbox"/> Noon - Nxt Day <input type="checkbox"/> 3 Work Days <input type="checkbox"/> 7 Work Days <input type="checkbox"/> 1 Work Day <input type="checkbox"/> 4 Work Days <input type="checkbox"/> 10 Work Days	<input type="checkbox"/> Indoor Air <input type="checkbox"/> Ambient Air <input checked="" type="checkbox"/> Soil/Gas Vapor <input type="checkbox"/> Other	<input type="checkbox"/> Level II - Std. <input checked="" type="checkbox"/> Excel - EDD <input type="checkbox"/> EDF <input type="checkbox"/> Std.-EDD <input type="checkbox"/> QC Level III <input type="checkbox"/> QC Level IV	
Initial Vac. ("Hg)	Final Vac. ("Hg)	Flow Controller #	
TO 15	TO 15 SIM	TO 17	

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	CANISTER I.D.	Initial Vac. ("Hg)	Final Vac. ("Hg)	Flow Controller #	TO 15	TO 15 SIM	TO 17	Fixed Gases (Oxygen, Carbon Dioxide, Methane, Nitrogen)	REMARKS
001A	SB-11-SV	11/18/22 1058	G	1	6L (1L)	A12254	-29	-5	ES1	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
002A	SB-12-SV	11/18/22 1505	G	↓	6L (1L)	A11734	-29	-5	E107	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
003A	SB-16-SV	11/18/22 1412	G	↓	6L (1L)	A12168	-27	-5	E100	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
004A	SB-19-SV	11/18/22 1214	G	↓	6L (1L)	A7550	-28	-5	E7	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
005A	SB-21-SV	11/18/22 0951	G	↓	6L (1L)	A12247	-29	-5	E99	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
006A	SB-22-SV	11/18/22 1233	G	↓	6L (1L)	A12258	-29	-5	Bind	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	
					6L 1L					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
					6L 1L					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
					6L 1L					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		
					6L 1L					<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

1 Relinquished By: <u>Jorge Contreras</u> Print: <u>[Signature]</u>	Date: <u>11/18/2022</u>	Time: <u>1636</u>	Received By: <u>[Signature]</u>	Print: <u>TAMMY T.</u>	Date: <u>11/18/2022</u>	Time: <u>16:38</u>
2 Relinquished By:	Date:	Time:	Received By:	Print:	Date:	Time:

Were Samples Received in Good Condition? Yes NO Samples on Ice? Yes NO Method of Shipment Drop off 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. 5



APPENDIX E

Waste Manifest

Manifest

SOIL SAFE OF CA - TPST

Non-Hazardous Soils

↓ Manifest # ↓

Date of Shipment: 11/30/22	Responsible for Payment:	Transport Truck #: F-550	Facility #: A07	Approval Number: AS 4525029	Load #: 0101
-------------------------------	--------------------------	-----------------------------	--------------------	--------------------------------	-----------------

Generator's Name and Billing Address: UNITY COUNCIL 3411 E. 12TH STREET, SUITE 200 OAKLAND, CA 94601	Generator's Phone #: 510-626-0165
	Person to Contact:
	FAX#:
Customer Account Number	

Consultant's Name and Billing Address:	Consultant's Phone #:
	Person to Contact:
	FAX#:
Customer Account Number	

Generation Site (Transport from): (name & address) 2700 INTERNATIONAL BOULEVARD - UNITY COUNCIL 2700 INTERNATIONAL BOULEVARD OAKLAND, CA 94601	Site Phone #:
	Person to Contact:
	FAX#:

Designated Facility (Transport to): (name & address) SOIL SAFE 12328 HIBISCUS AVENUE ADELANTO, CA 92301	Facility Phone #: (800) 862-8001
	Person to Contact: JOE PROVANSAL
	FAX#: (760) 246-8004

Transporter Name and Mailing Address: BELSHIRE 25971 TOWNE CENTRE DRIVE FOOTHILL RANCH, CA 92610 BES: 348756	Transporter's Phone #: 949-460-5200	CAR000183913
	Person to Contact: LARRY MOOTHART	1629169
	FAX#: 949-460-5210	Customer Account Number

Description of Soil	Moisture Content	Contaminated by:	Approx. Qty:	Description of Delivery	Gross Weight	Tare Weight	Net Weight
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>	1 DM	soil	40150	39750	10.2
Sand <input type="checkbox"/> Organic <input type="checkbox"/> Clay <input type="checkbox"/> Other <input type="checkbox"/>	0 - 10% <input type="checkbox"/> 10 - 20% <input type="checkbox"/> 20% - over <input type="checkbox"/>	Gas <input type="checkbox"/> Diesel <input type="checkbox"/> Other <input type="checkbox"/>					

List any exception to items listed above: _____ Scale Ticket # 173458

Generator's and/or consultant's certification: I/We certify that the soil referenced herein is taken entirely from those soils described in the Soil Data Sheet completed and certified by me/us for the Generation Site shown above and nothing has been added or done to such soil that would alter it in any way.

Print or Type Name: Generator <input type="checkbox"/> Consultant <input checked="" type="checkbox"/>	Signature and date: _____	Month: 11 Day: 30 Year: 22
---	---------------------------	----------------------------

Transporter's certification: I/We acknowledge receipt of the soil referenced above and certify that such soil is being delivered in exactly the same condition as when received. I/We further certify that the soil is being directly transported from the Generation Site to the Designated Facility without off-loading, adding to, subtracting from or in any way delaying delivery to such site.

Print or Type Name: R. F. ...	Signature and date: _____	Month: 11 Day: 30 Year: 22
-------------------------------	---------------------------	----------------------------

Discrepancies:

Recycling Facility certifies the receipt of the soil covered by this manifest except as noted above:

Print or Type Name: Joe Provansal / Barry Meek / Bill Bishop	Signature and date: _____
---	---------------------------

Generator and/or Consultant

Transporter

Recycling Facility

Soil Safe of California, Inc.

12328 Hibiscus Ave. Adelanto, CA 92301

ADE 173458

WEIGHMASTER CERTIFICATE

THIS IS TO CERTIFY that the following described commodity was weighed, measured, or counted by a weighmaster, whose signature is on this certificate, who is a recognized authority of accuracy, as prescribed by Chapter 7 (commencing with Section 12700) of Division 5 of the California Business and Professional Code, administered by the Division of Measurement Standards of the California Department of Food and Agriculture.

Manifest Number: A5-5029 Load #: 1

12/29/2022

Generator Site Information:

2700 International Boulevard
Unity Council
2700 International Boulevard
Oakland, Ca 94601

Weighmaster Weighed at:

SOIL SAFE OF CALIFORNIA, INC..
12328 HIBISCUS AVE
ADELANTO, CA 92301

			<u>Lbs</u>	<u>Tons</u>
Joe Provansal	Time In: 2:49:39 PM	Gross Weight:	40380	20.19 Manual Wt
Joe Provansal	Time out: 2:49:44 PM	Tare Weight:	39780	19.89 Manual Wt
		Net Weight:	600	0.3

Truck Number: F550

Trailer Number: 45CT

Commodity: Non Haz - Solids

Driver on Gross and Tare Transporter: BESI - PAUL

2700INTE
3038987



APPENDIX F

Human Health Risk Assessment Summary Tables

Table F-1 – Exposure Parameters for On-Site Receptors

Exposure Parameters	Units	Residential Scenario		
		Adult	Child	Source (see Report References)
Soil Ingestion Rate (IR-S)	mg/day	100	200	DTSC 2019b
Skin Surface Area (SA)	cm ² /day	6,032	2,373	DTSC 2019b
Skin Adsorption Factor (ABS)	unitless	chemical-specific	chemical-specific	US EPA 2022
Adherence Factor (AF)	mg/cm ²	0.07	0.20	DTSC 2019b
Fraction of Soil Exposed (FE)	unitless	1.0	1.0	DTSC 2019b
Inhalation Rate of Air (IR-A)	m ³ /day	20	10	DTSC 2019b
Exposure Frequency (EF)	days/year	350	350	DTSC 2019b
Exposure Frequency (dermal; EF _d)	days/year	350	350	DTSC 2019b
Exposure Duration (ED)	years	20	6	DTSC 2019b
Exposure Time (ET)	hours/day	24	24	US EPA 2009
Conversion Factor (CF)	kg/mg	1.0E-06	1.0E-06	--
Body Weight (BW)	kg	80	15	DTSC 2019b
Averaging Time for Noncarcinogens (AT _n)	days	7,300	2,190	US EPA 1989 (ED*365 days/year)
Averaging Hours for Noncarcinogens (AT _n)	hours	175,200	52,560	US EPA 2009
Averaging Time for Carcinogens (AT _c)	days	25,550	25,550	US EPA 1989
Averaging Hours for Carcinogens (AT _c)	hours	613,200	613,200	US EPA 2009

Notes:

- mg - milligrams
- cm² - square centimeters
- m³ - cubic meters
- kg - kilograms
- not applicable

Table F-2 – Toxicity Criteria for Chemicals Detected in Soil

Chemical	Chronic Oral Reference Dose (RfDo)	Inhalation Reference Concentration (RfCi)	Oral Cancer Slope Factor (CSFo)	Inhalation Unit Risk (IUR)
	[mg/kg-day]	[mg/m ³]	[mg/kg-day] ⁻¹	[mg/m ³] ⁻¹
TPHs				
TPH (aliphatic medium)	1.0E-02	1.0E+02	NA	NA
TPH (aromatic medium)	4.0E-03	3.0E+00	NA	NA
Pesticides				
Dieldrin	5.0E-05	2.0E-01	1.6E+01	4.6E-03
Chlordane, total	5.0E-04	7.0E-01	3.5E-01	1.0E-04
Metals				
Mercury	1.6E-04	3.0E-02	NA	NA

Notes:

mg/kg-day - milligrams per kilogram per day

µg/m³ - micrograms per cubic meter

NA - not available

TPHs - total petroleum hydrocarbons

Source = California Department of Toxic Substances Control, Human and Ecological Risk Office, Human Health Risk Assessment Note Number 10 (2019)

Table F-3 – Toxicity Criteria for Chemicals Detected in Soil Vapor

Chemical	Chronic Inhalation Reference Concentration (RfC)	Inhalation Unit Risk (IUR)
VOCs	($\mu\text{g}/\text{m}^3$)	($\mu\text{g}/\text{m}^3$) ⁻¹
1,1,1-Trichloroethane	1.0E+03	NA
1,2,4-Trimethylbenzene	6.0E+01	NA
1,3,5-Trimethylbenzene	6.0E+01	NA
2-Butanone (MEK)	5.0E+03	NA
4-Ethyltoluene	1.0E+02	NA
Acetone	3.1E+04	NA
Carbon Disulfide	7.0E+02	NA
Chloroform	9.8E+01	2.3E-05
Ethylbenzene	1.0E+03	2.5E-06
Tetrachloroethene (PCE)	4.0E+01	6.1E-06
Toluene	3.0E+02	NA
Xylenes, Total	1.0E+02	NA

Notes:

$\mu\text{g}/\text{m}^3$ - micrograms per cubic meter

VOCs - volatile organic compounds

MEK - methyl ethyl ketone

NA - not available

Source = California Department of Toxic Substances Control, Human and Ecological Risk Office, Human Health Risk Assessment Note Number 10 (2019)

Table F-4 – Estimated Cumulative Risks and Hazards

COPC	Residential Exposure Scenario		
	Maximum Detected Concentration (mg/kg)	Hazard Index	Cancer Risk
		Child	Adult & Child
<i>TPHs</i>			
TPH (aliphatic medium)	210	3.E-01	--
TPH (aromatic medium)	210	8.E-01	--
<i>Pesticides</i>			
Dieldrin	0.00887	3.E-03	3.E-07
Chlordane, total	0.485	2.E-02	3.E-07
<i>Metals</i>			
Mercury	1.2	1.E-01	--
TOTAL RISKS and HAZARDS		1.E+00	6.E-07

Notes:

COPC - contaminant of potential concern

mg/kg - milligrams per kilogram

TPHs - total petroleum hydrocarbons

-- not applicable

Includes Incidental Soil Ingestion, Dermal Contact, and Fugitive Dust Inhalation

Table F-5 – Maximum Detected Soil Gas Chemical Concentrations and Estimated Indoor Air Exposure Point Concentrations (Using a Default Attenuation Factor of 0.001)

Contaminant of Potential Concern (COPC)	CAS Number	Maximum Detected Soil Gas Concentration ($\mu\text{g}/\text{m}^3$)	Estimated Indoor Chemical Air Concentration (mg/m^3)
1,1,1-Trichloroethane	71556	3.8	3.80E-03
1,2,4-Trimethylbenzene	95636	23	2.30E-02
1,3,5-Trimethylbenzene	108678	11	1.10E-02
2-Butanone (MEK)	78933	4.3	4.30E-03
4-Ethyltoluene	95476	13	1.30E-02
Acetone	67641	28	2.80E-02
Carbon Disulfide	75150	3.6	3.60E-03
Chloroform	67663	3.9	3.90E-03
Ethylbenzene	100414	8.3	8.30E-03
Tetrachloroethene (PCE)	127184	56	5.60E-02
Toluene	108883	14	1.40E-02
Xylenes, Total	95476	51	5.10E-02

Notes:

CAS - chemical abstracts service

$\mu\text{g}/\text{m}^3$ - micrograms per cubic meter

MEK - methyl ethyl ketone

Attenuation factor (unitless) = 1.00E-03

Table F-6 – Maximum Detected Soil Gas Chemical Concentrations and Estimated Indoor Air Exposure Point Concentrations (Using a Default Attenuation Factor of 0.03)

Contaminant of Potential Concern (COPC)	CAS Number	Maximum Detected Soil Gas Concentration ($\mu\text{g}/\text{m}^3$)	Estimated Indoor Chemical Air Concentration (mg/m^3)
1,1,1-Trichloroethane	71556	3.8	1.14E-01
1,2,4-Trimethylbenzene	95636	23	6.90E-01
1,3,5-Trimethylbenzene	108678	11	3.30E-01
2-Butanone (MEK)	78933	4.3	1.29E-01
4-Ethyltoluene	95476	13	3.90E-01
Acetone	67641	28	8.40E-01
Carbon Disulfide	75150	3.6	1.08E-01
Chloroform	67663	3.9	1.17E-01
Ethylbenzene	100414	8.3	2.49E-01
Tetrachloroethene (PCE)	127184	56	1.68E+00
Toluene	108883	14	4.20E-01
Xylenes, Total	95476	51	1.53E+00

Notes:

CAS - chemical abstracts service

$\mu\text{g}/\text{m}^3$ - micrograms per cubic meter

MEK - methyl ethyl ketone

Attenuation factor (unitless) = 3.00E-02

Table F-7 – Health Hazards from Inhalation of Indoor Air (Estimated Using a Default Attenuation Factor of 0.001)

COPC	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Inhalation Reference Dose ($\mu\text{g}/\text{m}^3$)	Residential Exposure Scenario		
			Average Exposure Concentration (non-carcenogen) ($\mu\text{g}/\text{m}^3$)		Hazard Quotient (Unitless)
			Adult Resident	Child Resident	Child Resident
			VOCs		
1,1,1-Trichloroethane	3.8E-03	1.0E+03	3.6E-03	3.6E-03	4.E-06
1,2,4-Trimethylbenzene	2.3E-02	6.0E+01	2.2E-02	2.2E-02	4.E-04
1,3,5-Trimethylbenzene	1.1E-02	6.0E+01	1.1E-02	1.1E-02	2.E-04
2-Butanone (MEK)	4.3E-03	5.0E+03	4.1E-03	4.1E-03	8.E-07
4-Ethyltoluene	1.3E-02	1.0E+02	1.2E-02	1.2E-02	1.E-04
Acetone	2.8E-02	3.1E+04	2.7E-02	2.7E-02	9.E-07
Carbon Disulfide	3.6E-03	7.0E+02	3.5E-03	3.5E-03	5.E-06
Chloroform	3.9E-03	9.8E+01	3.7E-03	3.7E-03	4.E-05
Ethylbenzene	8.3E-03	1.0E+03	8.0E-03	8.0E-03	8.E-06
Tetrachloroethene (PCE)	5.6E-02	4.0E+01	5.4E-02	5.4E-02	1.E-03
Toluene	1.4E-02	3.0E+02	1.3E-02	1.3E-02	4.E-05
Xylenes, total	5.1E-02	1.0E+02	4.9E-02	4.9E-02	5.E-04
Total Hazard Index					3.E-03

Notes:

COPC - contaminant of potential concern

$\mu\text{g}/\text{m}^3$ - micrograms per cubic meter

VOCs - volatile organic compounds

MEK - methyl ethyl ketone

Table F-8 – Health Hazards from Inhalation of Indoor Air (Estimated Using a Default Attenuation Factor of 0.03)

COPC	Indoor Air Concentration ($\mu\text{g}/\text{m}^3$)	Inhalation Reference Dose ($\mu\text{g}/\text{m}^3$)	Residential Exposure Scenario		
			Average Exposure Concentration (non-carcenogen) ($\mu\text{g}/\text{m}^3$)		Hazard Quotient (Unitless)
			Adult Resident	Child Resident	Child Resident
VOCs					
1,1,1-Trichloroethane	1.1E-01	1.0E+03	1.1E-01	1.1E-01	1.E-04
1,2,4-Trimethylbenzene	6.9E-01	6.0E+01	6.6E-01	6.6E-01	1.E-02
1,3,5-Trimethylbenzene	3.3E-01	6.0E+01	3.2E-01	3.2E-01	5.E-03
2-Butanone (MEK)	1.3E-01	5.0E+03	1.2E-01	1.2E-01	2.E-05
4-Ethyltoluene	3.9E-01	1.0E+02	3.7E-01	3.7E-01	4.E-03
Acetone	8.4E-01	3.1E+04	8.1E-01	8.1E-01	3.E-05
Carbon Disulfide	1.1E-01	7.0E+02	1.0E-01	1.0E-01	1.E-04
Chloroform	1.2E-01	9.8E+01	1.1E-01	1.1E-01	1.E-03
Ethylbenzene	2.5E-01	1.0E+03	2.4E-01	2.4E-01	2.E-04
Tetrachloroethene (PCE)	1.7E+00	4.0E+01	1.6E+00	1.6E+00	4.E-02
Toluene	4.2E-01	3.0E+02	4.0E-01	4.0E-01	1.E-03
Xylenes, total	1.5E+00	1.0E+02	1.5E+00	1.5E+00	1.E-02
Total Hazard Index					8.E-02

Notes:

COPC - contaminant of potential concern

$\mu\text{g}/\text{m}^3$ - micrograms per cubic meter

VOCs - volatile organic compounds

MEK - methyl ethyl ketone

Table F-9 – Cancer Risks from Inhalation of Indoor Air (Estimated Using a Default Attenuation Factor of 0.001)

COPC	Indoor Air Chemical Concentration (mg/m ³)	Inhalation Slope Factor (mg/m ³) ⁻¹	Residential Exposure Scenario		
			Lifetime Exposure Concentration (carcinogen) (mg/m ³)		Cancer Risk (unitless)
			Adult Resident	Child Resident	Adult & Child
VOCs					
1,1,1-Trichloroethane	3.8E-03	NA	1.0E-03	3.1E-04	NA
1,2,4-Trimethylbenzene	2.3E-02	NA	6.3E-03	1.9E-03	NA
1,3,5-Trimethylbenzene	1.1E-02	NA	3.0E-03	9.0E-04	NA
2-Butanone (MEK)	4.3E-03	NA	1.2E-03	3.5E-04	NA
4-Ethyltoluene	1.3E-02	NA	3.6E-03	1.1E-03	NA
Acetone	2.8E-02	NA	7.7E-03	2.3E-03	NA
Carbon Disulfide	3.6E-03	NA	9.9E-04	3.0E-04	NA
Chloroform	3.9E-03	2.3E-05	1.1E-03	3.2E-04	3.E-08
Ethylbenzene	8.3E-03	2.5E-06	2.3E-03	6.8E-04	7.E-09
Tetrachloroethene (PCE)	5.6E-02	6.1E-06	1.5E-02	4.6E-03	1.E-07
Toluene	1.4E-02	NA	3.8E-03	1.2E-03	NA
Xylenes, total	5.1E-02	NA	1.4E-02	4.2E-03	NA
Total Cancer Risk					2.E-07

Notes:

COPC - contaminant of potential concern
 mg/m³ = Micrograms per cubic meter
 VOCs - volatile organic compounds
 MEK - methyl ethyl ketone

Table F-10 – Cancer Risks from Inhalation of Indoor Air (Estimated Using a Default Attenuation Factor of 0.03)

COPC	Indoor Air Chemical Concentration (mg/m ³)	Inhalation Slope Factor (mg/m ³) ⁻¹	Residential Exposure Scenario		
			Lifetime Exposure Concentration (carcinogen) (mg/m ³)		Cancer Risk (unitless)
			Adult Resident	Child Resident	Adult & Child
VOCs					
1,1,1-Trichloroethane	1.1E-01	NA	3.1E-02	9.4E-03	NA
1,2,4-Trimethylbenzene	6.9E-01	NA	1.9E-01	5.7E-02	NA
1,3,5-Trimethylbenzene	3.3E-01	NA	9.0E-02	2.7E-02	NA
2-Butanone (MEK)	1.3E-01	NA	3.5E-02	1.1E-02	NA
4-Ethyltoluene	3.9E-01	NA	1.1E-01	3.2E-02	NA
Acetone	8.4E-01	NA	2.3E-01	6.9E-02	NA
Carbon Disulfide	1.1E-01	NA	3.0E-02	8.9E-03	NA
Chloroform	1.2E-01	2.3E-05	3.2E-02	9.6E-03	1.E-06
Ethylbenzene	2.5E-01	2.5E-06	6.8E-02	2.0E-02	2.E-07
Tetrachloroethene (PCE)	1.7E+00	6.1E-06	4.6E-01	1.4E-01	4.E-06
Toluene	4.2E-01	NA	1.2E-01	3.5E-02	NA
Xylenes, total	1.5E+00	NA	4.2E-01	1.3E-01	NA
Total Cancer Risk					5.E-06

Notes:

COPC - contaminant of potential concern
 mg/m³ = Micrograms per cubic meter
 VOCs - volatile organic compounds
 MEK - methyl ethyl ketone



APPENDIX G

Supporting Human Health Risk Assessment Calculations

Table G-1 – Health Hazards from Incidental Soil Ingestion

COPC	Maximum Soil Concentration (mg/kg)	Oral Reference Dose (mg/kg-d)	Residential Scenario	
			Average Daily Intake (mg/kg-d)	Hazard Quotient (Unitless)
			Child	Child
Metals				
Mercury	1.2	1.6E-04	1.53E-05	9.59E-02
Pesticides				
Dieldrin	0.00887	5.0E-05	1.13E-07	2.27E-03
Chlordane, total	0.485	5.0E-04	6.20E-06	1.24E-02
TPH				
TPH (aliphatic medium)	210	1.0E-02	2.68E-03	2.68E-01
TPH (aromatic medium)	210	4.0E-03	2.68E-03	6.71E-01
Total Hazard Index				1.1E+00

Notes:
 COPC - contaminant of potential concern
 mg/kg - milligrams per kilogram
 mg/kg-d - milligrams per kilogram per day
 TPH - total petroleum hydrocarbons

Equations:

$$\text{Child INTAKE}_{\text{noncancer}} \text{ (mg/kg-day)} = ((\text{CS}_{\text{residential}} * \text{IR-S}_{\text{child}} * \text{EF}_{\text{child}} * \text{ED}_{\text{child}} * \text{CF}) / (\text{BW}_{\text{child}} * \text{AT}_{\text{noncancer}}))$$

$$\text{Noncancer Hazard} = (\text{INTAKE}_{\text{noncancer}} / \text{RfD})$$

Table G-2 – Health Hazards from Dermal Contact with Soil

COPC	Maximum Soil Concentration (mg/kg)	Soil-to-Skin Absorption Factor (unitless)	Oral/Dermal Reference Dose (mg/kg-d)	Residential Scenario	
				Average Daily Intake (mg/kg-d)	Hazard Quotient (Unitless)
				Child	Child
<i>Metals</i>					
Mercury	1.2	0.03	1.6E-04	1.09E-06	6.83E-03
<i>Pesticides</i>					
Dieldrin	0.00887	0.1	5.0E-05	2.69E-08	5.38E-04
Chlordane, total	0.485	0.1	5.0E-04	1.47E-06	2.94E-03
<i>TPH</i>					
TPH (aliphatic medium)	210	0.1	1.0E-02	6.37E-04	6.37E-02
TPH (aromatic medium)	210	0.1	4.0E-03	6.37E-04	1.59E-01
Total Hazard Index					2.3E-01

Notes:

COPC - contaminant of potential concern
 mg/kg - milligrams per kilogram
 mg/kg-d - milligrams per kilogram per day
 TPH - total petroleum hydrocarbons

Equations:

$$\text{Child INTAKE}_{\text{noncancer}} \text{ (mg/kg-day)} = ((\text{CS}_{\text{residential}} * \text{SA}_{\text{child}} * \text{AF}_{\text{child}} * \text{ABS} * \text{EF}_{\text{child}} * \text{ED}_{\text{child}} * \text{CF}) / (\text{BW}_{\text{child}} * \text{AT}_{\text{noncancer}}))$$

$$\text{Noncancer Hazard} = (\text{INTAKE}_{\text{noncancer}} / \text{RfD})$$

Table G-3 – Health Hazards from Inhalation of Outdoor Air

COPC	Maximum Soil Concentration (mg/kg)	PEF (m ³ /kg)	Inhalation Reference Concentration (µg/m ³)	Residential Scenario	
				Exposure Concentration (µg/m ³)	Hazard Quotient (Unitless)
				Child	Child
Metals					
Mercury	1.2	1.36E+09	3.0E-02	8.46E-07	2.82E-05
Pesticides					
Dieldrin	0.00887	1.36E+09	2.0E-01	6.25E-09	3.13E-08
Chlordane, total	0.485	1.36E+09	7.0E-01	3.42E-07	4.89E-07
TPH					
TPH (aliphatic medium)	210	1.36E+09	1.0E+02	1.48E-04	1.48E-06
TPH (aromatic medium)	210	1.36E+09	3.0E+00	1.48E-04	4.94E-05
Total Hazard Index					8.0E-05

Notes:

COPC - contaminant of potential concern

PEF - particulate emission factor for soil

mg/kg - milligrams per kilogram

m³/kg - cubic meters per kilogram

µg/m³ - micrograms per cubic meter

TPH - total petroleum hydrocarbons

Equations:

Particulate: Child Exposure_{noncancer} (ug/m³) = (CS_{residential} * (1/PEF) * EF_{child} * ED_{child} * ET_{child}) / (AT_{noncancer})

VOCs: Child Exposure_{noncancer} (ug/m³) = (CS_{residential} * Et_{child} * EF_{child} * ED_{child} * (1/VF)) / (AT_{noncancer})

Noncancer Hazard = (INTAKE_{noncancer} / RfD)

Table G-4 – Cumulative Health Hazards from Multipathway Soil Exposure

COPC	Maximum Soil Concentration	Residential Noncancer Hazard			
		Child Resident			
	(mg/kg)	Ingestion of Soil	Dermal	Inhalation	Total HI
Metals					
Mercury	1.2	9.59E-02	6.83E-03	2.82E-05	1.0E-01
Pesticides					
Dieldrin	0.00887	2.27E-03	5.38E-04	3.13E-08	2.8E-03
Chlordane, total	0.485	1.24E-02	2.94E-03	4.89E-07	1.5E-02
TPH					
TPH (aliphatic medium)	210	2.68E-01	6.37E-02	1.48E-06	3.3E-01
TPH (aromatic medium)	210	6.71E-01	1.59E-01	4.94E-05	8.3E-01
Total Hazard Index					1.3E+00

Notes:

COPC - contaminant of potential concern

mg/kg - milligrams per kilogram

HI - hazard index

TPH - total petroleum hydrocarbons

Table G-5 – Cancer Risks from Incidental Soil Ingestion

COPC	Maximum Soil Concentration (mg/kg)	Oral Slope Factor (mg/kg-d) ⁻¹	Residential Scenario	
			Average Daily Intake (mg/kg-d)	Cancer Risk (Unitless)
			Adult & Child	Adult & Child
Metals				
Mercury	1.2	NA	1.73E-06	NA
Pesticides				
Dieldrin	0.00887	1.6E+01	1.28E-08	2.E-07
Chlordane, total	0.485	3.5E-01	6.98E-07	2.E-07
TPH				
TPH (aliphatic medium)	210	NA	3.02E-04	NA
TPH (aromatic medium)	210	NA	3.02E-04	NA
Total Cancer Risk				4.E-07

Notes:

COPC - contaminant of potential concern
 mg/kg - milligrams per kilogram
 mg/kg-d - milligrams per kilogram per day
 NA - not applicable
 TPH - total petroleum hydrocarbons

Equations:

$$\text{Adult/Child INTAKE}_{\text{cancer}} \text{ (mg/kg-day)} = (\text{CS}_{\text{residential}} * \text{EF} * \text{ING}_{\text{adjusted}} * \text{CF}) / (\text{AT}_{\text{cancer}})$$

$$\text{Where } \text{ING}_{\text{adjusted}} = [(\text{IR-S}_{\text{child}} * \text{ED}_{\text{child}} / \text{BW}_{\text{child}}) + (\text{IR-S}_{\text{adult}} * \text{ED}_{\text{adult}} / \text{BW}_{\text{adult}})]$$

$$\text{Cancer Risk} = (\text{INTAKE}_{\text{cancer}} * \text{CSF})$$

Table G-6 – Cancer Risks from Dermal Contact with Soil

COPC	Maximum Soil Concentration (mg/kg)	Soil-to-Skin Absorption Factor (unitless)	Oral/Dermal Slope Factor (mg/kg-d) ⁻¹	Residential Scenario	
				Average Daily Intake (mg/kg-d)	Cancer Risk (Unitless)
				Adult & Child	Adult & Child
Metals					
Mercury	1.2	0.03	NA	1.46E-07	NA
Pesticides					
Dieldrin	0.00887	0.1	1.6E+01	3.59E-09	6.E-08
Chlordane, total	0.485	0.1	3.5E-01	1.96E-07	7.E-08
TPH					
TPH (aliphatic medium)	210	0.1	NA	8.50E-05	NA
TPH (aromatic medium)	210	0.1	NA	8.50E-05	NA
Total Cancer Risk					1.E-07

Notes:

COPC - contaminant of potential concern

mg/kg - milligrams per kilogram

mg/kg-d - milligrams per kilogram per day

NA - not applicable

TPH - total petroleum hydrocarbons

Equations:

$$\text{Adult/Child INTAKE}_{\text{cancer}} \text{ (mg/kg-day)} = (\text{CS}_{\text{residential}} * \text{SAF}_{\text{adjusted}} * \text{ABS} * \text{CF}) / (\text{AT}_{\text{cancer}})$$

$$\text{Where SAF}_{\text{adjusted}} = [(\text{SA}_{\text{child}} * \text{AF}_{\text{child}} * \text{EF}_{\text{child}} * \text{ED}_{\text{child}} / \text{BW}_{\text{child}}) + (\text{SA}_{\text{adult}} * \text{AF}_{\text{adult}} * \text{EF}_{\text{adult}} * \text{ED}_{\text{adult}} / \text{BW}_{\text{adult}})]$$

$$\text{Cancer Risk} = (\text{INTAKE}_{\text{cancer}} * \text{CSF})$$

Table G-7 – Cancer Risks from Inhalation of Outdoor Air

COPC	Maximum Soil Concentration (mg/kg)	PEF (m ³ /kg)	Inhalation Unit Risk (µg/m ³) ⁻¹	Residential Scenario	
				Exposure Concentration (µg/m ³)	Cancer Risk (Unitless)
				Adult & Child	Adult & Child
Metals					
Mercury	1.2	1.36E+09	NA	3.14E-07	NA
Pesticides					
Dieldrin	0.00887	1.36E+09	4.6E-03	2.32E-09	1.E-11
Chlordane, total	0.485	1.36E+09	1.0E-04	1.27E-07	1.E-11
TPH					
TPH (aliphatic medium)	210	1.36E+09	NA	5.50E-05	NA
TPH (aromatic medium)	210	1.36E+09	NA	5.50E-05	NA
Total Cancer Risk					2.E-11

Notes:

COPC - contaminant of potential concern

PEF - particulate emission factor for soil

mg/kg - milligrams per kilogram

m³/kg - cubic meters per kilogram

µg/m³ - micrograms per cubic meter

NA - not applicable

TPH - total petroleum hydrocarbons

Equations:

$$\text{Particulate Exposure Concentration (ug/m}^3\text{)} = (\text{CS} \cdot \text{EF}_{\text{child}} \cdot \text{ED}_{\text{child}} \cdot \text{ET}_{\text{child}}) / (\text{PEF} \cdot \text{AT}_c) + (\text{CS} \cdot \text{EF}_{\text{adult}} \cdot \text{ED}_{\text{adult}} \cdot \text{ET}_{\text{adult}}) / (\text{PEF} \cdot \text{AT}_c)$$

$$\text{VOC Exposure Concentration (ug/m}^3\text{)} = (\text{CS} \cdot \text{EF} \cdot \text{ED} \cdot \text{ET}) / (\text{VF} \cdot \text{AT}_c)$$

$$\text{Cancer Risk} = (\text{INTAKE}_{\text{cancer}} \cdot \text{CSF})$$

Table G-8 – Cumulative Cancer Risks from Multipathway Soil Exposure

COPC	Maximum Soil Concentration (mg/kg)	Residential Cancer Risk Adult & Child Resident			
		Ingestion	Dermal	Inhalation	Total Risk
Metals					
Mercury	1.2	NA	NA	NA	NA
Pesticides					
Dieldrin	0.00887	2.0E-07	5.7E-08	1.1E-11	3.E-07
Chlordane, total	0.485	2.4E-07	6.9E-08	1.3E-11	3.E-07
TPH					
TPH (aliphatic medium)	210	NA	NA	NA	NA
TPH (aromatic medium)	210	NA	NA	NA	NA
Total Cancer Risk					6.E-07

Note:

COPC - contaminant of potential concern

mg/kg - milligrams per kilogram

NA - not applicable

TPH - total petroleum hydrocarbons



APPENDIX H

Arsenic in Soil Risk Assessment

ARSENIC STATISTICAL ANALYSIS

According to California Department of Toxic Substances Control (DTSC) guidance, for sites where arsenic has been detected, the need for soil remediation should be based on established background arsenic concentrations and not on risk-based soil concentrations. The purpose of the statistical analysis was to determine the upper limit of local arsenic background concentration. The statistical methods used in the data evaluation were taken directly the guidance for setting arsenic soil cleanup goals (DTSC, 2009). The first objective of the statistical analysis is to determine if the soil arsenic data are likely to be drawn from the same population (i.e., all samples collected from a non-contaminated site). For this type of analysis, the DTSC recommends to “construct a table showing the frequency of detection, range of detected values, range of sample quantitation limits, arithmetic means, standard deviations, and coefficients of variation. Typically, data drawn from just one population will display a range of detected values of no more than 2 orders of magnitude and a coefficient of variation of no greater than 1. When either of these conditions is not met, one must suspect that values representative of contamination have been included in the population.” (DTSC 1997, Section 4.3, page 4). The table recommended by the DTSC has been constructed for this analysis and is presented below.

Statistical Parameter	Arsenic
Number of Samples	50
Number of Non Detected	0
Detection Frequency	100
Minimum detected value	2.38 mg/Kg
Maximum detected value	18.0 mg/Kg
Mean concentration	7.64 mg/Kg
First quartile (Q1)	5.80 mg/Kg
Median	7.10 mg/Kg
Third quartile (Q3)	8.50 mg/Kg
Standard deviation	3.30
Coefficient of variation	0.43
Order or magnitude difference between minimum and maximum value	0.88

The next step in the analysis was to determine whether there are any data that are outside the norm (possible outliers). The potential presence of outliers in the data was evaluated using a “Fourth Spread” analysis as recommended by DTSC (2009). The Fourth Spread (Fs) of the soil arsenic data was obtained using the following formula:

$$Fs = (Q3 - Q1)$$

Where:

Fs = Fourth spread (mg/Kg)

Q3 = Third quartile (mg/Kg)

Q1 = First quartile (mg/Kg)

The estimated Fs for the soil arsenic data is 2.70 mg/Kg.

Outliers for the upper bound of the site-specific arsenic concentration are defined as:

All data points greater than $Q3 + [1.5 \times Fs]$

or

$$8.50 \text{ mg/Kg} + [1.5 \times 2.70 \text{ mg/Kg}] = 12.55 \text{ mg/Kg}$$

According to these calculations, any arsenic concentration higher than 12.55 mg/Kg are considered to be outliers.

Now that the presence and concentration of outliers has been identified, acceptable soil cleanup levels for arsenic can be calculated by estimating the 95 percent upper confidence limit of the 99th quartile of the data set (DTSC 2009). For this exercise, all outlier values are removed and only soil data considered to be representative of ambient, background concentrations are included.

The upper limit of the data set can be estimated according to the following equation (DTSC 2009):

$$UL_{1-\alpha}(x_p) = x + sK_{1-\alpha, p}$$

Where:

$UL_{1-\alpha}(x_p)$ = The upper limit of the data set

x = Mean of the data set

s = Standard deviation of the mean

$K_{1-\alpha, p}$ = Statistical tolerance factor for estimating an upper 100(1- α) confidence limit on the pth quartile (2.617, from Table A3, Gilbert 1987).

The statistical parameters obtained for the data once the outliers were removed and the estimated cleanup levels for arsenic are presented below.

Statistical Parameter	Arsenic
Number of Samples	44
Minimum detected value	2.38 mg/Kg
Maximum detected value	11.7 mg/Kg
Mean concentration	6.66 mg/Kg
Standard deviation	1.94
95 Percent Upper Confidence Limit of the 99 th Quartile	12.22 mg/Kg

REFERENCES

- California Department of Toxic Substances Control (DTSC). 1997. Selecting Inorganic Constituents as Chemicals of Potential Concern at Risk Assessment at Hazardous Waste Sites and Permitted Facilities. Final Policy. February.
- California Department of Toxic Substances Control (DTSC). 2009. Arsenic Strategies, Determination of Arsenic Remediation, Development of Arsenic Cleanup Goals. January 16.
- Gilbert, R. O. 1987. Statistical Methods for Environmental Pollution Monitoring. Van Nostrand Reinhold, New York, New York.



APPENDIX I

Lead in Soil Risk Assessment

UCL Statistics for Data Sets with Non-Detects

User Selected Options

Date/Time of Computation ProUCL 5.2 12/23/2022 1:33:55 PM
 From File 2700 International Stats.xls
 Full Precision OFF
 Confidence Coefficient 95%
 Number of Bootstrap Operations 2000

Lead (mg/kg)

General Statistics

Total Number of Observations	50	Number of Distinct Observations	46
Number of Detects	49	Number of Non-Detects	1
Number of Distinct Detects	45	Number of Distinct Non-Detects	1
Minimum Detect	6.9	Minimum Non-Detect	3
Maximum Detect	710	Maximum Non-Detect	3
Variance Detects	15896	Percent Non-Detects	2%
Mean Detects	74.07	SD Detects	126.1
Median Detects	21.8	CV Detects	1.702
Skewness Detects	3.291	Kurtosis Detects	13.32
Mean of Logged Detects	3.376	SD of Logged Detects	1.304

Normal GOF Test on Detects Only

Shapiro Wilk Test Statistic	0.588	Shapiro Wilk GOF Test
1% Shapiro Wilk Critical Value	0.929	Detected Data Not Normal at 1% Significance Level
Lilliefors Test Statistic	0.297	Lilliefors GOF Test
1% Lilliefors Critical Value	0.146	Detected Data Not Normal at 1% Significance Level

Detected Data Not Normal at 1% Significance Level

Kaplan-Meier (KM) Statistics using Normal Critical Values and other Nonparametric UCLs

KM Mean	72.65	KM Standard Error of Mean	17.71
90KM SD	123.9	95% KM (BCA) UCL	102
95% KM (t) UCL	102.3	95% KM (Percentile Bootstrap) UCL	103.2
95% KM (z) UCL	101.8	95% KM Bootstrap t UCL	120
90% KM Chebyshev UCL	125.8	95% KM Chebyshev UCL	149.8
97.5% KM Chebyshev UCL	183.2	99% KM Chebyshev UCL	248.8

Gamma GOF Tests on Detected Observations Only

A-D Test Statistic	3.126	Anderson-Darling GOF Test
5% A-D Critical Value	0.801	Detected Data Not Gamma Distributed at 5% Significance Level
K-S Test Statistic	0.189	Kolmogorov-Smirnov GOF
5% K-S Critical Value	0.132	Detected Data Not Gamma Distributed at 5% Significance Level

Detected Data Not Gamma Distributed at 5% Significance Level

Gamma Statistics on Detected Data Only

k hat (MLE)	0.656	k star (bias corrected MLE)	0.63
Theta hat (MLE)	112.9	Theta star (bias corrected MLE)	117.6
nu hat (MLE)	64.32	nu star (bias corrected)	61.72
Mean (detects)	74.07		

Gamma ROS Statistics using Imputed Non-Detects

GROS may not be used when data set has > 50% NDs with many tied observations at multiple DLs

GROS may not be used when kstar of detects is small such as <1.0, especially when the sample size is small (e.g., <15-20)

For such situations, GROS method may yield incorrect values of UCLs and BTVs

This is especially true when the sample size is small.

For gamma distributed detected data, BTVs and UCLs may be computed using gamma distribution on KM estimates

Minimum	0.01	Mean	72.59
Maximum	710	Median	20.05
SD	125.2	CV	1.725
k hat (MLE)	0.581	k star (bias corrected MLE)	0.559
Theta hat (MLE)	124.9	Theta star (bias corrected MLE)	129.8
nu hat (MLE)	58.1	nu star (bias corrected)	55.95
Adjusted Level of Significance (β)	0.0452		
Approximate Chi Square Value (55.95, α)	39.76	Adjusted Chi Square Value (55.95, β)	39.35
95% Gamma Approximate UCL	102.2	95% Gamma Adjusted UCL	103.2

Estimates of Gamma Parameters using KM Estimates

Mean (KM)	72.65	SD (KM)	123.9
Variance (KM)	15359	SE of Mean (KM)	17.71
k hat (KM)	0.344	k star (KM)	0.336
nu hat (KM)	34.37	nu star (KM)	33.64
theta hat (KM)	211.4	theta star (KM)	216
80% gamma percentile (KM)	114.2	90% gamma percentile (KM)	211
95% gamma percentile (KM)	320.1	99% gamma percentile (KM)	599.8

Gamma Kaplan-Meier (KM) Statistics

Approximate Chi Square Value (33.64, α)	21.37	Adjusted Chi Square Value (33.64, β)	21.08
95% KM Approximate Gamma UCL	114.3	95% KM Adjusted Gamma UCL	115.9

Lognormal GOF Test on Detected Observations Only

Shapiro Wilk Test Statistic	0.877	Shapiro Wilk GOF Test
10% Shapiro Wilk Critical Value	0.955	Detected Data Not Lognormal at 10% Significance Level
Lilliefors Test Statistic	0.19	Lilliefors GOF Test
10% Lilliefors Critical Value	0.115	Detected Data Not Lognormal at 10% Significance Level

Detected Data Not Lognormal at 10% Significance Level

Lognormal ROS Statistics Using Imputed Non-Detects

Mean in Original Scale	72.61	Mean in Log Scale	3.31
SD in Original Scale	125.2	SD in Log Scale	1.371
95% t UCL (assumes normality of ROS data)	102.3	95% Percentile Bootstrap UCL	101.3
95% BCA Bootstrap UCL	109.1	95% Bootstrap t UCL	117.9
95% H-UCL (Log ROS)	120.9		

Statistics using KM estimates on Logged Data and Assuming Lognormal Distribution

KM Mean (logged)	3.33	KM Geo Mean	27.95
KM SD (logged)	1.317	95% Critical H Value (KM-Log)	2.71
KM Standard Error of Mean (logged)	0.188	95% H-UCL (KM -Log)	110.7
KM SD (logged)	1.317	95% Critical H Value (KM-Log)	2.71
KM Standard Error of Mean (logged)	0.188		

DL/2 Statistics

DL/2 Normal

Mean in Original Scale 72.62
SD in Original Scale 125.2
95% t UCL (Assumes normality) 102.3

DL/2 Log-Transformed

Mean in Log Scale 3.316
SD in Log Scale 1.357
95% H-Stat UCL 118.2

DL/2 is not a recommended method, provided for comparisons and historical reasons

Nonparametric Distribution Free UCL Statistics

Data do not follow a Discernible Distribution

Suggested UCL to Use

95% KM (t) UCL 102.3

The calculated UCLs are based on assumptions that the data were collected in a random and unbiased manner.

Please verify the data were collected from random locations.

**If the data were collected using judgmental or other non-random methods,
then contact a statistician to correctly calculate UCLs.**

Note: Suggestions regarding the selection of a 95% UCL are provided to help the user to select the most appropriate 95% UCL.

Recommendations are based upon data size, data distribution, and skewness using results from simulation studies.

However, simulations results will not cover all Real World data sets; for additional insight the user may want to consult a statistician.



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Ninyo & Moore
Geotechnical & Environmental Sciences Consultants

LEGEND

- SITE BOUNDARY
- SB-9 SOIL SAMPLE
- SB-11 SOIL AND SOIL VAPOR SAMPLE
- SB-1 PREVIOUS SOIL BORING (N&M, 2020)

ID	DATE	As	Pb
SB-1-0.0-0.5	06/08/20	8.5	75
SB-1-2.5-3.0	06/08/20	8.7	130

SOIL SAMPLE ID WITH SAMPLE DEPTH IN FEET BELOW GROUND SURFACE, SAMPLE DATE, AND SAMPLE RESULTS IN MILLIGRAMS PER KILOGRAM (mg/kg)

ID	DATE	PCE
SB-11-SV	11/18/22	56

SOIL VAPOR SAMPLE ID, SAMPLE DATE, AND SAMPLE RESULTS TAKEN FROM 5.0 FEET BELOW GROUND SURFACE, IN MICROGRAMS PER CUBIC METER ($\mu\text{g}/\text{m}^3$)

- NOTES:**
 SAMPLE RESULTS EXCEEDING RESIDENTIAL ENVIRONMENTAL SCREENING LEVELS OR BACKGROUND ARSENIC SHOWN IN **BOLD**
 As = ARSENIC (mg/kg)
 Pb = LEAD (mg/kg)
 PCE = TETRACHLOROETHYLENE ($\mu\text{g}/\text{m}^3$)
 <X = NOT DETECTED AT OR ABOVE LABORATORY REPORTING LIMIT X
 J = CONCENTRATION IS CONSIDERED ESTIMATED
 * = DUPLICATE SAMPLE RESULT

LINE TYPE	LINE COLOR
GAS LINE	Orange
TELEPHONE	Red
ELECTRIC	Blue
STREET LIGHT	Green
OVERHEAD UTIL.	Yellow
SANITARY	Light Blue
STORM	Dark Blue
WATER	Purple
UNKNOWN	Pink

ID	DATE	As	Pb
SB-2-0.0-0.5	06/08/20	7.9	150
SB-2-2.5-3.0	06/08/20	5.0	24

ID	DATE	As	Pb
SB-9-0.0-0.5	11/07/22	14.5	102
SB-9-2.5-3.0	11/07/22	8.65	29.7
SB-9-4.5-5.0	11/07/22	7.65	10.7

ID	DATE	As	Pb
SB-4-0.0-0.5	06/08/20	18	340
SB-4-2.5-3.0	06/08/20	9.4	300

ID	DATE	As	Pb
SB-6-0.0-0.5	06/08/20	6.9	39
SB-6-2.5-3.0	06/08/20	3.8	7.5

ID	DATE	As	Pb
SB-8-0.0-0.5	06/08/20	3.4	37
SB-8-2.5-3.0	06/08/20	4.1	8.6

ID	DATE	As	Pb
SB-7-0.0-0.5	06/08/20	5.3	55
SB-7-2.5-3.0	06/08/20	4.7	15

ID	DATE	As	Pb
SB-5-0.0-0.5	06/08/20	16	41*
SB-5-2.5-3.0	06/08/20	6.3	33

ID	DATE	As	Pb
SB-15-0.0-0.5	11/07/22	2.38	<3.00
SB-15-2.5-3.0	11/07/22	6.20	7.95

ID	DATE	As	Pb
SB-11-0.0-0.5	11/04/22	7.80	236
SB-11-2.5-3.0	11/04/22	7.45*	136
SB-11-4.5-5.0	11/04/22	8.05	18.2

ID	DATE	As	Pb
SB-12-0.0-0.5	11/04/22	10.2	167
SB-12-2.5-3.0	11/04/22	7.65	10.0

ID	DATE	PCE
SB-11-SV	11/18/22	56

ID	DATE	PCE
SB-12-SV	11/18/22	15

ID	DATE	As	Pb
SB-13-0.0-0.5	11/07/22	8.85	54.0
SB-13-2.5-3.0	11/07/22	8.45	10.6

ID	DATE	As	Pb
SB-10-0.0-0.5	11/07/22	4.73	10.6
SB-10-2.5-3.0	11/07/22	7.95	11.6
SB-10-4.5-5.0	11/07/22	6.55	9.50

ID	DATE	As	Pb
SB-1-0.0-0.5	06/08/20	8.5	75
SB-1-2.5-3.0	06/08/20	8.7	130

ID	DATE	As	Pb
SB-14-0.0-0.5	11/07/22	11.7	331
SB-14-2.5-3.0	11/07/22	7.00	9.70

ID	DATE	As	Pb
SB-3-0.0-0.5	06/08/20	13	710
SB-3-2.5-3.0	06/08/20	7.5	53

ID	DATE	As	Pb
SB-17-0.0-0.5	11/07/22	4.08	18.3
SB-17-2.5-3.0	11/07/22	6.25	7.95

ID	DATE	As	Pb
SB-18-0.0-0.5	11/07/22	6.35	27.0
SB-18-2.5-3.0	11/07/22	6.35	7.50

ID	DATE	As	Pb
SB-16-0.0-0.5	11/04/22	6.15	10.8
SB-16-2.5-3.0	11/04/22	5.80	8.00

ID	DATE	PCE
SB-16-SV	11/18/22	8.8

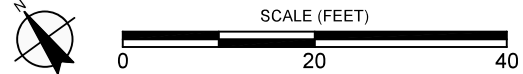
ID	DATE	As	Pb
SB-20-0.0-0.5	11/07/22	13.6	10.7
SB-20-2.5-3.0	11/07/22	6.90	8.25

ID	DATE	As	Pb
SB-21-0.0-0.5	11/04/22	7.35	127
SB-21-2.5-3.0	11/04/22	7.20	8.10

ID	DATE	As	Pb
SB-19-0.0-0.5	11/04/22	7.60	9.00
SB-19-2.5-3.0	11/04/22	5.50	7.15

ID	DATE	PCE
SB-19-SV	11/18/22	<3.4

NOTE: DIMENSIONS, DIRECTIONS, AND LOCATIONS ARE APPROXIMATE | REFERENCES: PYATOK PRELIMINARY PLAN SET, SHEET A.201



404102003.dwg 09/06/2023 AEK

SELECT SOIL AND SOIL VAPOR DATA MAP

FIGURE 3



Department of Toxic Substances Control



Yana Garcia
Secretary for
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Meredith Williams, Ph.D., Director
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Governor

May 7, 2024

Aubra Levine
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APPROVAL OF REVISED SUPPLEMENTAL SITE INVESTIGATION REPORT, 2700
INTERNATIONAL BOULEVARD, OAKLAND, CA 94601 (SITE CODE: 202384)

Dear Aubra Levine,

The Department of Toxic Substances Control (DTSC) has completed our review of the Revised Supplemental Site Investigation Report dated September 7, 2023. The revised Report was prepared by Ninyo & Moore Geotechnical & Environmental Sciences Consultants (Ninyo & Moore) for The Unity Council. The revised Report describes the results of the on-site investigation at the property located at 2700 International Boulevard in Oakland, California, conducted in November 2022 to close data gaps following the Phase I and Phase II Environmental Site Assessments. DTSC's Site Mitigation and Restoration Program (SMRP), Geological Services Unit (GSU), and Human and Ecological Risk Office (HERO) reviewed the revised Report and associated responses to their respective comments. All comments have been resolved to the satisfaction of DTSC.

DTSC hereby approves the revised Report as Final.

Aubra Levine

May 7, 2024

Page 2

If you have any questions regarding this letter, please contact me at (510) 540-3725 or via email at Kristina.Femal@dtsc.ca.gov.

Sincerely,

A handwritten signature in black ink that reads "Kristina Femal". The script is cursive and fluid.

Kristina Femal

Project Manager

Site Mitigation and Restoration Program– Berkeley Office

Department of Toxic Substances Control

cc: (See next page.)

Aubra Levine

May 7, 2024

Page 3

cc: (via e-mail)

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Phase I Environmental Site Assessment Report

International Boulevard
2700-2720 International Boulevard and 1409 and 1415 Mitchell Street
Oakland, California

Association of Bay Area Governments, Bay Area Metro Center

375 Beale Street | San Francisco, California 94105

August 28, 2019 | Project No. 403095011



Geotechnical | Environmental | Construction Inspection & Testing | Forensic Engineering & Expert Witness

Geophysics | Engineering Geology | Laboratory Testing | Industrial Hygiene | Occupational Safety | Air Quality | GIS

Ninyo & Moore

Geotechnical & Environmental Sciences Consultants

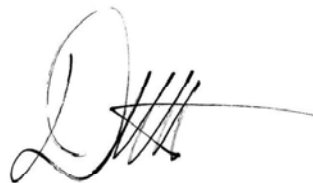
Phase I Environmental Site Assessment Report

International Boulevard
2700-2720 International Boulevard and 1409 and 1415
Mitchell Street
Oakland, California
JoAnna Bullock
Association of Bay Area Governments, Bay Area Metro Center
375 Beale Street | San Francisco, California 94105

August 28, 2019 | Project No. 403095011



Randy L. Wheeler
Senior Geologist



Duane W. Blamer
Principal Geologist, P.G. No. 6913

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Figure 2 - Site Plan

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B: SITE PHOTOGRAPHS

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REPORT**

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E: HISTORICAL RESEARCH DOCUMENTATION

F: VAPOR ENCROACHMENT SCREENING MATRIX

EXECUTIVE SUMMARY

Ninyo & Moore was retained by Association of Bay Area Governments, Bay Area Metro Center to perform a Phase I Environmental Site Assessment (ESA) on the International Boulevard property located at 2700-2720 International Boulevard and 1409 and 1415 Mitchell Street in Oakland, California (site). The site is also identified as Alameda County Assessor's Parcel Numbers 25-712-19-2, 25-712-17, 25-712-16, 25-712-15, 25-712-14.

The objective of this ESA is to identify, to the extent feasible pursuant to the process described in ASTM E1527-13, recognized environmental conditions (RECs), which are defined by ASTM as "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The results of this ESA are summarized below:

- In Summary, the site is comprised of five parcels with the following addresses: 2700 International Boulevard; 2712-2716 International Boulevard; 2720 International Boulevard; 1409 Mitchell Street; and 1415 Mitchell Street. Currently there are medical offices and a parking lot located at 2700 International Boulevard. The current building is circa 1968, when it appears the 2700 International Boulevard parcel was merged with a parcel addressed as 2708 International Boulevard. Prior uses are medical offices dating prior to 1950 and residential, and lawns circa 1903. The 2712-2716 International Boulevard addresses are comprised of a two-story building, with commercial space on the ground floor and residential above. This building was constructed subsequent to 1911 and prior to 1950 based on available historical information. Previous uses of the ground floor include a store, restaurant, donut shop, and a gunsmith. The 2720 International Boulevard address is a parking lot. It was listed as doctors offices on Sanborn maps from 1950-1969. The 1409 Mitchell Street parcel is a parking lot. It was a single-family dwelling until sometime after 1969. The 1415 Mitchell Street parcel is a parking lot and was a "utility service yard" from 1964 until sometime after 1969. This address was listed as a Pacific Bell RCRA-SQG (small quantity generator) in 1996, and as a RCRA-LQG (large quantity generator) in 1981. It is unclear what substances were generated for each database listing (LQG or SQG). Based on the database listings, hazardous substances were likely used on-site, and releases of hazardous substances may have occurred due to this former use.
- On July 30, 2019, Ms. Asha Turman of Ninyo & Moore conducted a site reconnaissance of the property. The reconnaissance involved a visual inspection of the site, and observations of adjoining properties. Mr. Rudas Gebregiorges with NAI Northern California (real estate broker) and Ms. Aubra Levine with The Unity Council, escorted Ms. Turman around the property during the site reconnaissance. At the time of the reconnaissance, the approximate 0.64-acre site was developed with one commercial

building, one commercial/residential building, and parking lot. Due to tenant privacy concerns, the residential units were not visually inspected. The interiors of the commercial spaces were visually observed.

- At the time of our site reconnaissance, the buildings were occupied by:
 - 2700 International Boulevard: commercial office space occupied by Quest Diagnostics, State Farm Insurance, Oakland 420 Doctor, Tulip Motors, Ariba Healthcare Group, and Brothers on the Rise.
 - 2712/2714 International Boulevard: residential units.
 - 2716 International Boulevard: BioCollections Worldwide, Inc. BioCollections Worldwide Inc. operates as a testing laboratory. The company offers blood collection, handling protocols, custom panel production, biorespiratory management, and clinical laboratory testing services.
 - 2720 International Boulevard, 1409 and 1415 Mitchell Street: parking lots used by the building occupants/tenants.
- Interior construction materials noted in the buildings included concrete stairs, carpeting, vinyl floor tiles (12-in. x 12-in.), vinyl sheeting flooring, painted and textured plaster walls, and acoustic tile and plaster ceilings. Interior finishes appeared to be in good condition.
- The exterior of the buildings consisted of stucco siding, flat tar roofing on the commercial property and wood shingles on the residential property, with asphalt parking areas on the northeast and southeast sides of the buildings.
- The areas surrounding the site consist primarily of office/commercial buildings to the northwest and residential development (apartments) to the southwest, residential to the north and southeast and City property to the southeast.
- Based on our site visit, there are currently no wells on the site.
- Ninyo & Moore did not observe quantities of hazardous substances or petroleum products used or stored on site during our site reconnaissance.
- Indications of aboveground storage tanks (ASTs), underground storage tanks (USTs), or hazardous material spills or leaks, were not observed during the site reconnaissance.
- Review of an environmental database report obtained for this project indicated that the 1415 Mitchell Street parcel is listed on several of the regulatory databases researched by Environmental Data Resources Inc. (EDR), including the RCRA-LQG and RCRA-SQG databases. The address was listed as a Pacific Bell RCRA-SQG (small quantity generator) in 1996, and as a RCRA-LQG (large-quantity generator) in 1981. It is unclear what substances were generated for each database listing (LQG or SQG). Hazardous substances, such as PCBs, may have been associated with this former use. Ninyo & Moore requested agency records from the Alameda County Environmental Health Department (ACEHD), and the City of Oakland Fire Department (OFD); neither agency had any records for 1415 Mitchell Street. Based on the historical use of this parcel as a "utility service yard" from 1964 until sometime after 1969, and the documented

generation and disposal of hazardous wastes, this portion of the site is considered a potential environmental concern, but not a REC since there is no evidence of a release. As there are no RECs, no further investigation is required at this time.

- Several off-site facilities were located within the EDR search radius from the site. None of the listed facilities are considered to be a REC to the site at this time based on several factors, including distance from the site, location relative to the regional groundwater flow direction (e.g. hydraulically downgradient or crossgradient to the site), database listing type, and affected media (soil only). Refer to Section 5.1.2 for additional information regarding potential off site facilities of concern.
- Based on the completion of the Vapor Encroachment Condition (VEC) screening matrix, it is presumed unlikely that a VEC currently exists beneath the site.

CONCLUSIONS

Review of an environmental database report obtained for this project indicated that the 1415 Mitchell Street parcel is listed on several of the regulatory databases researched by Environmental Data Resources Inc. (EDR), including the RCRA-LQG and RCRA-SQG databases. The address was listed as a Pacific Bell RCRA-SQG (small quantity generator) in 1996, and as a RCRA-LQG (large-quantity generator) in 1981. It is unclear what substances were generated for each database listing (LQG or SQG). Based on the database listings, hazardous substances were likely used on-site, and releases of hazardous substances may have occurred due to this former use. Ninyo & Moore requested agency records from the Alameda County Environmental Health Department (ACEHD), and the City of Oakland Fire Department (OFD); neither agency had any records for 1415 Mitchell Street. Based on the historical use of this parcel as a "utility service yard" from 1964 until sometime after 1969, and the documented generation and disposal of hazardous wastes, this portion of the site is considered a potential environmental concern, but not a REC since there is no evidence of a release.

1. INTRODUCTION

Ninyo & Moore has performed this ESA in conformance with the scope and limitations of ASTM E1527-13 of the International Boulevard property located at 2700-2720 International Boulevard and 1409 and 1415 Mitchell Street in Oakland, California (site). This ESA was conducted for Association of Bay Area Governments, Bay Area Metro Center. The following sections identify the purpose, the involved parties, the scope of services, and the limitations and exceptions associated with this ESA.

1.1. Purpose

In accordance with ASTM E1527-13, the objective of the ESA is to identify recognized environmental conditions. The term recognized environmental conditions (RECs) means "the presence or likely presence of any hazardous substances or petroleum products in, on, or at a

property: (1) due to any release to the environment; (2) under conditions indicative of a release to the environment; or (3) under conditions that pose a material threat of a future release to the environment. The term is not intended to include *de minimis* conditions that generally do not present a threat to human health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies. Conditions determined to be *de minimis* are not recognized environmental conditions."

Identification of RECs will fall into three categories: existing REC (as defined above), Historical REC (HREC), or Controlled REC (CREC).

- **HREC** - An HREC is defined as "a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls (for example, property use restrictions, activity and use limitations (AULs), institutional controls, or engineering controls)."
- **CREC** - A CREC is defined as "a recognized environmental condition resulting from a past release of hazardous substances or petroleum products that has been addressed to the satisfaction of the applicable regulatory authority (for example, as evidenced by the issuance of a no further action letter or equivalent, or meeting risk-based criteria established by regulatory authority), with hazardous substances or petroleum products allowed to remain in place subject to the implementation of required controls (for example, property use restrictions, AULs, institutional controls, or engineering controls)."

1.2. Involved Parties

Mr. Randy Wheeler, Senior Geologist with Ninyo & Moore, was the Environmental Professional assigned to this project. Ms. Asha Turman with Ninyo & Moore, conducted the site reconnaissance. Mr. Duane Blamer, Principal Geologist with Ninyo & Moore, performed project oversight and quality review. Resumes of these individuals are included in Appendix A.

1.3. Scope of Services

Ninyo & Moore's scope of services for this ESA included the following:

- Performance of a site reconnaissance to visually and/or physically observe the interior and exterior of structures and other features on the site as well as visible exterior features of adjoining properties to identify areas of possibly contaminated surface soil or surface water, improperly stored hazardous materials, and possible risks of contamination from activities at the site and adjoining properties. Photograph relevant site features (Appendix B).

- Review of reasonably ascertainable standard environmental record sources including federal, state, and tribal regulatory agency databases for the site and for properties located within a specified radius of the site (Appendix C). The purpose of this review was to evaluate possible environmental impacts to the site and site vicinity activities. These databases list locations of known hazardous waste sites, leaking underground storage tanks (LUSTs), permitted facilities that utilize USTs, and facilities that use, store, or dispose of hazardous materials, hazardous wastes, and/or petroleum products.
- Review of reasonably ascertainable additional environmental record sources including local records and/or additional state or tribal records for the site and for properties located within a specified radius of the site. The purpose of this review was to evaluate possible environmental impacts to the site and site vicinity activities. These databases list locations of known hazardous waste sites, solid waste landfills, registered storage tanks, emergency releases, contaminated public wells, and facilities that use, store, or dispose of hazardous materials and/or petroleum products.
- Provide supporting documentation, when available (Appendix D).
- Review of reasonably ascertainable standard physical setting sources including a current United States Geological Survey (USGS) 7.5-minute topographic map, and possibly including USGS and/or state groundwater and geologic maps, and soil maps. The purpose of this review was to note information about the geologic, hydrologic, and/or topographic characteristics of the site and site vicinity.
- Review of reasonably ascertainable historical documents may include aerial photographs, historical fire insurance maps, and/or city directories. The purpose of this review was to review obvious uses of the site from the present, back to the site's first developed use, or back to 1940, whichever is earlier (Appendix E).
- Performance of interviews with present owners, operators, and occupants of the site as well as other knowledgeable parties as appropriate/available. The purpose of these interviews is to obtain information regarding potential RECs in connection with the site.
- Perform a preliminary vapor encroachment screening assessment on the site and adjoining properties (Appendix F).
- Preparation of this ESA report documenting methodology, reporting findings, significant data gaps, and conclusions, and providing opinions of the impact on the site of conditions noted in the findings section regarding RECs at the site.

1.4. Limitations and Exceptions

The environmental services described in this report have been conducted in general accordance with current regulatory guidelines and the standard of care exercised by environmental consultants performing similar work in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this report.

This document is intended to be used only in its entirety. No portion of the document, by itself, is designed to completely represent any aspect of the project described herein. Ninyo & Moore should be contacted if the reader requires any additional information or has questions regarding the content, interpretations presented, or completeness of this document.

The findings, opinions, and conclusions are based on an analysis of the observed site conditions and the referenced literature. It should be understood that the conditions of a site could change with time as a result of natural processes or the activities of man at the subject site or nearby sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this report may, therefore, be invalidated over time, in part or in whole, by changes over which Ninyo & Moore has no control. Ninyo & Moore cannot warrant or guarantee that not finding indicators of any particular hazardous material means that this particular hazardous material or any other hazardous materials do not exist on the site. Additional research, including invasive testing, can reduce the uncertainty, but no techniques now commonly employed can eliminate the uncertainty altogether.

1.5. Special Terms and Conditions

Ninyo & Moore was not made aware of any special terms and conditions associated with the site.

1.6. User Reliance

This report may be relied upon by, and is intended exclusively for, Association of Bay Area Governments, Bay Area Metro Center. Any use or reuse of the findings, opinions, and/or conclusions of this report by parties other than the client is undertaken at said parties' sole risk.

1.7. Physical Limitations

The interior of the residential units (2712 and 2714 International Boulevard) were not physically inspected due to tenant privacy concerns. No other physical limitations were encountered during the site reconnaissance.

1.8. Data Gaps

A data gap is a "lack of or inability to obtain data required by this practice despite good faith efforts to gather such data." In completing this ESA, Ninyo & Moore encountered no significant data gaps that affect the ability of the EP to identify RECs on the site.

2. SUBJECT SITE

The following sections provide a general description of the site and adjacent properties. Photographs taken during the site reconnaissance are provided in Appendix B.

2.1. Site Description

At the time of the site reconnaissance, the site was developed with commercial and residential development. The site is addressed with the following street addresses: 2700-2720 International Boulevard and 1409 and 1415 Mitchell Street in Oakland, California. The site is situated on five parcels totaling approximately 0.64 acres of land designated by Alameda County Assessor's Parcel Numbers 25-712-19-2, 25-712-14, 25-712-15, 25-712-16, 25-712-17. The site location is presented on Figure 1 and the site vicinity with additional information concerning the site and surrounding properties is presented on Figure 2.

2.2. Site Reconnaissance

On July 30, 2019, Ms. Asha Turman, Staff Environmental Scientist with Ninyo & Moore, conducted a site reconnaissance of the property. The reconnaissance involved a visual inspection of the site, and observations of adjoining properties. Mr. Rudas Gebregiorges with NAI Northern California (real estate broker) and Ms. Aubra Levine with The Unity Council escorted Ms. Turman around the property during the site reconnaissance.

2.2.1. Site Improvements

At the time of the site reconnaissance, the site was developed with commercial and residential development. Site development included two wooden-framed buildings and an outdoor-covered storage area. The northern and eastern portions of the site were predominantly asphalt-paved parking areas. The following summarizes key on-site observations for indications of the following potential environmental concerns:

On-Site Observations			
Conditions	Observed Yes	Observed No	Comments
Hazardous Substances/Petroleum Products	X		2716 International Boulevard (BioCollections Worldwide) generates biohazard wastes, including blood and urine as part of their laboratory services. The material is disposed of off-site by a licensed biohazard contractor.
Waste Generation/Storage/Disposal	X		See above.
Unidentified Substance Containers		X	
Storage Tanks (ASTs and/or USTs)		X	
Potential PCB-Containing Equipment		X	
Chemical/Petroleum Odors		X	
Concrete Patches/Pads		X	
Pools of Liquid		X	
Sewage Discharge Pipes		X	
Floor Drains/Sumps		X	
Elevator	X		2700 International Boulevard has an elevator located in the southwestern portion of the building.
Wells		X	
Drums		X	
Indications of Staining	X		Typical crankcase oil staining in parking lot from vehicles. The staining is considered a de minimus condition.
Stressed Vegetation		X	

Conditions	Observed Yes	Observed No	Comments
Pits, Ponds, or Lagoons		X	
Waste Water Discharges/Disposal Systems		X	
Storm Water Systems	X		Four storm drain inlets were observed in the parking lot; two are located in the southwestern portion of the site and two located in the northeastern portion of the site.
Septic Systems/Cesspools		X	
Municipal Solid Waste Disposal Areas	X		Waste management trash receptors are located on the northeastern side of both buildings.
Other Environmental Concerns or Conditions		X	

2.2.2. Roads

As shown on Figure 2, the site is accessible from 27th Avenue on the northwest corner of the site and from International Boulevard on the south-central portion of the site.

2.2.3. Site Occupants

At the time of our site reconnaissance, the buildings were occupied by:

- 2700 International Boulevard - commercial office space occupied by Quest Diagnostics, State Farm Insurance, Oakland 420 Doctor, Tulip Motors, Ariba Healthcare Group, and Brothers on the Rise.
- 2712/2714 International Boulevard - residential units.
- 2716 International Boulevard - BioCollections Worldwide, Inc. BioCollections Worldwide Inc operates as a testing laboratory. The Company offers blood collection, handling protocols, custom panel production, biorespiratory management, and clinical laboratory testing services.
- 2720 International Boulevard, 1409 and 1415 Mitchell Street - parking lots used by the building occupants.

2.2.4. Source of Potable Water

The East Bay Municipal Utility District provides potable water to the site and site vicinity.

2.2.5. Sewage Disposal System

The East Bay Municipal Utility District provides municipal sewer service to the site and surrounding areas.

2.2.6. Source of Fuel for Heating and Cooling

The fuel source for the on-site heating and cooling systems was provided by PG&E.

2.3. Adjoining Properties

The following table lists the properties adjoining the site and associated land use. Based on the nature of the adjoining properties, information available in agency databases, and observations

made during our site reconnaissance, it is not likely that these properties have impacted the environmental integrity of the site at this time.

Adjoining Properties	
Location	Description
Northwest	Fruitvale Gateway Building commercial office space (2648 International Boulevard)
Northeast	Private residential properties (1422 27th Avenue; 1404, 1408, 1410, 1416, and 1421 Mitchell Street)
Southwest	City Center (2825 International Boulevard)
West	St. Joseph's Senior Apartments (2647 International Boulevard)

3. USER PROVIDED INFORMATION

The following sections summarize information provided by the user to assist the environmental professional in identifying the possibility of RECs in connection with the site and to fulfill the user's responsibilities in accordance with Section 6 of ASTM E1527-13.

3.1. Title Records

A Preliminary Title Report was not provided to Ninyo & Moore.

3.2. Environmental Liens or AULs

Ninyo & Moore was not informed of the existence of environmental liens or AULs associated with the site.

3.3. Specialized Knowledge

Ninyo & Moore was not informed of the existence of specialized knowledge regarding the site.

3.4. Commonly Known or Reasonably Ascertainable Information

Ninyo & Moore was not informed of the existence of commonly known or reasonably ascertainable information pertaining to the site that is material to the identification of RECs in connection with the site.

3.5. Valuation Reduction for Environmental Issues

Information pertaining to valuation reduction was not communicated to Ninyo & Moore for the purpose of this assessment.

3.6. Owner, Property Manager, and Occupant Information

The site is currently owned by Lisa J and Mark Cleaner Trust.

3.7. Reason for Performing Phase I

This ESA has been completed for the exclusive use of Association of Bay Area Governments, Bay Area Metro Center as part of their due diligence of the property.

4. PHYSICAL SETTING

The following sections include discussions of topographic, geologic, and hydrologic conditions.

4.1. Topographic Conditions

Based on a review of the United States Geological Survey (USGS) 7.5-Minute Topographic Quadrangle Map Series of the Oakland West 2012 Quadrangle, the site is situated at an elevation of approximately 46 feet above mean sea level. The topography of the site generally slopes towards the southwest.

4.2. Geology and Soil Conditions

The site is located in the Coast Range geomorphic province of California. The Coast Ranges are northwest-trending mountain ranges (2,000 to 4,000, occasionally 6,000 feet elevation above sea level), and valleys. The ranges and valleys trend northwest, subparallel to the San Andreas Fault. Strata dip beneath alluvium of the Great Valley. To the west is the Pacific Ocean. The coastline is uplifted, terraced and wave-cut. The Coast Ranges are composed of thick Mesozoic and Cenozoic sedimentary strata. The northern and southern ranges are separated by a depression containing the San Francisco Bay. The northern Coast Ranges are dominated by irregular, knobby, landslide-topography of the Franciscan Complex. The eastern border is characterized by strike-ridges and valleys in Upper Mesozoic strata. In several areas, Franciscan rocks are overlain by volcanic cones and flows of the Quien Sabe, Sonoma and Clear Lake volcanic fields. The Coast Ranges are subparallel to the active San Andreas Fault. The San Andreas is more than 600 miles long, extending from Pt. Arena to the Gulf of California. West of the San Andreas is the Salinian Block, a granitic core extending from the southern extremity of the Coast Ranges to the north of the Farallon Islands (CGS, 2002). The 1991 State of California Division of Mines and Geology, Geologic Map of the *San Francisco-San Jose Quadrangle* (Wagner et al, 1991), shows the site to be underlain by Quaternary alluvium deposits. Based on our review of the EDR Radius Map report, the primary soil type beneath the site is mapped as Urban Land (EDR, 2019).

4.3. Site Hydrology

The following sections discuss the site hydrology in terms of surface water and groundwater.

4.3.1. Surface Waters

Surface waters, including ponds, streams, creeks, lagoons and other naturally-occurring bodies of water, were not observed on the site at the time of our reconnaissance.

4.3.2. Groundwater

Groundwater information for the site was not available. Ninyo & Moore reviewed the State Water Resources Control Board's GeoTracker website (GeoTracker) for groundwater information in the site vicinity. According to GeoTracker, groundwater information reported in a Third Quarter 2011 groundwater monitoring report for the Credit World Auto Sales facility located at 2345 International Boulevard (approximately 1,250 feet northwest of the site), the predominant groundwater flow direction in the site vicinity was reported to be towards the west, and the depth to groundwater was reported to be approximately 9 to 14

feet below ground surface. Groundwater depths and flow directions can vary due to seasonal variations, groundwater withdrawal or injection, tidal influences, and other factors.

5. RECORDS REVIEW

The following sections summarize records reviewed for the site.

5.1. Environmental Record Sources

Environmental Data Resources, Inc. (EDR) performed a computerized environmental information database search for the site and site vicinity. The EDR report included federal, state, and local databases. The review was conducted to evaluate whether or not the site or properties within the vicinity of the site have been listed as having experienced significant unauthorized releases of hazardous substances or other events with potentially adverse environmental effects for the site. A summary of the environmental databases searched, their corresponding search distance, and the number of listed off-site properties of potential environmental concern to the site are presented in the following table. A copy of the EDR Radius Map Report is presented in Appendix C.

5.1.1. Regulatory Database Listings for the Site

The following table summarizes the database listings related to the site:

On-Site Database Listings	
Site Name	Pacific Bell
Site Address	1415 Mitchell Street
Database	FINDS, RCRA-SQG, RCRA-LQG, ECHO
Comments	This address was listed as a Pacific Bell RCRA-SQG (small quantity generator) in 1996, and as a RCRA-LQG (large quantity generator) in 1981. It is unclear what substances were generated for each database listing (LQG or SQG). Hazardous substances, such as PCBs, may have been associated with this former use. No additional information was available for this database listing. Review of historical Sanborn maps indicated that this address was previously a "Utility Service Yard" as depicted on the 1964 through 1969 Sanborn maps. The property was depicted with a residential dwelling on an earlier 1959 Sanborn map. A 1963 aerial photograph shows the location to be developed with what appears to be an above-ground tank on the northwestern corner of the property and a small structure on the southwest corner of the property. Based on the historical use of this parcel as a "utility service yard" from 1964 until sometime after 1969, and the documented generation and disposal of hazardous wastes, this portion of the site is considered a potential environmental concern, but not a REC, since there is no evidence of a release.

5.1.2. Regulatory Database Listings for Off-Site Properties

Off-site properties/facilities listed in the **Map Findings Summary** table above were evaluated as to their potential to impact soil, soil vapor, and/or groundwater at the site. The following table presents the properties/facilities that were interpreted to represent a potential environmental concern to the site, based on their proximity to the site, the nature of the database on which they are listed, and/or the assumed direction of groundwater flow in the site vicinity (west).

Facilities of Potential Concern	
Site Name	HERLING ELEANOR
Site Address	1404 28TH AVE
Distance from Site	379 feet
Direction from Site	Southeast and upgradient
Database	EDR HIST CLEANER
Comments	This database listing references a cleaners in 1933. No additional information is available. This facility was not listed on the ACEHD database or the Geotracker database for unauthorized releases. Based on the lack of regulatory agency information, this facility is not considered a REC to the site.

Site Name	ST JOSEPH'S PROFESSIONAL CENTER
Site Address	2647 INTERNATIONAL BLVD
Distance from Site	183 feet
Direction from Site	West and downgradient
Database	LUST, HIST CORTESE, NPDES, ALAMEDA COUNTY CS, CIWQS
Comments	This property is listed on the Leaking Underground Storage Tank (LUST) database for the removal of a 1,500-gallon heating oil tank in December 1995. The case was opened in October 1995 and after remediation and cleanup activities were completed to the satisfaction of the regulatory agencies, the case was closed in May 1997. Due to the closed nature of the case, the distance from the site, and the downgradient relationship with the site, this is not considered a REC to the site.

Site Name	TRI CITY CLEANERS
Site Address	2560 International/ E 14TH ST
Distance from Site	516 feet
Direction from Site	WNW and downgradient
Database	LUST, HIST CORTESE, ALAMEDA COUNTY CS, CERS
Comments	This property is listed on the Leaking Underground Storage Tank (LUST) database for the removal of two 1,000-gallon Stoddard solvent USTs in 1990. The case was opened in November 1990 and after remediation and cleanup activities were completed to the satisfaction of the regulatory agencies, the case was closed in March 1998. Due to the closed nature of the case, the distance from the site, and the downgradient relationship with the site, this is not considered a REC to the site.

5.2. Additional Environmental Record Sources

To enhance and supplement the standard environmental record sources identified in Section 5.1, additional local and/or federal, state, or tribal records shall be checked when, in the judgement of the EP, such additional records (1) are reasonably ascertainable, (2) and sufficiently useful, accurate, and complete in light of the objective of the records review. Examples of additional record sources include department of health/environmental division, fire department, planning/building department, or local/regional water quality agencies. Ninyo & Moore contacted the following additional record sources:

- Alameda County Environmental Health Department (ACEHD)
- City of Oakland Fire Department (OFD)
- California Regional Water Quality Control Board (RWQCB)
- California Department of Toxic Substances Control (DTSC)
- State of California, Department of Conservation, Division of Oil, Gas, and Geothermal Resources (DOGGR)

Descriptions of these agencies are provided in Sections 5.2.1 through 5.2.3 below.

5.2.1. State/County Environmental Record Sources

The RWQCB and DTSC had no records on file for the site. The ACEHD was contacted regarding hazardous materials or hazardous wastes records associated with the site addresses. The ACEHD had no records on file for the site.

5.2.2. Local Record Sources

Ninyo & Moore researched historical building permit records through the City of Oakland Building Department during the preparation of this ESA. The historical research focused on review of permits that documented conditions that constitute evidence of RECs associated with the site (such as USTs, boiler tanks, wells, ASTs, etc.). Information related to general construction or tenant improvements, such as installation of signs, plumbing, heating, electrical, or mechanical features, are not discussed unless they are associated with potential RECs. Review of historical building permit records did not indicate evidence of RECs associated with the site.

5.2.3. Gas & Oil Maps

According to the DOGGR Online Mapping System, the site does not lie within the administrative boundaries of an oil field and no oil or gas wells are located on the site.

5.3. Historical Use Information

Ninyo & Moore conducted a historical record search for the site. This included a review of one or more of the following resources that were found to be both reasonably ascertainable and useful for the purposes of this ESA: historical aerial photographs, historical fire insurance maps, historical topographic maps, land use records, and interviews with property representatives. Although one or more of the sources listed above provided limited information regarding the historical use of the site, the information gathered from the sources reviewed as a whole is adequate to develop a history of the previous uses of the site and the surrounding area in accordance with Section 8.3 of ASTM E1527-13. The following sections summarize information obtained from the historical sources utilized for this assessment. The following table provides a list of historical sources reviewed for this ESA. Copies of historical research documentation, such as fire insurance maps, historical aerial photographs, and topographic maps, are provided in Appendix E.

Historical Use Information		
Data Type	Year(s)	Data Limitations
EDR Sanborn Map Search/Print (Inquiry Number 5720116.3S) Ship Date: July 18th, 2019	1903, 1911, 1950, 1952, 1953, 1957, 1959, 1960, 1964, 1965, 1967, 1969	
EDR Aerial Photo Decade Package (Inquiry Number 5720116.5S) Ship Date: July 18th, 2019	1939, 1946, 1958, 1963, 1968, 1974, 1982, 1993, 1998, 2005, 2009, 2012, 2016	

EDR City Directory Abstract (Inquiry Number 5730763.2S) Ship Date: July 26th, 2019	1920, 1925, 1926, 1928, 1932, 1933, 1938, 1940, 1943, 1945, 1946, 1950, 1951, 1954, 1955, 1956, 1959, 1960, 1962, 1965, 1967, 1970, 1973, 1975, 1976, 1979, 1980, 1982, 1984, 1986, 1991, 1992, 1993, 1996, 2000, 2002, 2006, 2010, 2014	
EDR Historical Topo Map (Inquiry Number 5730763.1S) Ship Date: July 26th, 2019	1895, 1897, 1915, 1947, 1948, 1949, 1959, 1968, 1973, 1980, 1996, 1997, 2012	

5.3.1. Sanborn Fire Insurance Maps

Ninyo & Moore requested historic fire insurance rate maps (Sanborn Maps) of the site through EDR. Sanborn Fire Insurance Rate Maps for the site and surrounding areas were available for review. A summary of the Sanborn Maps reviewed is presented in the following table. A copy of the Sanborn Map Report is included in Appendix E.

Summary of Sanborn Map Listings		
Year(s)	Site Comments	Adjoining Area Comments
1903	The site is mapped with one residential house in the northwest corner of the site. The remainder of the site is covered with "lawns."	The properties surrounding the site consist primarily of residential houses to the north, west, east, and southwest. To the northwest and south of the site is vacant land.
1911	The residential house mapped on the site is no longer present.	No significant changes noted.
1950	Fourteen buildings are mapped on the site including: four residential houses, two office buildings, six garages, one storage shed, and one building that is part store, restaurant, and house.	The residential houses mapped to the west and southwest of the site are no longer present. Several additional residential houses are mapped to the north, east, and northwest. East Oakland Hospital is mapped to the west of the site, and The Home for the Aged for the Little Sisters of the Poor is mapped to the west of the site. Four commercial buildings are mapped to the south of the site and two office buildings are mapped to the southwest of the site. A parking lot is mapped to the southwest of the site.
1952	No significant changes noted.	No significant changes noted.
1953	No significant changes noted.	No significant changes noted.
1957	No significant changes noted.	No significant changes noted.
1959	Doctor's offices are mapped on the southeastern portion of the site. A donut shop is noted on the southwestern portion of the site. No other significant changes noted.	The four commercial buildings mapped to the south of the site are replaced with two larger commercial buildings.
1960	No significant changes noted.	No significant changes noted.
1964	Residential houses and garages are mapped on the western portion of the site, as well as along the eastern side of the site. The dwelling on the northeastern corner of the site has been replaced with a "utility service yard" and a storage shed. Doctor's offices are mapped on the southeastern portion of the site. The donut shop is still noted on the southwestern portion of the site.	The parking lot to the southwest of the site is replaced with a multi-level parking garage.
1965	The donut shop has been replaced with a gunsmith and a restaurant.	No significant changes noted.
1967	Six of the buildings in the western portion of the site are no longer present including; two garages, one storage shed, two residential buildings, and one office building.	No significant changes noted.

Year(s)	Site Comments	Adjoining Area Comments
1969	A multi-story office building is mapped on the western portion of the site. This building is consistent with the existing 2700 International Boulevard commercial building. The multi-use building (gunsmith and restaurant and residence) is consistent with the existing building addressed as 2712 International Boulevard.	No significant changes noted.

5.3.2. Historical Aerial Photographs

Ninyo & Moore reviewed historical aerial photographs of the site provided by EDR. A listing of the photographs reviewed is presented in the following table. Copies of the historical aerial photographs are provided in Appendix E.

Summary of Aerial Photographs			
Year(s)	Source	Site Comments	Adjoining Area Comments
1939	EDR	The site is developed with numerous structures. As noted on the 1950 Sanborn map; four of the structures are residential buildings, two are office buildings, six are garages, one is a storage shed, and one is multi-sue building (store, restaurant, and residential).	The site is surrounded by residential development to the northeast, southeast, and northwest. The East Oakland Hospital (1950 Sanborn Map) is located to the west of the site, and several office buildings are located to the east of the site. A parking lot is located to the southwest of the site, with four commercial buildings to the south of the site, and an "old folks home" called Home For The Aged For The Little Sisters Of The Poor (1950 Sanborn Map) to the west of the site.
1946	EDR	No significant changes noted.	No significant changes noted.
1958	EDR	No significant changes noted.	No significant changes noted.
1963	EDR	No significant changes noted.	No significant changes noted.
1968	EDR	One of the residential buildings is no longer present in the northeastern corner of the site. According to the 1964 Sanborn Map, the area is now used as a "utility service yard". Six of the buildings in the western portion of the site are no longer present including; two garages, one storage shed, two residential buildings, and one office building. The commercial building on the southwestern corner of the site (2700 International Boulevard) appears to have been demolished and replaced with a larger building, consistent with the existing building based on review of 1965, 1967 and 1969 Sanborn maps.	The parking lot to the south of the site, is converted into a multi-level parking garage.
1974	EDR	A multi-story office building is noted on the western portion of the site. Four buildings in the eastern portion of the site are no longer present including: two garages, as storage shed, and a residential house.	No significant changes noted.
1982	EDR	The office building located in the southern corner of the site is no longer present.	No significant changes noted.
1993	EDR	No significant changes noted.	No significant changes noted.
1998	EDR	No significant changes noted.	The parking garage located to the south of the site is no longer there and is now a vacant lot.

Year(s)	Source	Site Comments	Adjoining Area Comments
2005	EDR	The "utility service yard" is no longer present on the site.	The commercial buildings and vacant lot to the south of the site are replaced with "Think College Now" an international community school, and associated soccer and baseball fields.
2009	EDR	No significant changes noted.	No significant changes noted.
2012-2016	EDR	No significant changes noted.	No significant changes noted.

5.3.3. City Directories

Ninyo & Moore reviewed historical city directory listings for the site addresses to evaluate facilities of potential concern, which may have been historically located on the site. A summary of notable city directory listings is presented in the following table, and the EDR City Directory abstract is provided in Appendix E.

Summary of City Directory Listings	
Year(s)	Notable Listings in Address Range of Site
1920	2700 International Boulevard: Address not listed 1416 27th Avenue: Shepherd Charles R R 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed
1925	2700 International Boulevard: Address not listed 1416 27th Avenue: Bonnett Robert R 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Herrmann H E R 1404 Mitchell Street: Ryan Dr Harold T R 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Scarles John C R 1415 Mitchell Street: Sorensen Mrs E R
1926	2700 International Boulevard: Address not listed 1416 27th Avenue: Address not listed 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed
1928	2700 International Boulevard: Address not listed 1416 27th Avenue: HR 1bt Kst Ui nismis 1s H 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Regal Gereld D Sylvia M dir Grant D Miller H 1405 Mitchell Street: R Riemer G Eunice Press agt T & D Theatre H 1409 Mitchell Street: Loam Edw Clk R, Loam John Ellz Ironwkr H 1415 Mitchell Street: P Emil Alvilve Mariner H
1932	2700 International Boulevard: Address not listed 1416 27th Avenue: Address not listed 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed

Year(s)	Notable Listings in Address Range of Site
	1401 Mitchell Street: Address not listed 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed
1933	2700 International Boulevard: Address not listed 1416 27th Avenue: Spanggod Severin B L (Paulina) Fuel, Spanggod Kath Clk R, Spanggod Jesse A Fuel, Spanggod Norman Chaufer 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Le Julia Mrs H, Le Melle Jane Clk R 1404 Mitchell Street: Miner Myron A (Lorena) Trnmn Spco H 1405 Mitchell Street: Banner Meta C Mrs H 1409 Mitchell Street: Rom Edw Clk R, Rom John (Eliz) H 1415 Mitchell Street: Sorenson Emil (Alvilde), Stevedore H
1938	2700 International Boulevard: Address not listed 1416 27th Avenue: Spanggod S B L R 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Le Melle J R 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Sandell K Capt R
1940	2700 International Boulevard: Address not listed 1416 27th Avenue: Address not listed 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed
1943	2700 International Boulevard: Address not listed 1416 27th Avenue: Spanggod Severin B L 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Le Melle Mabel, Sherwood Swan & Co R 1404 Mitchell Street: Le Pez Lester H, Leotta K 1405 Mitchell Street: Johnson Twiman B Mildred pntr H 1409 Mitchell Street: Rom Edw B Stella M Teller Bof A H 1415 Mitchell Street: Long Richard S, Long Geo R, Wyland Samuel G Marie T
1945	2700 International Boulevard: Address not listed 1416 27th Avenue: Spanggod S B L R 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Le Melle J R 1404 Mitchell Street: Le Pez Lester H R 1405 Mitchell Street: Johnson T B R 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Wyland S G R
1946	2700 International Boulevard: Address not listed 1416 27th Avenue: Address not listed 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed

Year(s)	Notable Listings in Address Range of Site
	1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed
1950	2700 International Boulevard: Address not listed 1416 27th Avenue: Spanggard S B L R 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Way R B Scientific Systems 1405 Mitchell Street: Hawkins C F MD 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Wyland S G R
1951	2700 International Boulevard: Address not listed 1416 27th Avenue: Address not listed 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed
1954	2700 International Boulevard: Address not listed 1416 27th Avenue: Address not listed 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed
1955	2700 International Boulevard: Address not listed 1416 27th Avenue: Miller Wm E 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Way R B Scientific Systems 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Wyland S G R
1956-1960	2700 International Boulevard: Address not listed 1416 27th Avenue: Address not listed 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed
1962	2700 International Boulevard: Address not listed 1416 27th Avenue: Miller Wm E 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Gamez Antonio, Gamez Alicia 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Fernandez David 1415 Mitchell Street: Turver Geo

Year(s)	Notable Listings in Address Range of Site
1965	2700 International Boulevard: Address not listed 1416 27th Avenue: Address not listed 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed
1967	2700 International Boulevard: Address not listed 1416 27th Avenue: Vacant 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Staggers Frank E Phys 1405 Mitchell Street: Vacant 1409 Mitchell Street: Fox Bud L 1415 Mitchell Street: Address not listed
1970-1993	2700 International Boulevard: Address not listed 1416 27th Avenue: Address not listed 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed
1996	2700 International Boulevard: Address not listed 1416 27th Avenue: Address not listed 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed 1415 Mitchell Street: Jordan S Reconditioning Restaurant Equipment
2000	2700 International Boulevard: Smithkline Beecham Clinical Labs, California Children Health Services, Tan Sing H MD, Liem L Gie MD, Kaur Shivinder MD, Kim Jin Kwan MD, Gprin Michael E MD PC, Unilab C, Brown Frank O MD, Martinez George M MD, Mike S Oakland Medical Center Pharmacy, O Niel Bruce H MD 1416 27th Avenue: Address not listed 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed
2002	2700 International Boulevard: Address not listed 1416 27th Avenue: Address not listed 2712 International Boulevard: Address not listed 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed

Year(s)	Notable Listings in Address Range of Site
2006	2700 International Boulevard: Ariba, CA Children, Diagnostics Inc, Fang Horng MD, Group, Health Services, Healthcare, Kaurbir, Kim Jin Kwan MD, Medical CT Phar, Mikes Oakland, Oniel Bruce H MD, Shivinder MA, Tan Hsing Inc MD, Unilab Quest 1416 27th Avenue: Address not listed 2712 International Boulevard: Around The Clock 2716 International Boulevard: Address not listed 1401 Mitchell Street: Address not listed 1404 Mitchell Street: No Current Listing 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed
2010	2700 International Boulevard: Ariba Healthcare Group Inc, Bay Region Health Services Inc, Clinica La Luna Y El Sol, Felicio Akinwale, Jaime R Cortes MD Inc, Meyliker Paul, Oakland Pediatrics Behave, Tan Sing H MD Inc 1416 27th Avenue: Address not listed 2712 International Boulevard: Address not listed 2716 International Boulevard: La Clinica De La Raza Inc 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed
2014	2700 International Boulevard: Ariba Healthcare Group Inc, Bay Region Health Services Inc, Green Rush Consulting LLC, Jaime R Cortes MD Inc, Oakland Pediatrics Behave, Worldwide Prophetic Evangelical 1416 27th Avenue: Address not listed 2712 International Boulevard: Address not listed 2716 International Boulevard: La Clinica De La Raza Inc 1401 Mitchell Street: Address not listed 1404 Mitchell Street: Address not listed 1405 Mitchell Street: Address not listed 1409 Mitchell Street: Address not listed 1415 Mitchell Street: Address not listed

5.3.4. Historical Topographic Maps

Ninyo & Moore reviewed historical topographic maps of the site provided by EDR. A listing of the maps reviewed is presented in the following table. Copies of the historical topographic maps are provided in Appendix E.

Summary of Topographic Maps		
Year(s)	Quadrangle	Site Comments
1895,1897	San Francisco Concord	Site is mapped as undeveloped land.
1915	Concord San Francisco	Site is mapped as undeveloped land.
1947	Oakland East	Site is mapped as "urban land." No site features are depicted on the topographic map.
1948	Concord San Francisco	Site is mapped as "urban land." No site features are depicted on the topographic map.
1949-1997	Oakland East Oakland West	Site is mapped as "urban land." No site features are depicted on the topographic map.
2012	Oakland East Oakland West	Site features are not depicted on the 2012 topographic map.

5.3.5. Title Records

A historical chain-of-title report was not requested by the Client for review by Ninyo & Moore during the completion of this report.

5.3.6. Recorded Environmental Liens and AULs

An environmental lien search report was not requested by the Client for review by Ninyo & Moore during the completion of this report.

5.3.7. Previous Investigations

Ninyo & Moore was not provided copies of prior reports completed for the site.

5.4. Adjoining Property Use Information

Adjoining properties were described in Section 2.3. Based on our site visit and review of agency files, none of the adjoining properties are considered to have impacted the site at this time.

6. PRELIMINARY VAPOR ENCROACHMENT SCREENING

Ninyo & Moore conducted a preliminary vapor encroachment screen (pVES) for potential chemicals of concern (COC). The pVES was based on the guidelines presented in the ASTM E2600-10 Standard Guide for Vapor Encroachment Screening on Property Involved in Real Estate Transactions. The purpose of the pVES was to identify a vapor encroachment condition (VEC), which is the presence or likely presence of COC vapors in sub-surface soils at the site as a result of a release of vapors from contaminated soil or groundwater either on or near the site. The potential for VECs beneath the site was evaluated using a Vapor Encroachment Screening Matrix (VESM). The VESM included performing a Search Distance Test to identify if there are any known or suspected contaminated sites surrounding or upgradient of the site within specific search radii, a COC Test (for those known or suspect contaminated sites identified within the Search Distance Test) to evaluate whether or not COC are likely to be present, and a Critical Distance Test to evaluate whether or not COC in a contaminated plume may be within the critical distance of the site (100 feet for non-petroleum hydrocarbon contaminants, and 30 feet for petroleum hydrocarbon contaminants).

Based on the completion of the VESM, it is presumed unlikely that a VEC currently exists beneath the site. A copy of the VESM is included in Appendix F.

7. INTERVIEWS

Interviews were conducted by Ninyo & Moore with the objective of obtaining information regarding potential environmental concerns in connection with the site.

7.1. Owner or Key Site Manager

Mr. Rudas Gebregiorges was interviewed during the site reconnaissance. According to Mr. Gebregiorges, the site building located at 2700 International Boulevard was constructed in 1969 as a medical office, while the property located at 2712-2716 was constructed in 1932 as a retail office. Mr. Gebregiorges was not aware of any hazardous materials incidents, spills, leaks or violations related to the site.

7.2. Past Owners

Past ownership entities were not made available to Ninyo & Moore during the preparation of this report. Therefore, interviews with past site owners was not conducted.

7.3. Environmental Regulatory Agency Inquiries

Ninyo & Moore submitted Public Records Requests for the site address to County, State and Local environmental regulatory agencies. The following sections describe the agencies contacted and whether or not representatives from the agencies were interviewed.

7.3.1. State/County Environmental Agencies

According to an email from the ACDEH Certified Unified Program Agency (CUPA), hazardous materials or hazardous waste records were not available for the site addresses. Ninyo & Moore requested records for the 1415 Mitchell Street address from the ACDEH CUPA; no CUPA hazmat files or records were available.

7.3.2. Local Environmental Agencies

The OFD was contacted regarding files related to the site. According to OFD staff, hazardous materials or hazardous waste records were not available for the site addresses.

8. ASTM NON-SCOPE CONSIDERATIONS

Non-Scope considerations such as mold, radon, wetlands, asbestos, or flood zones were not addressed as part of this report.

9. FINDINGS AND CONCLUSIONS

The following findings, opinions, conclusions and recommendations are provided.

9.1. Findings

- In Summary, the site is comprised of five parcels with the following addresses: 2700 International Boulevard; 2712-2716 International Boulevard; 2720 International Boulevard; 1409 Mitchell Street; and 1415 Mitchell Street. Currently there are medical offices and a parking lot located at 2700 International Boulevard. The current building is circa 1968, when it appears the 2700 International Boulevard parcel was merged with a parcel addressed as 2708 International Boulevard. Prior uses are medical offices dating prior to 1950 and residential, and lawns circa 1903. The 2712-2716 International Boulevard addresses are comprised of a two-story building, with commercial space on

the ground floor and residential above. This building was constructed subsequent to 1911 and prior to 1950 based on available historical information. Previous uses of the ground floor include a store, restaurant, donut shop, and a gunsmith. The 2720 International Boulevard address is a parking lot. It was listed as doctors offices on Sanborn maps from 1950-1969. The 1409 Mitchell Street parcel is a parking lot. It was a single-family dwelling until sometime after 1969. The 1415 Mitchell Street parcel is a parking lot and was a "utility service yard" from 1964 until sometime after 1969. This address was listed as a Pacific Bell RCRA-SQG (small quantity generator) in 1996, and as a RCRA-LQG (large quantity generator) in 1981. It is unclear what substances were generated for each database listing (LQG or SQG). Based on the database listings, hazardous substances were likely used on-site, and releases of hazardous substances may have occurred due to this former use.

- On July 30, 2019, Ms. Asha Turman of Ninyo & Moore conducted a site reconnaissance of the property. The reconnaissance involved a visual inspection of the site, and observations of adjoining properties. Mr. Rudas Gebregiorges with NAI Northern California (real estate broker) and Ms. Aubra Levine with The Unity Council, escorted Ms. Turman around the property during the site reconnaissance. At the time of the reconnaissance, the approximate 0.64-acre site was developed with one commercial building, one commercial/residential building, and parking lot. Due to tenant privacy concerns, the residential units were not visually inspected. The interiors of the commercial spaces were visually observed.
- At the time of our site reconnaissance, the buildings were occupied by:
 - 2700 International Boulevard: commercial office space occupied by Quest Diagnostics, State Farm Insurance, Oakland 420 Doctor, Tulip Motors, Ariba Healthcare Group, and Brothers on the Rise.
 - 2712/2714 International Boulevard: residential units.
 - 2716 International Boulevard: BioCollections Worldwide, Inc. BioCollections Worldwide Inc. operates as a testing laboratory. The company offers blood collection, handling protocols, custom panel production, biorespiratory management, and clinical laboratory testing services.
 - 2720 International Boulevard, 1409 and 1415 Mitchell Street: parking lots used by the building occupants/tenants.
- Interior construction materials noted in the buildings included concrete stairs, carpeting, vinyl floor tiles (12-in. x 12-in.), vinyl sheeting flooring, painted and textured plaster walls, and acoustic tile and plaster ceilings. Interior finishes appeared to be in good condition.
- The exterior of the buildings consisted of stucco siding, flat tar roofing on the commercial property and wood shingles on the residential property, with asphalt parking areas on the northeast and southeast sides of the buildings.

- The areas surrounding the site consist primarily of office/commercial buildings to the northwest and residential development (apartments) to the southwest, residential to the north and southeast and City property to the southeast.
- Based on our site visit, there are currently no wells on the site.
- Ninyo & Moore did not observe quantities of hazardous substances or petroleum products used or stored on site during our site reconnaissance.
- Indications of aboveground storage tanks (ASTs), underground storage tanks (USTs), or hazardous material spills or leaks, were not observed during the site reconnaissance.
- Review of an environmental database report obtained for this project indicated that the 1415 Mitchell Street parcel is listed on several of the regulatory databases researched by Environmental Data Resources Inc. (EDR), including the RCRA-LQG and RCRA-SQG databases. The address was listed as a Pacific Bell RCRA-SQG (small quantity generator) in 1996, and as a RCRA-LQG (large-quantity generator) in 1981. It is unclear what substances were generated for each database listing (LQG or SQG). Hazardous substances, such as PCBs, may have been associated with this former use. Ninyo & Moore requested agency records from the Alameda County Environmental Health Department (ACEHD), and the City of Oakland Fire Department (OFD); neither agency had any records for 1415 Mitchell Street. Based on the historical use of this parcel as a "utility service yard" from 1964 until sometime after 1969, and the documented generation and disposal of hazardous wastes, this portion of the site is considered a potential environmental concern, but not a REC since there is no evidence of a release. As there are no RECs, no further investigation is required at this time.
- Several off-site facilities were located within the EDR search radius from the site. None of the listed facilities are considered to be a REC to the site at this time based on several factors, including distance from the site, location relative to the regional groundwater flow direction (e.g. hydraulically downgradient or crossgradient to the site), database listing type, and affected media (soil only). Refer to Section 5.1.2 for additional information regarding potential off site facilities of concern.
- Based on the completion of the Vapor Encroachment Condition (VEC) screening matrix, it is presumed unlikely that a VEC currently exists beneath the site.

9.2. Conclusions

Review of an environmental database report obtained for this project indicated that the 1415 Mitchell Street parcel is listed on several of the regulatory databases researched by Environmental Data Resources Inc. (EDR), including the RCRA-LQG and RCRA-SQG databases. The address was listed as a Pacific Bell RCRA-SQG (small quantity generator) in 1996, and as a RCRA-LQG (large-quantity generator) in 1981. It is unclear what substances were generated for each database listing (LQG or SQG). Based on the database listings, hazardous substances were likely used on-site, and releases of hazardous substances may have occurred due to this former use. Ninyo & Moore requested agency records from the

Alameda County Environmental Health Department (ACEHD), and the City of Oakland Fire Department (OFD); neither agency had any records for 1415 Mitchell Street. Based on the historical use of this parcel as a "utility service yard" from 1964 until sometime after 1969, and the documented generation and disposal of hazardous wastes, this portion of the site is considered a potential environmental concern, but not a REC since there is no evidence of a release.

9.2.1. RECs

RECs were not identified during the preparation of this report.

9.2.2. CRECs

CRECs were not identified during the preparation of this report.

9.2.3. HRECs

HRECs were not identified during the preparation of this report.

9.2.4. De Minimis Conditions

De minimis conditions were not identified during the preparation of this report.

9.4. Limiting Conditions/Deviations

This report was prepared in accordance with ASTM E1527-13. No deviations from the standard occurred in this ESA. Based on the information gathered by Ninyo & Moore for the purposes of this ESA, it is Ninyo & Moore's opinion the data obtained from the site reconnaissance, records reviewed, and interviews conducted, is adequate to make a conclusion on the environmental condition of the site with respect to the existence or lack of RECs associated with the site.

10. ENVIRONMENTAL PROFESSIONAL STATEMENT

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined by 312.10 of 40 CFR 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.

Site Assessor



Randy L. Wheeler
Senior Geologist

Senior Reviewer



Duane W. Blamer
Principal Geologist, P.G. No. 6913

Certification:

I declare that, to the best of my professional knowledge and belief, I meet the definition of Environmental Professional as defined in 40 CFR Part 312. I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed the all appropriate inquiries in conformance with the standards and practices set forth in 40 CFR Part 312.



Randy L. Wheeler - Senior Geologist

11. REFERENCES

US Environmental Protection Agency (EPA). All Appropriate Inquiry (AAI), Title 40 of Code of Federal Regulations (CFR) Section 312.10.

ASTM International, 2013, Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process, Designation E1527-13.

California Department of Conservation, California Geological Survey (CGS), 2010. California Geomorphic Provinces, Note 36.

Environmental Data Resources, Inc., 2019, The Environmental Data Resources Sanborn Map Report, dated July 26.

Environmental Data Resources, Inc., 2019, The Environmental Data Resources Aerial Photo Decade Package, dated July 26.

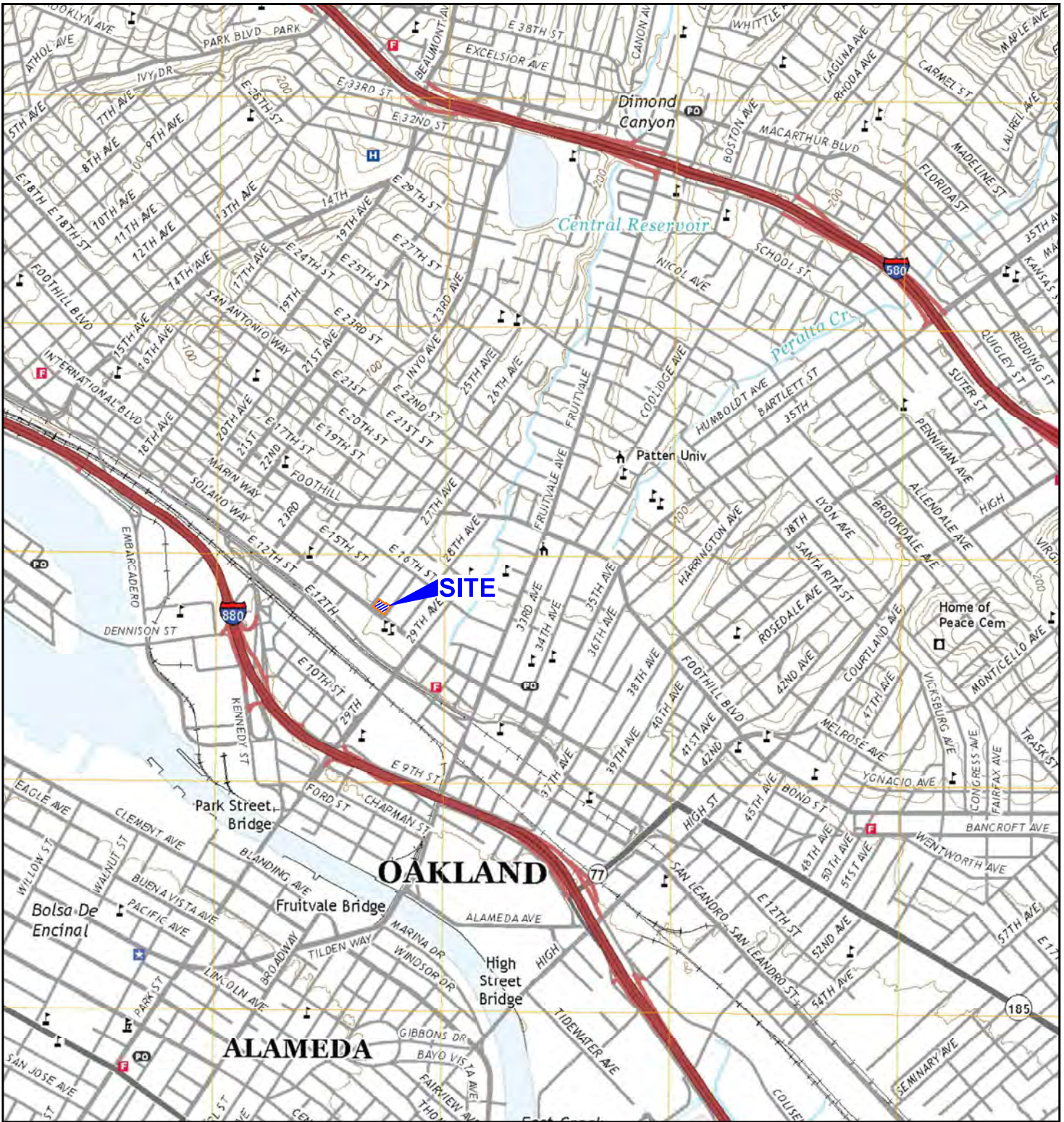
Environmental Data Resources, Inc., 2019, The Environmental Data Resources City Directory Report, dated July 26.

Environmental Data Resources, Inc., 2019, The Environmental Data Resources Historical Topographic Map Report, dated July 26.

Environmental Data Resources, Inc., 2019, The Environmental Data Resources Radius Map Report with GeoCheck, dated July 17.

Wagner, D.L., E.J. Bortugno, and R.D. McJunkin. 1991. *Geologic Map of the San Francisco-San Jose Quadrangle, California* [map]. 1:250,000, Regional Geologic Map Series, Map No. 5A. California Division of Mines and Geology, Sacramento.

FIGURES



403095011.dwg 08/27/2019.AEK

NOTE: DIMENSIONS, DIRECTIONS, AND LOCATIONS ARE APPROXIMATE | REFERENCE: USGS, 2018

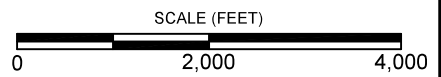
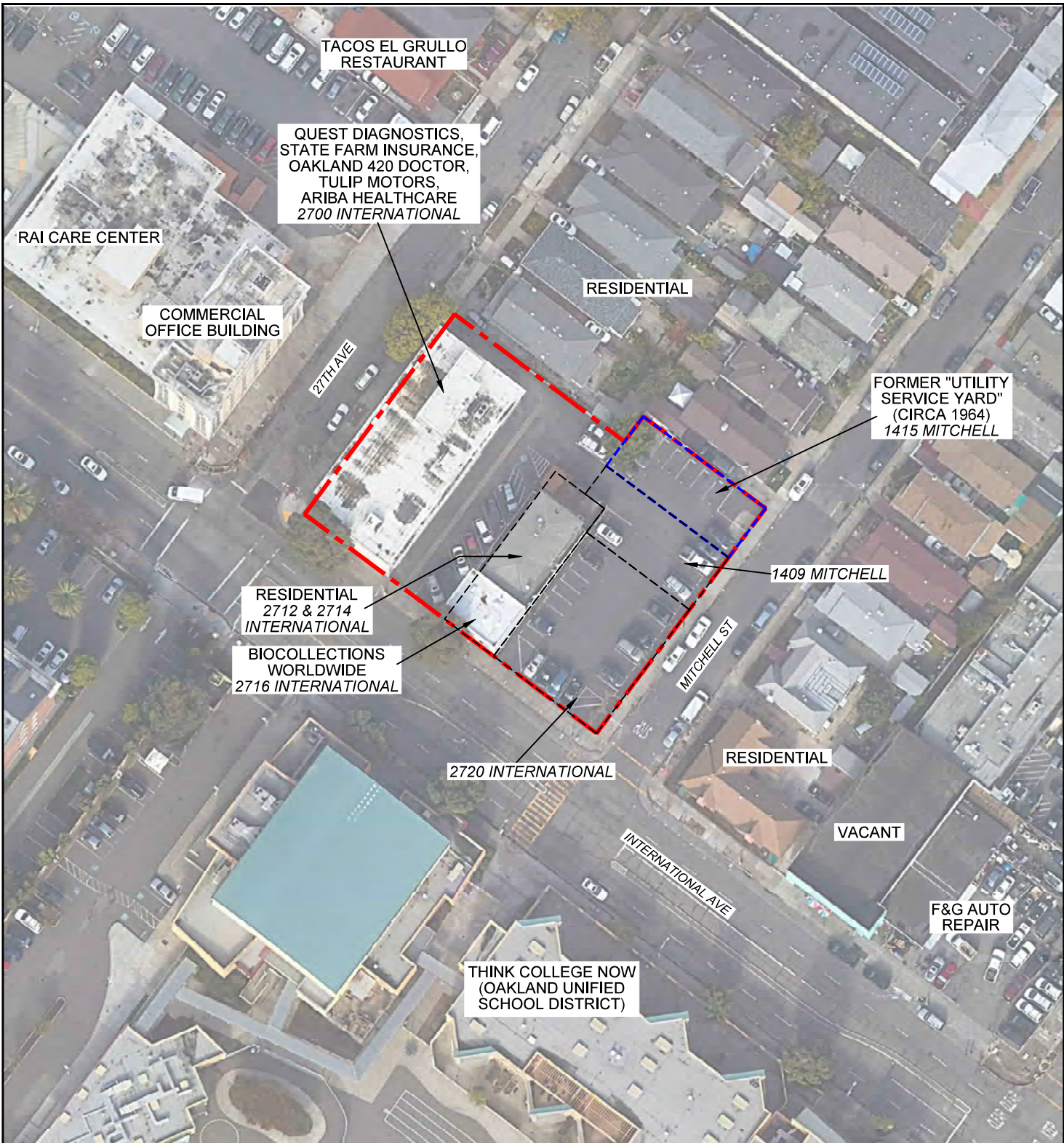


FIGURE 1

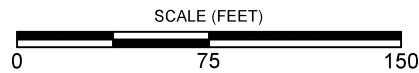
SITE LOCATION

PHASE I ENVIRONMENTAL SITE ASSESSMENT
 2700 INTERNATIONAL BOULEVARD
 OAKLAND, CALIFORNIA
 403095011 | 08/19



LEGEND
 - - - - - SITE BOUNDARY

NOTE: DIMENSIONS, DIRECTIONS, AND LOCATIONS ARE APPROXIMATE | REFERENCE: GOOGLE EARTH, 2019



403095011.dwg 08/27/2019 AEK

FIGURE 2

Appendix A:
RESUMES

RANDY L. WHEELER

SENIOR GEOLOGIST

EDUCATION

B.A., Geology, 1988, California State University, Sacramento

REGISTRATIONS

Certified Environmental Manager 2127 (Nevada)

EXPERIENCE HIGHLIGHTS

Santa Clara Valley Water District
USEPA Brownfield Assessments
Bridge District Infrastructure Project
Former Sugar Processing Facility
Former Union Pacific Redevelopment Property
Multiple Commercial Property Transfer

PROFESSIONAL AFFILIATIONS

Association of Environmental Professionals - Superior California Chapter
American Public Works Associated – Sacramento Chapter

As Senior Geologist, Mr. Wheeler conducts Phase I Environmental Site Assessments and assists with the planning and implementation of Phase II soil, soil gas, and groundwater investigations. Past project types have included single-family residential developments, large-scale commercial and industrial facilities, city redevelopment areas, and large scale agricultural lands.

REPRESENTATIVE PROJECT EXPERIENCE

Santa Clara Valley Water District (SCVWD), Linear Phase I Environmental Site Assessments, Santa Clara County, California: Ninyo & Moore provided environmental services as a subconsultant to Overland, Pacific & Cutler, Inc. on behalf of the SCVWD. As Senior Project Manager, provided project coordination and implementation, field reconnaissance oversight, report preparation and oversight, project invoicing and client interactions. The project consists of conducting Phase I ESAs of approximately 140 properties along Upper Llagas Creek, which the SCVWD is proposed to purchase portions of for implementing flood protection measures.

Moffett Towers, Sunnyvale, California: Project Manager for a Phase I ESA of a 23-acre commercially-developed office property. The site was previously part of the “Plant One” facility operated by Lockheed Martin Space Systems Company (LMSSC) property. The LMSSC operated as an aerospace research, fabrication, and manufacturing facility. The intent of the investigation was to identify RECs associated with previous site uses related to the LMSSC facility and the potential impacts to the property. Ninyo & Moore did not identify any RECs associated with the site or the previous LMSSC facility that impacted the on-going or future uses of the site.

Bay Road Commercial Property, Redwood City, California: Managed and conducted a Phase I Site Assessment of an 8,900 square-foot commercial property which was previously occupied by Federal Circuits, which manufactured printed circuit boards. Federal used and stored hazardous materials and chemicals, including, but not limited to, ammonium hydroxide, sodium hydroxide, sulfuric acid, copper sulfate, sodium persulfate, solder strip with hydrogen peroxide, and solvent-based screening wash and cleaners. The chemicals were reportedly stored in above-ground tanks and drums inside the building. Wastewater generated during the circuit board manufacturing processes reportedly contained heavy metals and was directed through various subsurface pipes and trenches into a concrete sump for pH adjustment and removal of metals prior to discharge to the sanitary sewer system. The facility was closed and all equipment and chemicals were removed. Chemical-impacted concrete was excavated and removed from the site and a closure letter was issued. The site was redeveloped into a commercial heating and air conditioning business.

Former Media Dimensions Facility, Fremont, California: Project Manager for the completion of a Phase I Environmental Site Assessment of a former compact disc manufacturing facility. Media Dimensions used and stored hazardous materials and chemicals such as sulfuric acid, caustic soda, hydrogen peroxide, nitric acid, sodium hydroxide, and nickel compounds. Wastewater generated during the compact disc manufacturing processes was directed through surface piping into three concrete-lined sumps and into the holding tanks for pH adjustment and removal of metals prior to discharge to the sanitary sewer system. The facility underwent closure activities, which included decontamination of interior surfaces, machines, and tools, removal of residual sludge and wastewater from the treatment system, and collection of subsurface soil samples. The site received a “No Further Action” letter and was subsequently redeveloped into a high-performance, aftermarket automotive components sales and installation facility.

DUANE W. BLAMER, PG

MANAGER, ENVIRONMENTAL SCIENCES

EDUCATION

B.S., Geological Sciences, 1983, University of Wisconsin

REGISTRATIONS

PG 6913 (California)

EXPERIENCE HIGHLIGHTS

Alameda County PWA On-Call Environmental Services Contract

City of Oakland PWA On-Call Environmental Services Contract

City of Sacramento Environmental Services

Manhattan Beach Redevelopment

Wood Treatment Plant Assessments

Multiple Commercial Property Transfer

Murrieta Solvent Release

PROFESSIONAL AFFILIATIONS

National Ground Water Association

Groundwater Resources Association

Mr. Blamer is a Principal Geologist for Ninyo & Moore. His environmental consulting experience includes managing, coordinating and directing a wide variety of environmental projects comprising numerous property types. Mr. Blamer's experience includes soil and groundwater investigation of a wide range of contaminant types, remediation of soil and groundwater, site history research and data compilation, litigation support and expert witness. He has applied his expertise to properties ranging from residential development to complex, large facilities including operations such as chemical plants and refineries. He has participated in preparation of all document types associated with environmental issues, and regularly participates in strategic development of large proposal efforts.

REPRESENTATIVE PROJECT EXPERIENCE

Alameda County Public Works Agency On-Call Environmental Services Contract, Alameda County, California: Principal-in-Charge for the ACPWA On-Call Environmental Services contract. The contract extends for four years, and includes a wide range of Environmental and Geotechnical Services, including preparation of Phase I and Phase II Environmental Site Assessments (ESAs), Remedial Action Plans (RAPs), oversight of remediation activities, Hazardous Building Material Surveys (HBMS) and oversight of hazardous material abatement activities.

City of Oakland Public Works Agency On-Call Environmental Services Contract, Oakland, California: Principal-in-Charge for the City of Oakland PWA On-Call Environmental Services contract. The scope of services for the contract includes preparation of Phase I and Phase II Environmental Site Assessments (ESAs), Remedial Action Plans (RAPs), and Soil Management Plans (SMPs).

City of Sacramento Environmental Services: Principal-in-Charge for a contract with the City of Sacramento and the Redevelopment Agency of the City of Sacramento for Environmental Site Assessment and Remediation Services. The City has been awarded three EPA Brownfields Assessment Grants and will use these funds to conduct Phase I and Phase II ESAs and remediation services for locations targeted by the City.

Oakland Unified School District, Downtown Campus, Oakland, California: Provided Principal-level oversight for this project, which involved working closely with the Department of Toxic Substances Control (DTSC) in preparing a Preliminary Site Investigation, Supplemental Site Investigation, and Remedial Action Plan for investigation and remediation of metal and petroleum impacted soil on the site property. The plan development for this site is the construction of two intermediate schools and an administrative building for the Oakland Unified School District.

Revere Copper and Brass, Commerce, California: Initially assigned as the principal field geologist for this project responsible for preparation and implementation of a Remedial Investigation (RI) work plan pursuant to a Consent Order from the DTSC. Assigned overall management of the project and client subsequent to completing the RI, including agency representation and negotiation. The project continued through the Feasibility Study (FS) and Remedial Action

REPRESENTATIVE PROJECT EXPERIENCE (CONTINUED)

Plan (RAP) stages, including an extensive Health Risk Assessment. The site was impacted by a variety of substances including metals, volatile organic compounds (VOCs), polychlorinated byphenols (PCBs) and various types of hydrocarbons. Both soil and groundwater were impacted as well portions of the facility structure. Upon acceptance of the RAP site remediation was implemented, which consisted of significant site excavation, removal of waste storage units, partial demolition of site structures, and decontamination of the facility interior. Subsequently coordinated and obtained site closure from the DTSC. A “No Action” ruling was obtained for groundwater. Provided litigation support to the site owner subsequent to site closure in support of cost recovery from their insurers. Provided several depositions pursuant to this matter which ultimately led to settlement of the claim.

Solvent Release Assessment, Murrieta, California: Lead Consultant for a soil and groundwater investigation of Perchloroethylene (PCE) release from a dry cleaning facility in a shopping center. Work was conducted on behalf of the property owner. The soil investigation consisted of soil gas survey and subsurface soil sampling to help define the vertical and lateral extent of impact. Groundwater investigation involved the placement of temporary well screens to help define the lateral extent of impact to groundwater. Based on the findings of the investigations a Corrective Action Plan (CAP) was prepared to address remediation of soil and groundwater and subsequently submitted to the Riverside County Department of Environmental Health for approval. The CAP proposed the use of dual-phase extraction, and provided a recommendation for conducting further investigation to confirm that PCE had not migrated vertically into deeper aquifers. The CAP was initiated subsequent to agency approval.

Chevron Oil Storage Facility, Manhattan Beach, California: Initially assigned as field geologist to carry out investigation of soil and groundwater, and air quality of site structures in support of redeveloping a 190-acre former crude oil storage facility into a high-end housing development. Remained with the project through its entire 15-year history through progressively more responsible roles including Senior Geologist, Project Manager and ultimately Lead Consultant. The site was identified on the California State Superfund List. Initial investigations focused on obtaining agency approval to allow development to proceed. The goal of subsequent investigations was to obtain delisting of the site from the Superfund List. Because of plans to develop the property for residential use over several years it had high-profile visibility within the community, and had the involvement of several state and local agencies including the California Department of Health Services (now the DTSC), the City Office of Manhattan Beach, the Manhattan Beach Fire Department, the Department of Real Estate, and the Regional Water Quality Control Board. Coordination with these multiple agencies posed a significant challenge to the project. Ultimately, both goals were achieved through extensive investigations and some remediation, which involved soil removal. A “No Action” ruling was obtained for groundwater. As a preventative measure against the accumulation of methane within site structures six vapor extraction systems were installed throughout the site. Subsequently went on to be the key technical person in litigation support. Provided several depositions and provided expert witness in a court hearing.

Trammel Crow Commercial Property Transfer, Various U.S.: Lead Consultant for a large property transaction involving 90+ commercial and industrial properties. Properties were leased to tenants that conducted a wide range of business operations. Initial services included providing Phase I Assessments on all properties. Findings of the Phase I program led to Phase II Assessments on many of the properties including subsurface soil and groundwater, lead, asbestos, and regulatory compliance issues. The project included assessment of whether tenants were in compliance with lease agreements relative to environmental items. Several of the properties had open environmental issues with regulatory agencies. Monitoring and remediation were conducted to satisfy regulatory agency requirements for closure of outstanding issues. The project required coordination and mobilization of resources throughout several states in the south and west for a period of approximately one year.

Toyota Motor, Long Beach, California: Project Manager for subsurface investigation of an automobile assembly facility. The investigation was conducted as part of a due diligence study on behalf of the property owner. The intent of the investigation was to identify the extent of environmental liabilities prior to putting the property on the market. The property was bordered by other industrial properties, and chemical product pipelines traversed the site subsurface. An important aspect of the project was to differentiate between impacts caused by the subject property and those resulting from surrounding properties and site easements. The investigations identified several issues that were related to offsite releases, thereby limiting the environmental liability associated with site property owner.

ASHA L. TURMAN

STAFF ENVIRONMENTAL SCIENTIST

EDUCATION

B.S. Environmental Science, 2014,
California State University, East Bay,
Hayward, California

CERTIFICATIONS

OSHA 40-Hour Health & Safety Training

EXPERIENCE HIGHLIGHTS

City of East Palo Alto Bay Road
Improvement Project

City of San Pablo Rumrill Park

Former Romic Environmental Facility

Former Bill Chun Service Station

City of Alameda Estuary Park
Improvements

CKG Environmental Soil Vapor Survey

OPC-Llagas Creek Phase II

MFRE/Comerica Phase I

Ms. Turman is a Staff Environmental Scientist for Ninyo & Moore. Ms. Turman is responsible for writing reports and conducting associated fieldwork for a variety of environmental projects, including Health and Safety Plans, Hazardous Materials Management Plans, and Environmental Site Assessments. Her fieldwork experience includes soil and groundwater sample collection, groundwater monitoring well installations/destructions, and environmental site assessments.

REPRESENTATIVE PROJECT EXPERIENCE

Phase I Environmental Site Assessment Portfolio, Confidential Client: Ninyo & Moore was contracted with a national lending institute to complete a 38-site Phase I Environmental Site Assessment portfolio of individual automotive dealerships located in Arizona, Colorado, Idaho, New Mexico, Oregon, Utah, and Oklahoma. Ms. Turman assisted in reviewing and documenting the historical and regulatory database information within the Phase I ESA report portfolio.

Former Romic Environmental Facility, Conceptual Remedial Design Plan, East Palo Alto, California: Staff Environmental Scientist who has assisted in oversight of the installation of horizontal injection and vertical extraction and groundwater monitoring wells for the former Romic Environmental facility in East Palo Alto. The former Romic facility is a Resource Conservation and Recovery Act (RCRA) facility under regulatory oversight by the EPA and DTSC, and is one of the most contaminated sites in the Bay Area. The main constituents of concern and the focus of the CRDP are chlorinated solvents that have been reported in extremely high dissolved phase concentrations in three water bearing zones on site. Chlorinated solvents as dense non-aqueous phase liquids (DNAPL) have also been reported in two of the three water bearing zones on site. Her current project responsibilities include the preparation of a semiannual groundwater monitoring report, permit packaging, and evaluation of site soils for reuse and /or disposal.

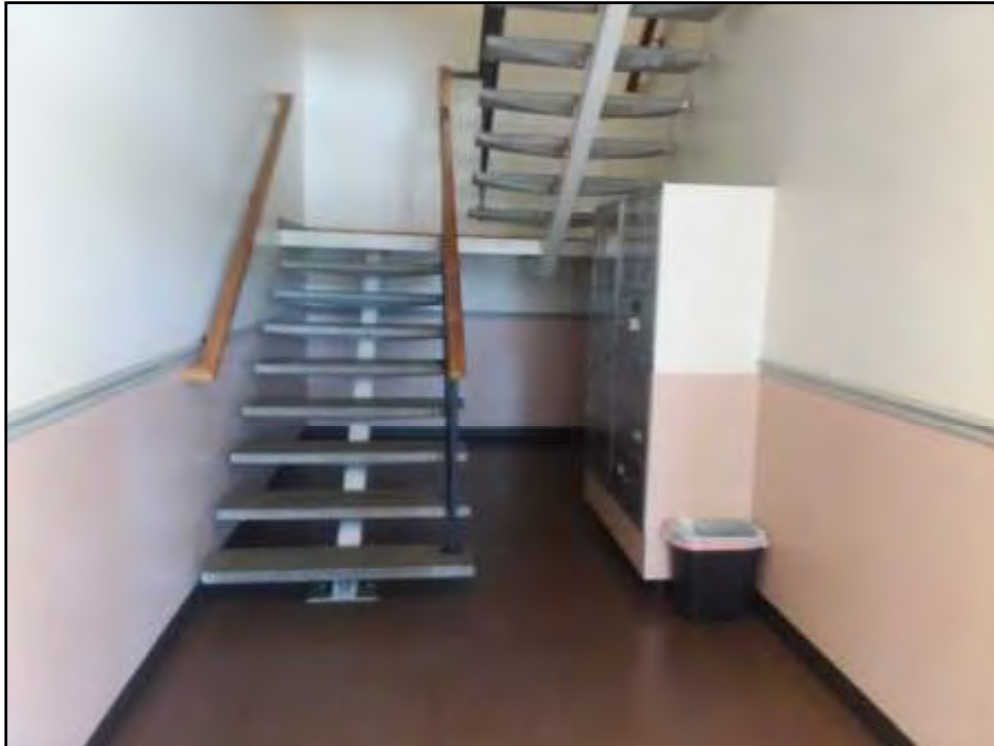
Former Bill Chun Service Station, Groundwater and Treatment System Monitoring, Alameda, California: Ninyo & Moore is currently contracted to remediate the groundwater plume associated with the former Bill Chun Service Station in Alameda, California. The groundwater plume consists of elevated concentrations of BTEX compounds, and Ninyo & Moore is conducting quarterly groundwater monitoring in order to evaluate the effectiveness of a groundwater recirculation and treatment system installed in 2014. As a Staff Environmental Scientist, Ms. Turman assists the Project Manager in sampling groundwater and treatment system effluent, and with preparation of quarterly groundwater monitoring reports.

Former Owens-Brockway Glass Containers, Inc. (Owens-Brockway) Factory, Oakland, California: Ninyo & Moore is assisting CKG Environmental in characterizing potential subsurface soil vapor impacts relating to historical site uses, including an asphalt refinery which operated with multiple underground storage tanks (USTs). Ms. Turman's responsibilities have included overseeing the installation of and sampling numerous double-nested soil vapor probes for petroleum hydrocarbon and volatile organic compounds.

Appendix B:
SITE PHOTOGRAPHS



1 : 2700 International - Exterior of building, oriented towards the southeast along International Blvd.



2 : 2700 International Boulevard - Interior stairwell.



3 : 2700 International Boulevard - Interior of office space.



4 : 2700 International Boulevard - First floor bathroom



5 : 2712-2714 International Boulevard exterior.



6 : 2716 International Boulevard - Exam room



7 : 2716 International Boulevard - Exposed HVAC air duct.



8 : 2716 International Boulevard - Flammable Storage



9 : 2716 International Boulevard - HVAC system on northeast exterior of building.



10 : 2716 International Boulevard - Janitor/Server room.



11 : 2716 International Boulevard - Lab equipment; biohazard storage, freezer, centrifuge



12 : 2716 International Boulevard - Oriented towards the southeast along International Blvd.



13 : Exterior of 2712-2714 International Boulevard.



14 : Exterior photo within parking lot oriented towards the northwest



15 : 1409,1415 International Boulevard - Oriented towards the southeast along International Blvd.



16 : 1409,1415 Mitchell Street - Storm drain in parking lot, photo oriented towards the southeast.



17 : 2716 International Boulevard - Exterior photo oriented towards the northwest along International Blvd.



18 : 2700 International Boulevard - Exterior photo of building oriented towards the southeast.



19 : 2700 International Boulevard - Interior hallway and elevator.



20 : 2700 International Boulevard - Exterior photo of building oriented towards the northwest along International Blvd.



21 : 2700 International Boulevard - Exterior photo of building oriented towards the northeast along 27th Ave.

Appendix C:

ENVIRONMENTAL DATA RESOURCES (EDR) RADIUS MAP REPORT

2700-2720 International
2700 International Blvd
Oakland, CA 94601

Inquiry Number: 5720116.2s
July 17, 2019

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

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Thank you for your business.
Please contact EDR at 1-800-352-0050
with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

2700 INTERNATIONAL BLVD
OAKLAND, CA 94601

COORDINATES

Latitude (North): 37.7808470 - 37° 46' 51.04"
Longitude (West): 122.2310240 - 122° 13' 51.68"
Universal Transverse Mercator: Zone 10
UTM X (Meters): 567716.6
UTM Y (Meters): 4181573.2
Elevation: 46 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5641110 OAKLAND EAST, CA
Version Date: 2012

Northwest Map: 5641112 OAKLAND WEST, CA
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140608
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
2700 INTERNATIONAL BLVD
OAKLAND, CA 94601

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
1	PACIFIC BELL	1415 MITCHELL STREET	RCRA-SQG, FINDS, ECHO	Higher	1 ft.
A2	BRIAN BAARTARKHUU	2648 INTERNATIONAL B	RCRA NonGen / NLR	Lower	122, 0.023, WNW
A3	ST JOSEPH'S PROFESSI	2647 INTERNATIONAL B	CA LUST, CA Alameda County CS, CA HIST CORTESE, CA...	Lower	183, 0.035, West
A4	OAKLAND HOSPITAL	2648 E 14TH ST	RCRA-SQG, CA SWEEPS UST, FINDS, ECHO, CA HAZNET	Lower	230, 0.044, WNW
A5	DR. LULA TSEGAY FAMI	2647 E 14TH ST STE 1	RCRA NonGen / NLR	Lower	251, 0.048, West
B6	MONTGOMERY WARD CO	VARIOUS LOCATIONS	RCRA-SQG, US AIRS, FINDS, ECHO	Higher	320, 0.061, SE
B7	OAKLAND USD	2825 INTERNATIONAL B	CA ENVIROSTOR, CA SCH, CA HAZNET	Lower	362, 0.069, South
B8	HERLING ELEANOR	1404 28TH AVE	EDR Hist Cleaner	Higher	379, 0.072, SE
C9	TRI CITY CLEANERS	2560 INTERNATIONAL B	CA LUST, CA Alameda County CS, CA HIST CORTESE, CA...	Lower	472, 0.089, NW
C10	TRI CITY CLEANERS	2560 E 14TH ST	EDR Hist Cleaner	Lower	516, 0.098, WNW
11	HERMES H C	2778 E 12TH ST	EDR Hist Auto	Lower	538, 0.102, SSW
C12	DELAWARE DEVELOPMENT	2530 INTERNATIONAL B	CA LUST, CA Alameda County CS, CA HIST CORTESE, CA...	Lower	577, 0.109, NW
C13	KAMUR INDUSTRIES INC	2530 EAST 14TH ST	EDR Hist Auto	Lower	593, 0.112, WNW
D14	DIAMOND DIESEL	2550 E 12TH ST	RCRA-SQG, FINDS, ECHO, CA HAZNET	Lower	627, 0.119, West
D15	HYSOM G W	2550 E 12TH ST	EDR Hist Auto	Lower	627, 0.119, West
D16	DIAMONDDIESEL	2550 E 12TH ST	CA CERS HAZ WASTE, CA CERS	Lower	627, 0.119, West
E17	LISA JOHNSTON	1426 29TH AVENUE	RCRA NonGen / NLR	Higher	741, 0.140, ESE
18	MIKE HEENEY	1510 29TH AVE	RCRA NonGen / NLR	Higher	761, 0.144, ESE
F19	SAFE STORAGE	2615 E 12TH ST	MN MANIFEST	Lower	770, 0.146, South
20	SCOTT COMPANY OF CAL	1618 28TH ST	RCRA-SQG, FINDS, ECHO, CA HAZNET	Higher	815, 0.154, ENE
F21	SAFE STORAGE USA	2783 EAST 12TH STREE	CA CPS-SLIC, CA BROWNFIELDS, CA CERS	Lower	825, 0.156, South
E22	NATIVE AMERICAN HEAL	2950 INTERNATIONAL B	RCRA NonGen / NLR	Higher	880, 0.167, SE
G23	STANDARD BRANDS PAIN	2442 14TH ST E	CA LUST, CA HIST CORTESE, CA CERS	Lower	983, 0.186, WNW
E24	ASPIRE ERES ACADEMY	2956 INTERNATIONAL B	CA ENVIROSTOR, CA SCH, CA HAZNET, CA CERS	Higher	991, 0.188, ESE
25	GOODWILL INDUSTRIES	1301 30TH	CA LUST, CA Alameda County CS, CA HIST CORTESE, CA...	Lower	992, 0.188, SSE
H26	OAKLAND HOUSING AUTH	1180 25TH AVE	RCRA NonGen / NLR	Lower	994, 0.188, West
H27	OAKLAND CITY OF HOUS	1180 25TH AVENUE	SEMS-ARCHIVE, RCRA-SQG, ICIS, FINDS, ECHO	Lower	994, 0.188, West
G28	DOLLAR TREE #01259	2445 INTERNATIONAL B	CA CERS HAZ WASTE, CA CHMIRS, CA HAZNET, CA CERS	Lower	996, 0.189, WNW
G29	DOLLAR TREE #01259	2445 INTERNATIONAL B	RCRA NonGen / NLR	Lower	996, 0.189, WNW
I30	CALTRANS DIST. 04 MA	29 TH AVENUE	RCRA-LQG, CA LUST, CA Alameda County CS, CA SWEEPS...	Lower	1014, 0.192, South
I31	SOUTH OAKLAND	1112 29TH AVE	CA HIST UST	Lower	1014, 0.192, South
I32	PACIFIC THOMAS CORP	0 29TH AVENUE	CA CPS-SLIC, CA CERS	Lower	1014, 0.192, SSE
G33	STANDARD BRANDS PAIN	2445 E 14TH STREET	CA HIST UST	Lower	1045, 0.198, WNW
34	LUCASEY MANUFACTURIN	2744 E 11TH ST	RCRA-SQG, CA CPS-SLIC, CA Alameda County CS,...	Lower	1073, 0.203, SW
J35	DREISBACH ENTERPRISE	2530 EAST 11TH STREE	CA CERS HAZ WASTE, CA HIST UST, CA CERS TANKS, CA...	Lower	1108, 0.210, WSW
J36	FLEMING COMPANIES	2530 E 011TH ST	CA SWEEPS UST, CA FID UST	Lower	1108, 0.210, WSW
K37	STEVE'S AUTO	2400 E 12TH ST	CA Alameda County CS, CA CERS HAZ WASTE	Lower	1222, 0.231, WNW
L38	SOUTH OAKLAND	1112 029TH AVE	CA FID UST	Lower	1222, 0.231, South
L39	29TH AVENUE	0 29TH AVENUE	CA CPS-SLIC, CA CERS	Lower	1232, 0.233, South

MAPPED SITES SUMMARY

Target Property Address:
2700 INTERNATIONAL BLVD
OAKLAND, CA 94601

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
K40	STANDARD BRANDS PAIN	2445 E 014TH ST	CA SWEEPS UST, CA FID UST	Lower	1233, 0.234, WNW
J41	DREISBACH ENTERPRISE	2530 E 11TH ST	RCRA NonGen / NLR	Lower	1281, 0.243, WSW
42	ROADWAY EXPRESS,INC	1125 27TH AVE	CA CPS-SLIC, CA CERS	Lower	1281, 0.243, SW
M43	3050 INTERNATIONAL B	3050 INTERNATIONAL B	US BROWNFIELDS	Higher	1322, 0.250, SE
M44	MELROSE FORD	3050 E 14TH ST	RCRA-SQG, CA LUST, CA Alameda County CS, CA SWEEPS...	Higher	1322, 0.250, SE
K45	TAXI TAXI INC	2345 INTERNATIONAL B	CA LUST, CA Alameda County CS, CA EMI, CA CERS	Lower	1362, 0.258, WNW
N46	EANDI METAL WORKS IN	2440 E 11TH ST	CA Alameda County CS, CA HAZNET	Lower	1383, 0.262, WSW
N47	PG&E - FORMER OAKLAN	1134 MILLER AVENUE	CA ENVIROSTOR, CA VCP, CA HAZNET	Lower	1406, 0.266, West
N48	23RD AVENUE PARTNERS	1125 MILLER AVE	CA LUST, CA Alameda County CS, CA CERS	Lower	1507, 0.285, West
49	STOP N GO MARKET (07	2710 FOOTHILL BLVD	CA LUST, CA Alameda County CS, CA SWEEPS UST, CA...	Higher	1651, 0.313, NE
O50	SENNA AUTOMOTIVE	2301 EAST 12TH STREE	CA Notify 65	Lower	1661, 0.315, WNW
O51	MEL SENNA BRAKE SERV	2301 12TH ST E	CA LUST	Lower	1661, 0.315, WNW
O52	MEL SENNA BRAKE SERV	2301 E 12TH STREET	CA LUST, CA Alameda County CS, CA Cortese, CA CERS	Lower	1661, 0.315, WNW
53	ARCO #0402 / PARKING	1450 FRUITVALE AVE	CA LUST, CA Alameda County CS, CA CERS	Lower	1756, 0.333, ESE
P54	OIL CHANGER #616	3132 12TH	CA LUST, CA HIST CORTESE, CA CERS	Lower	1810, 0.343, SE
P55	OIL CHANGER #616	3132 E 12TH ST	CA Alameda County CS, CA HIST UST	Lower	1810, 0.343, SE
Q56	WALT'S TRANSMISSION	1723 FRUITVALE AVENU	CA CPS-SLIC	Higher	1825, 0.346, East
Q57	WALT'S TRANSMISSION	1723 FRUITVALE AVE	CA Alameda County CS	Higher	1825, 0.346, East
O58	SOUTHERN PACIFIC TRA	0 12TH ST & 22ND	CA LUST, CA CERS	Lower	1891, 0.358, WNW
59	LALO'S AUTOBODY REPA	2801 FOOTHILL BLVD	CA Notify 65	Higher	1915, 0.363, NE
60	SHELL SERVICE STATIO	820 PORTWOOD	RCRA-SQG, CA LUST, CA Alameda County CS, FINDS,...	Lower	1926, 0.365, SSW
R61	DTR TRUCK RENTALS	2250 E 12TH	RCRA-SQG, CA Alameda County CS, FINDS, ECHO, CA...	Lower	2003, 0.379, WNW
R62	CONTRACTORS EQUIPMEN	2250 12TH ST E	CA LUST	Lower	2027, 0.384, WNW
S63	CALIFORNIA COTTON MI	1091 CALCOT PLACE	CA LUST, CA Cortese, CA CERS	Lower	2034, 0.385, West
S64	CALIFORNIA COTTON MI	1091 CALCOT PL	CA Alameda County CS	Lower	2034, 0.385, West
T65	HOLT VISUAL COMMUNIC	802 KENNEDY	CA LUST, CA HIST CORTESE, CA CERS	Lower	2147, 0.407, SW
T66	HOLT VISUAL COMMUNIC	802 KENNEDY ST	CA Alameda County CS	Lower	2147, 0.407, SW
U67	EARTHGRAINS BAKING C	955 KENNEDY STREET	CA LUST, CA EMI, CA CERS	Lower	2164, 0.410, WSW
U68	KILPATRICK'S BAKERY	955 KENNEDY	CA CHMIRS, CA HIST CORTESE	Lower	2164, 0.410, WSW
U69	EARTHGRAINS CO	955 KENNEDY ST	CA LUST, CA Alameda County CS, CA NPDES, CA WDS,...	Lower	2164, 0.410, WSW
V70	HANS AND GUNTER ROOF	2834 E 7TH ST.	CA LUST, CA Alameda County CS, CA Cortese, CA CERS	Lower	2230, 0.422, SSW
R71	EXXON #7-0238	2200 EAST 12TH ST.	CA LUST, CA HIST CORTESE, CA CERS	Lower	2253, 0.427, WNW
R72	URBAN PROMISE ACADEM	2200-2288 EAST 12TH	CA ENVIROSTOR, CA SCH	Lower	2253, 0.427, WNW
R73	URBAN PROMISE ACADEM	2200-2288 EAST 12TH	US BROWNFIELDS, FINDS	Lower	2253, 0.427, WNW
R74	SERVICE STATION	2200 EAST 12TH STREE	CA Notify 65	Lower	2253, 0.427, WNW
R75	EXXONMOBIL C/O ENVIR	2200 E 12TH STREET	CA Alameda County CS, CA SWEEPS UST, CA EMI, CA...	Lower	2253, 0.427, WNW
R76	URBAN PROMISE ACADEM	2200-2288 EAST 12TH	US BROWNFIELDS	Lower	2253, 0.427, WNW
R77	EXXON	2200 12TH ST E	CA LUST	Lower	2253, 0.427, WNW
W78	EXXON #7-7516 / CONT	2200 INTERNATIONAL	CA LUST, CA Alameda County CS, CA HIST CORTESE, CA...	Lower	2258, 0.428, NW

MAPPED SITES SUMMARY

Target Property Address:
2700 INTERNATIONAL BLVD
OAKLAND, CA 94601

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
T79	SARONI TFI	727 KENNEDY ST	CA LUST, CA Alameda County CS, CA SWEEPS UST, CA...	Lower	2304, 0.436, SW
V80	EBMUD	UNK 7TH ST & 29TH AV	CA Alameda County CS	Lower	2322, 0.440, SSW
81	DISCOUNT AUTO	1951 23RD	CA LUST, CA Alameda County CS, CA HIST CORTESE, CA...	Higher	2334, 0.442, North
W82		2200 EAST 14TH ST	CA Notify 65	Lower	2341, 0.443, NW
83	FIDELITY PACKAGING C	646 KENNEDY ST	RCRA-SQG, CA LUST, CA Alameda County CS, CA...	Lower	2353, 0.446, SW
X84	SOUTHERN PACIFIC TRA	0 E 12TH ST & 22ND A	CA Alameda County CS	Lower	2372, 0.449, WNW
V85	EBMUD	UNKNOWN 7TH ST & 29T	CA HIST CORTESE	Lower	2388, 0.452, SSW
Y86	FILLMORE MARKS PROPE	534 23RD	CA LUST, CA Alameda County CS, CA HIST CORTESE, CA...	Lower	2399, 0.454, SSW
Z87	DEL MONTE PLANT 37/2	3100 E 9TH ST	CA Alameda County CS, CA HIST UST	Lower	2402, 0.455, SSE
Z88	SAV ON DRUG 3714	3100 E NINETH ST	CA LUST, RCRA NonGen / NLR, CA HIST CORTESE, CA...	Lower	2402, 0.455, SSE
AA89	LEMOINE COLD STORAGE	630 29TH AVE	CA LUST	Lower	2422, 0.459, SSW
AA90	LEMOINE COLD STORAGE	630 29TH	CA LUST, CA Alameda County CS, CA HIST CORTESE, CA...	Lower	2422, 0.459, SSW
AB91	3229 SAN LEANDRO STR	3229 SAN LEANDRO STR	RCRA-SQG, US BROWNFIELDS, CA HIST UST, FINDS, ECHO	Lower	2426, 0.459, SSE
92	STATE SHINGLE COMPAN	880 FRUITVALE AVE	CA LUST, CA Alameda County CS, CA SWEEPS UST, CA...	Lower	2440, 0.462, SSE
AC93	SHELL / FIDEL CASILL	2001 FRUITVALE	CA LUST, CA Alameda County CS, CA HIST CORTESE, CA...	Higher	2462, 0.466, ENE
Y94	EXCHANGE LINEN SERVI	527 23RD AVE	RCRA-SQG, CA LUST, CA Alameda County CS, CA SWEEPS...	Lower	2473, 0.468, SW
X95	CHEVRON #20-1919	2142 E 12TH ST	CA Alameda County CS, CA HIST UST	Lower	2496, 0.473, WNW
X96	CHEVRON	2142 12TH ST E	CA LUST	Lower	2496, 0.473, WNW
AB97	3301 SAN LEANDRO BOU	3301 SAN LEANDRO BOU	US BROWNFIELDS, FINDS	Lower	2525, 0.478, SSE
98	LIFE ACADEMY HIGH SC	2111 INTERNATIONAL B	CA ENVIROSTOR, CA SCH	Lower	2540, 0.481, WNW
99	FRUITVALE BART	0 FRUITVALE AVE & 37	CA CPS-SLIC, CA Alameda County CS, CA CERS	Lower	2558, 0.484, SE
AD100	WEST COAST VENDING I	2124 LIVINGSTON ST	CA LUST, CA Alameda County CS, CA Cortese, CA HIST...	Lower	2573, 0.487, West
AD101	WEST COAST VENDING I	2124 LIVINGSTON ST	CA LUST	Lower	2573, 0.487, West
102	ESPOSITO PLATING COP	29042908 CHAPMAN STR	CA HIST CORTESE	Lower	2588, 0.490, South
AA103	ESPOSITO PLATING & P	2904 CHAPMAN ST.	SEMS-ARCHIVE, RCRA-LQG, CA ENVIROSTOR, CA VCP, CA.	Lower	2591, 0.491, South
104	CHILDREN'S HOSPITAL	1050 22ND AVE	CA LUST, CA Alameda County CS, CA SWEEPS UST, CA...	Lower	2603, 0.493, WNW
AC105	PACIFIC BELL	2112 FRUITVALE AVENU	RCRA-SQG, CA UST, CA SWEEPS UST, CA HIST UST, CA...	Higher	2732, 0.517, ENE
106	GOLD SEAL PLATING	3125 EAST 7TH STREET	RCRA-SQG, CA ENVIROSTOR, FINDS, ECHO, CA WDS	Lower	3065, 0.580, South
107	PORT OF OAKLAND - EM	DENNISON AND EMBARCA	CA RESPONSE, CA ENVIROSTOR, CA HIST Cal-Sites, CA...	Lower	3299, 0.625, West
108	BEDFORD PROPERTY SIT	54 EMBARCADERO STREE	CA ENVIROSTOR, CA CPS-SLIC	Lower	3331, 0.631, West
109	FORMER OAKLAND METAL	400 DERBY AVE	CA ENVIROSTOR	Lower	3339, 0.632, South
110	ASCEND SITE	3709 EAST 12TH STREE	CA ENVIROSTOR, CA SCH, CA HAZNET, CA CERS	Lower	3518, 0.666, SE
111	KNOWN	1755 EMBARCADECO EAS	CA Notify 65	Lower	3612, 0.684, WNW
112	AMERICAN CAN PACKAGI	3801 E 8TH ST	SEMS-ARCHIVE, CORRACTS, RCRA-TSDF, RCRA-SQG, 2020	Lower	3615, 0.685, SSE
113	AMERICAN NATIONAL CA	3801 E 8TH ST	CA ENVIROSTOR, CA CPS-SLIC, CA Alameda County CS,...	Lower	4005, 0.759, SE
114	ALAMEDA, NAVAL AND M	2144 CLEMENT AVENUE	CA RESPONSE, CA ENVIROSTOR, CA MCS	Lower	4393, 0.832, SW
AE115	UNKNOWN	2235 CLEMENT AVENUE	CA Notify 65	Lower	4452, 0.843, SW
AE116	RELIANCE SHEET & STR	2235 CLEMENT AVE	CA ENVIROSTOR, CA Alameda County CS, CA VCP, CA...	Lower	4452, 0.843, SW
117	OAKLAND 5	3927 WATTLING STREET	CA ENVIROSTOR, CA VCP	Lower	4562, 0.864, SE

MAPPED SITES SUMMARY

Target Property Address:
2700 INTERNATIONAL BLVD
OAKLAND, CA 94601

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
118	5 A RENT A SPACE	2201 CLEMENT AVE	CA Alameda County CS, CA HIST Cal-Sites	Lower	4562, 0.864, SW
119	FORMER J. H. BAXTER	2189, 2199, 2201, 22	CA RESPONSE, CA ENVIROSTOR, CA Cortese	Lower	4710, 0.892, SW
120	NIRS ALAMEDA FORGE (CA ENVIROSTOR	Lower	4948, 0.937, SW
121	NORTH COAST YACHTS,	2100 CLEMENT AVE	CA ENVIROSTOR, CA VCP, CA HAZNET, CA NPDES, CA...	Lower	4999, 0.947, SW
AF122	CLOROX-850 42ND ST.	850 42ND	CA RESPONSE, CA ENVIROSTOR, CA CPS-SLIC, CA DEED,..	Lower	5097, 0.965, SE
AF123	CLOROX CO OAKLAND PL	850 42ND AVE	SEMS-ARCHIVE, RCRA-SQG, CA CPS-SLIC, CA HIST...	Lower	5097, 0.965, SE
AF124	THE CLOROX COMPANY	850 42ND AVENUE	CA BOND EXP. PLAN	Lower	5097, 0.965, SE
AG125	ELMHURST PROJECT SIT	ELMHURST STREET/92ND	CA ENVIROSTOR, CA SCH	Lower	5126, 0.971, SE
AH126	FORMER EKOTEK LUBE	4200 ALAMEDA AVENUE	CA ENVIROSTOR, CA CPS-SLIC, CA Alameda County CS,...	Lower	5155, 0.976, SSE
AH127	EKOTEK LUBE	4200 ALAMEDA AVENUE	CA CPS-SLIC, CA BOND EXP. PLAN	Lower	5155, 0.976, SSE
128	DAVLIN PAINT	1401 14TH	CA LUST, CA Alameda County CS, CA HIST CORTESE, CA...	Lower	5199, 0.985, NW
129	EAST BAY BLUE SCHOOL	1745 14TH AVENUE	CA ENVIROSTOR, CA SCH, CA HAZNET, CA CERS	Lower	5236, 0.992, NW
AG130	FOOTHILL CAR WASH	955 HIGH STREET	CA ENVIROSTOR, CA SCH, CA CERS	Lower	5243, 0.993, SE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal RCRA generators list

RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List
US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State and tribal landfill and/or solid waste disposal site lists

CA SWF/LF..... Solid Waste Information System

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

EXECUTIVE SUMMARY

CA AST..... Aboveground Petroleum Storage Tank Facilities
INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

ADDITIONAL ENVIRONMENTAL RECORDS

Local Lists of Landfill / Solid Waste Disposal Sites

CA WMUDS/SWAT..... Waste Management Unit Database
CA SWRCY..... Recycler Database
CA HAULERS..... Registered Waste Tire Haulers Listing
INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands
DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations
ODI..... Open Dump Inventory
IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register
CA CDL..... Clandestine Drug Labs
CA Toxic Pits..... Toxic Pits Cleanup Act Sites
US CDL..... National Clandestine Laboratory Register
CA PFAS..... PFAS Contamination Site Location Listing

Local Land Records

CA LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
CA LDS..... Land Disposal Sites Listing
CA SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data

EXECUTIVE SUMMARY

COAL ASH EPA.....	Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER.....	PCB Transformer Registration Database
RADINFO.....	Radiation Information Database
HIST FTTS.....	FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS.....	Incident and Accident Data
CONSENT.....	Superfund (CERCLA) Consent Decrees
INDIAN RESERV.....	Indian Reservations
FUSRAP.....	Formerly Utilized Sites Remedial Action Program
UMTRA.....	Uranium Mill Tailings Sites
LEAD SMELTERS.....	Lead Smelter Sites
US MINES.....	Mines Master Index File
ABANDONED MINES.....	Abandoned Mines
UXO.....	Unexploded Ordnance Sites
DOCKET HWC.....	Hazardous Waste Compliance Docket Listing
FUELS PROGRAM.....	EPA Fuels Program Registered Listing
CA CUPA Listings.....	CUPA Resources List
CA DRYCLEANERS.....	Cleaner Facilities
CA Financial Assurance.....	Financial Assurance Information Listing
CA ICE.....	ICE
CA HWT.....	Registered Hazardous Waste Transporter Database
CA MINES.....	Mines Site Location Listing
CA MWMP.....	Medical Waste Management Program Listing
CA PEST LIC.....	Pesticide Regulation Licenses Listing
CA PROC.....	Certified Processors Database
CA UIC.....	UIC Listing
CA UIC GEO.....	UIC GEO (GEOTRACKER)
CA WASTEWATER PITS.....	Oil Wastewater Pits Listing
CA WIP.....	Well Investigation Program Case List
CA MILITARY PRIV SITES.....	MILITARY PRIV SITES (GEOTRACKER)
CA PROJECT.....	PROJECT (GEOTRACKER)
CA WDR.....	Waste Discharge Requirements Listing
CA NON-CASE INFO.....	NON-CASE INFO (GEOTRACKER)
CA OTHER OIL GAS.....	OTHER OIL & GAS (GEOTRACKER)
CA PROD WATER PONDS.....	PROD WATER PONDS (GEOTRACKER)
CA SAMPLING POINT.....	SAMPLING POINT (GEOTRACKER)
CA WELL STIM PROJ.....	Well Stimulation Project (GEOTRACKER)

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP..... EDR Proprietary Manufactured Gas Plants

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF..... Recovered Government Archive Solid Waste Facilities List
CA RGA LUST..... Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

EXECUTIVE SUMMARY

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE: SEMS-ARCHIVE (Superfund Enterprise Management System Archive) tracks sites that have no further interest under the Federal Superfund Program based on available information. The list was formerly known as the CERCLIS-NFRAP, renamed to SEMS ARCHIVE by the EPA in 2015. EPA may perform a minimal level of assessment work at a site while it is archived if site conditions change and/or new information becomes available. Archived sites have been removed and archived from the inventory of SEMS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list the site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. The decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be potential NPL site.

A review of the SEMS-ARCHIVE list, as provided by EDR, and dated 04/11/2019 has revealed that there are 2 SEMS-ARCHIVE sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>OAKLAND CITY OF HOUS</i> Site ID: 0903434 EPA Id: CA7860090045	<i>1180 25TH AVENUE</i>	<i>W 1/8 - 1/4 (0.188 mi.)</i>	<i>H27</i>	<i>68</i>
<i>ESPOSITO PLATING & P</i> Site ID: 0901193 EPA Id: CAD009174103	<i>2904 CHAPMAN ST.</i>	<i>S 1/4 - 1/2 (0.491 mi.)</i>	<i>AA103</i>	<i>366</i>

Federal RCRA CORRACTS facilities list

CORRACTS: CORRACTS is a list of handlers with RCRA Corrective Action Activity. This report shows which nationally-defined corrective action core events have occurred for every handler that has had corrective action activity.

A review of the CORRACTS list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 CORRACTS site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
<i>AMERICAN CAN PACKAGI</i> EPA ID:: CAD009162116	<i>3801 E 8TH ST</i>	<i>SSE 1/2 - 1 (0.685 mi.)</i>	<i>112</i>	<i>409</i>

EXECUTIVE SUMMARY

Federal RCRA generators list

RCRA-LQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

A review of the RCRA-LQG list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 RCRA-LQG site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
CALTRANS DIST. 04 MA EPA ID:: CAD982029324	29 TH AVENUE	S 1/8 - 1/4 (0.192 mi.)	I30	83

RCRA-SQG: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

A review of the RCRA-SQG list, as provided by EDR, and dated 03/25/2019 has revealed that there are 7 RCRA-SQG sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PACIFIC BELL EPA ID:: CAT080018948	1415 MITCHELL STREET	0 - 1/8 (0.000 mi.)	1	8
MONTGOMERY WARD CO EPA ID:: CAD981386311	VARIOUS LOCATIONS	SE 0 - 1/8 (0.061 mi.)	B6	18
SCOTT COMPANY OF CAL EPA ID:: CAR000053561	1618 28TH ST	ENE 1/8 - 1/4 (0.154 mi.)	20	51

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OAKLAND HOSPITAL EPA ID:: CAD079076261	2648 E 14TH ST	WNW 0 - 1/8 (0.044 mi.)	A4	15
DIAMOND DIESEL EPA ID:: CAD981571359	2550 E 12TH ST	W 0 - 1/8 (0.119 mi.)	D14	30
OAKLAND CITY OF HOUS EPA ID:: CA7860090045	1180 25TH AVENUE	W 1/8 - 1/4 (0.188 mi.)	H27	68
LUCASEY MANUFACTURIN EPA ID:: CAD982430894	2744 E 11TH ST	SW 1/8 - 1/4 (0.203 mi.)	34	93

EXECUTIVE SUMMARY

State- and tribal - equivalent NPL

CA RESPONSE: Identifies confirmed release sites where DTSC is involved in remediation, either in a lead or oversight capacity. These confirmed release sites are generally high-priority and high potential risk.

A review of the CA RESPONSE list, as provided by EDR, has revealed that there are 4 CA RESPONSE sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PORT OF OAKLAND - EM Database: RESPONSE, Date of Government Version: 04/29/2019 Status: Certified / Operation & Maintenance Facility Id: 1510021	DENNISON AND EMBARCA	W 1/2 - 1 (0.625 mi.)	107	390
ALAMEDA, NAVAL AND M Database: RESPONSE, Date of Government Version: 04/29/2019 Status: Refer: RWQCB Facility Id: 71000003	2144 CLEMENT AVENUE	SW 1/2 - 1 (0.832 mi.)	114	428
FORMER J. H. BAXTER Database: RESPONSE, Date of Government Version: 04/29/2019 Status: Active Facility Id: 1240036	2189, 2199, 2201, 22	SW 1/2 - 1 (0.892 mi.)	119	453
CLOROX-850 42ND ST. Database: RESPONSE, Date of Government Version: 04/29/2019 Status: Certified O&M - Land Use Restrictions Only Facility Id: 1280083	850 42ND	SE 1/2 - 1 (0.965 mi.)	AF122	468

State- and tribal - equivalent CERCLIS

CA ENVIROSTOR: The Department of Toxic Substances Control's (DTSC's) Site Mitigation and Brownfields Reuse Program's (SMBRP's) EnviroStor database identifies sites that have known contamination or sites for which there may be reasons to investigate further. The database includes the following site types: Federal Superfund sites (National Priorities List (NPL)); State Response, including Military Facilities and State Superfund; Voluntary Cleanup; and School sites. EnviroStor provides similar information to the information that was available in CalSites, and provides additional site information, including, but not limited to, identification of formerly-contaminated properties that have been released for reuse, properties where environmental deed restrictions have been recorded to prevent inappropriate land uses, and risk characterization information that is used to assess potential impacts to public health and the environment at contaminated sites.

A review of the CA ENVIROSTOR list, as provided by EDR, and dated 04/29/2019 has revealed that there are 23 CA ENVIROSTOR sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ASPIRE ERES ACADEMY Facility Id: 60002285 Status: Active	2956 INTERNATIONAL B	ESE 1/8 - 1/4 (0.188 mi.)	E24	58
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OAKLAND USD	2825 INTERNATIONAL B	S 0 - 1/8 (0.069 mi.)	B7	21

EXECUTIVE SUMMARY

Facility Id: 1230003 Status: Certified				
PG&E - FORMER OAKLAN Facility Id: 1490018 Status: Certified	1134 MILLER AVENUE	W 1/4 - 1/2 (0.266 mi.)	N47	187
URBAN PROMISE ACADEM Facility Id: 1760047 Status: Inactive - Action Required	2200-2288 EAST 12TH	WNW 1/4 - 1/2 (0.427 mi.)	R72	262
LIFE ACADEMY HIGH SC Facility Id: 60001178 Status: No Further Action	2111 INTERNATIONAL B	WNW 1/4 - 1/2 (0.481 mi.)	98	356
ESPOSITO PLATING & P Facility Id: 1340004 Status: Active	2904 CHAPMAN ST.	S 1/4 - 1/2 (0.491 mi.)	AA103	366
GOLD SEAL PLATING Facility Id: 71002917 Status: Inactive - Needs Evaluation	3125 EAST 7TH STREET	S 1/2 - 1 (0.580 mi.)	106	384
PORT OF OAKLAND - EM Facility Id: 1510021 Status: Certified / Operation & Maintenance	DENNISON AND EMBARCA	W 1/2 - 1 (0.625 mi.)	107	390
BEDFORD PROPERTY SIT Facility Id: 1500104 Status: Refer: RWQCB	54 EMBARCADERO STREE	W 1/2 - 1 (0.631 mi.)	108	403
FORMER OAKLAND METAL Facility Id: 60001833 Status: No Further Action	400 DERBY AVE	S 1/2 - 1 (0.632 mi.)	109	405
ASCEND SITE Facility Id: 1880004 Status: Certified	3709 EAST 12TH STREE	SE 1/2 - 1 (0.666 mi.)	110	406
AMERICAN NATIONAL CA Facility Id: 80001614 Status: Refer: RWQCB	3801 E 8TH ST	SE 1/2 - 1 (0.759 mi.)	113	422
ALAMEDA, NAVAL AND M Facility Id: 71000003 Status: Refer: RWQCB	2144 CLEMENT AVENUE	SW 1/2 - 1 (0.832 mi.)	114	428
RELIANCE SHEET & STR Facility Id: 1390007 Status: Certified	2235 CLEMENT AVE	SW 1/2 - 1 (0.843 mi.)	AE116	433
OAKLAND 5 Facility Id: 60002570 Status: Active	3927 WATTLING STREET	SE 1/2 - 1 (0.864 mi.)	117	444
FORMER J. H. BAXTER Facility Id: 1240036 Status: Active	2189, 2199, 2201, 22	SW 1/2 - 1 (0.892 mi.)	119	453
NIRS ALAMEDA FORGE (Facility Id: 80000048 Status: No Further Action		SW 1/2 - 1 (0.937 mi.)	120	455
NORTH COAST YACHTS, Facility Id: 60002415	2100 CLEMENT AVE	SW 1/2 - 1 (0.947 mi.)	121	456

EXECUTIVE SUMMARY

Status: No Further Action

CLOROX-850 42ND ST.	850 42ND	SE 1/2 - 1 (0.965 mi.)	AF122	468
Facility Id: 1280083 Status: Certified O&M - Land Use Restrictions Only				
ELMHURST PROJECT SIT	ELMHURST STREET/92ND	SE 1/2 - 1 (0.971 mi.)	AG125	486
Facility Id: 1990024 Status: Inactive - Needs Evaluation				
FORMER EKOTEK LUBE	4200 ALAMEDA AVENUE	SSE 1/2 - 1 (0.976 mi.)	AH126	488
Facility Id: 1290024 Status: Refer: RWQCB				
EAST BAY BLUE SCHOOL	1745 14TH AVENUE	NW 1/2 - 1 (0.992 mi.)	129	496
Facility Id: 1270026 Status: Inactive - Needs Evaluation				
FOOTHILL CAR WASH	955 HIGH STREET	SE 1/2 - 1 (0.993 mi.)	AG130	500
Facility Id: 1750035 Status: No Action Required				

State and tribal leaking storage tank lists

CA LUST: Leaking Underground Storage Tank (LUST) Sites included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA LUST list, as provided by EDR, has revealed that there are 39 CA LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MELROSE FORD	3050 E 14TH ST	SE 1/4 - 1/2 (0.250 mi.)	M44	173
Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-0959 Facility Status: Case Closed Global Id: T0600100883 date9: 3/1/1999				
STOP N GO MARKET (07	2710 FOOTHILL BLVD	NE 1/4 - 1/2 (0.313 mi.)	49	194
Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-1430 Facility Status: Case Closed Global Id: T0600101320 date9: 1/9/1998				
DISCOUNT AUTO	1951 23RD	N 1/4 - 1/2 (0.442 mi.)	81	306
Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-0496 Facility Status: Case Closed				

EXECUTIVE SUMMARY

Global Id: T0600100452

date9: 3/18/1996

SHELL / FIDEL CASILL **2001 FRUITVALE** **ENE 1/4 - 1/2 (0.466 mi.)** **AC93** **339**
 Database: LUST, Date of Government Version: 12/10/2018
 Database: LUST REG 2, Date of Government Version: 09/30/2004
 Status: Completed - Case Closed
 Facility Id: 01-2427
 Facility Status: Leak being confirmed
 Global Id: T0600102236

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ST JOSEPH'S PROFESSI Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-2192 Facility Status: Case Closed Global Id: T0600102014 date9: 5/8/1997	2647 INTERNATIONAL B	W 0 - 1/8 (0.035 mi.)	A3	11
TRI CITY CLEANERS Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-1062 Facility Status: Case Closed Global Id: T0600100979 date9: 3/30/1998	2560 INTERNATIONAL B	NW 0 - 1/8 (0.089 mi.)	C9	25
DELAWARE DEVELOPMENT Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-0483 Facility Status: Case Closed Global Id: T0600100439 date9: 3/4/1997	2530 INTERNATIONAL B	NW 0 - 1/8 (0.109 mi.)	C12	28
STANDARD BRANDS PAIN Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-1421 Facility Status: Case Closed Global Id: T0600101312 date9: 11/8/1994	2442 14TH ST E	WNW 1/8 - 1/4 (0.186 mi.)	G23	56
GOODWILL INDUSTRIES Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-2133 Facility Status: Case Closed Global Id: T0600101959 date9: 2/7/1996	1301 30TH	SSE 1/8 - 1/4 (0.188 mi.)	25	64
CALTRANS DIST. 04 MA Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004	29 TH AVENUE	S 1/8 - 1/4 (0.192 mi.)	I30	83

EXECUTIVE SUMMARY

Status: Completed - Case Closed
 Facility Id: 01-1763
 Facility Status: Preliminary site assessment workplan submitted
 Global Id: T0600101631

TAXI TAXI INC	2345 INTERNATIONAL B	WNW 1/4 - 1/2 (0.258 mi.)	K45	179
Database: LUST, Date of Government Version: 12/10/2018				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Status: Completed - Case Closed				
Facility Id: 01-1448				
Facility Status: Preliminary site assessment underway				
Global Id: T0600101337				
23RD AVENUE PARTNERS	1125 MILLER AVE	W 1/4 - 1/2 (0.285 mi.)	N48	189
Database: LUST, Date of Government Version: 12/10/2018				
Status: Completed - Case Closed				
Global Id: T0600177455				
MEL SENNA BRAKE SERV	2301 12TH ST E	WNW 1/4 - 1/2 (0.315 mi.)	O51	198
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Facility Id: 01-1317				
Facility Status: Preliminary site assessment underway				
MEL SENNA BRAKE SERV	2301 E 12TH STREET	WNW 1/4 - 1/2 (0.315 mi.)	O52	198
Database: LUST, Date of Government Version: 12/10/2018				
Status: Open - Assessment & Interim Remedial Action				
Global Id: T0600101212				
ARCO #0402 / PARKING	1450 FRUITVALE AVE	ESE 1/4 - 1/2 (0.333 mi.)	53	205
Database: LUST, Date of Government Version: 12/10/2018				
Status: Completed - Case Closed				
Global Id: T06019734265				
OIL CHANGER #616	3132 12TH	SE 1/4 - 1/2 (0.343 mi.)	P54	214
Database: LUST, Date of Government Version: 12/10/2018				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Status: Completed - Case Closed				
Facility Id: 01-1132				
Facility Status: Case Closed				
Global Id: T0600101042				
date9: 10/10/1997				
SOUTHERN PACIFIC TRA	0 12TH ST & 22ND	WNW 1/4 - 1/2 (0.358 mi.)	O58	219
Database: LUST, Date of Government Version: 12/10/2018				
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Status: Completed - Case Closed				
Facility Id: 01-2149				
Facility Status: Case Closed				
Global Id: T0600101975				
date9: 7/9/1997				
SHELL SERVICE STATIO	820 PORTWOOD	SSW 1/4 - 1/2 (0.365 mi.)	60	221
Database: LUST, Date of Government Version: 12/10/2018				
Status: Completed - Case Closed				
Global Id: T10000003427				
CONTRACTORS EQUIPMEN	2250 12TH ST E	WNW 1/4 - 1/2 (0.384 mi.)	R62	231
Database: LUST REG 2, Date of Government Version: 09/30/2004				
Facility Id: 01-2179				
Facility Status: Case Closed				
date9: 9/23/1996				
CALIFORNIA COTTON MI	1091 CALCOT PLACE	W 1/4 - 1/2 (0.385 mi.)	S63	231
Database: LUST, Date of Government Version: 12/10/2018				

EXECUTIVE SUMMARY

Status: Open - Eligible for Closure
Global Id: T10000006533

<p>HOLT VISUAL COMMUNIC Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-0775 Facility Status: Preliminary site assessment underway Global Id: T0600100712</p>	<p>802 KENNEDY</p>	<p>SW 1/4 - 1/2 (0.407 mi.)</p>	<p>T65</p>	<p>237</p>
<p>EARTHGRAINS BAKING C Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Global Id: T0600177342</p>	<p>955 KENNEDY STREET</p>	<p>WSW 1/4 - 1/2 (0.410 mi.)</p>	<p>U67</p>	<p>239</p>
<p>EARTHGRAINS CO Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-0863 Facility Status: Case Closed Global Id: T0600100797 date9: 4/17/1996</p>	<p>955 KENNEDY ST</p>	<p>WSW 1/4 - 1/2 (0.410 mi.)</p>	<p>U69</p>	<p>248</p>
<p>HANS AND GUNTER ROOF Database: LUST, Date of Government Version: 12/10/2018 Status: Open - Site Assessment Global Id: T06019754249</p>	<p>2834 E 7TH ST.</p>	<p>SSW 1/4 - 1/2 (0.422 mi.)</p>	<p>V70</p>	<p>253</p>
<p>EXXON #7-0238 Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Global Id: T0600101343</p>	<p>2200 EAST 12TH ST.</p>	<p>WNW 1/4 - 1/2 (0.427 mi.)</p>	<p>R71</p>	<p>258</p>
<p>EXXON Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Id: 01-1455 Facility Status: Remedial action (cleanup) Underway</p>	<p>2200 12TH ST E</p>	<p>WNW 1/4 - 1/2 (0.427 mi.)</p>	<p>R77</p>	<p>300</p>
<p>EXXON #7-7516 / CONT Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-1098 Facility Status: Case Closed Global Id: T0600101012 date9: 7/15/1996</p>	<p>2200 INTERNATIONAL</p>	<p>NW 1/4 - 1/2 (0.428 mi.)</p>	<p>W78</p>	<p>301</p>
<p>SARONI TFI Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-2132 Facility Status: Case Closed Global Id: T0600101958 date9: 3/26/1996</p>	<p>727 KENNEDY ST</p>	<p>SW 1/4 - 1/2 (0.436 mi.)</p>	<p>T79</p>	<p>303</p>
<p>FIDELITY PACKAGING C Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004</p>	<p>646 KENNEDY ST</p>	<p>SW 1/4 - 1/2 (0.446 mi.)</p>	<p>83</p>	<p>309</p>

EXECUTIVE SUMMARY

Status: Completed - Case Closed Facility Id: 01-0621 Facility Status: Case Closed Global Id: T0600100572 date9: 7/10/2000				
FILLMORE MARKS PROPE	534 23RD	SSW 1/4 - 1/2 (0.454 mi.)	Y86	314
Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-1823 Facility Status: Case Closed Global Id: T0600101689 date9: 10/18/1996				
SAV ON DRUG 3714	3100 E NINETH ST	SSE 1/4 - 1/2 (0.455 mi.)	Z88	318
Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-0482 Facility Status: Preliminary site assessment underway Global Id: T0600100438 Global Id: T06019745070				
LEMOINE COLD STORAGE	630 29TH AVE	SSW 1/4 - 1/2 (0.459 mi.)	AA89	323
Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Id: 01-2298 Facility Status: Leak being confirmed				
LEMOINE COLD STORAGE	630 29TH	SSW 1/4 - 1/2 (0.459 mi.)	AA90	324
Database: LUST, Date of Government Version: 12/10/2018 Status: Completed - Case Closed Global Id: T0600102114				
STATE SHINGLE COMPAN	880 FRUITVALE AVE	SSE 1/4 - 1/2 (0.462 mi.)	92	335
Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-1423 Facility Status: Case Closed Global Id: T0600101314 date9: 12/31/1996				
EXCHANGE LINEN SERVI	527 23RD AVE	SW 1/4 - 1/2 (0.468 mi.)	Y94	342
Database: LUST, Date of Government Version: 12/10/2018 Database: LUST REG 2, Date of Government Version: 09/30/2004 Status: Completed - Case Closed Facility Id: 01-1078 Facility Status: Case Closed Global Id: T0600100995 date9: 9/12/1996				
CHEVRON	2142 12TH ST E	WNW 1/4 - 1/2 (0.473 mi.)	X96	350
Database: LUST REG 2, Date of Government Version: 09/30/2004 Facility Id: 01-1340 Facility Status: Case Closed date9: 1/26/1996				
WEST COAST VENDING I	2124 LIVINGSTON ST	W 1/4 - 1/2 (0.487 mi.)	AD100	361
Database: LUST, Date of Government Version: 12/10/2018				

EXECUTIVE SUMMARY

Status: Open - Site Assessment
Global Id: T0600102157

WEST COAST VENDING I 2124 LIVINGSTON ST W 1/4 - 1/2 (0.487 mi.) AD101 366
Database: LUST REG 2, Date of Government Version: 09/30/2004
Facility Id: 01-2347
Facility Status: Leak being confirmed

CHILDREN'S HOSPITAL **1050 22ND AVE** **WNW 1/4 - 1/2 (0.493 mi.)** **104** **378**
Database: LUST, Date of Government Version: 12/10/2018
Database: LUST REG 2, Date of Government Version: 09/30/2004
Status: Completed - Case Closed
Facility Id: 01-1841
Facility Status: Case Closed
Global Id: T0600101707
date9: 1/9/1996

CA CPS-SLIC: Cleanup Program Sites (CPS; also known as Site Cleanups [SC] and formerly known as Spills, Leaks, Investigations, and Cleanups [SLIC] sites) included in GeoTracker. GeoTracker is the Water Boards data management system for sites that impact, or have the potential to impact, water quality in California, with emphasis on groundwater.

A review of the CA CPS-SLIC list, as provided by EDR, has revealed that there are 7 CA CPS-SLIC sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
WALT'S TRANSMISSION	1723 FRUITVALE AVENUE	E 1/4 - 1/2 (0.346 mi.)	Q56	217
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Open - Inactive Global Id: T06019762689				

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAFE STORAGE USA	2783 EAST 12TH STREE	S 1/8 - 1/4 (0.156 mi.)	F21	54
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Open - Site Assessment Global Id: T10000006483				
PACIFIC THOMAS CORP	0 29TH AVENUE	SSE 1/8 - 1/4 (0.192 mi.)	I32	91
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Open - Site Assessment Global Id: T10000001070				
LUCASEY MANUFACTURIN	2744 E 11TH ST	SW 1/8 - 1/4 (0.203 mi.)	34	93
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Open - Assessment & Interim Remedial Action Global Id: T10000007913				
29TH AVENUE	0 29TH AVENUE	S 1/8 - 1/4 (0.233 mi.)	L39	166
Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Open - Active Global Id: T10000010328				
ROADWAY EXPRESS,INC	1125 27TH AVE	SW 1/8 - 1/4 (0.243 mi.)	42	169
Database: SLIC REG 2, Date of Government Version: 09/30/2004 Database: CPS-SLIC, Date of Government Version: 12/10/2018 Facility Status: Completed - Case Closed				

EXECUTIVE SUMMARY

Facility Id: SLT2O142148

Global Id: SLT2O142148

FRUITVALE BART

0 FRUITVALE AVE & 37

SE 1/4 - 1/2 (0.484 mi.)

99

360

Database: CPS-SLIC, Date of Government Version: 12/10/2018

Facility Status: Open - Inactive

Global Id: T06019732174

CA Alameda County CS: A listing of contaminated sites overseen by the Toxic Release Program (oil and groundwater contamination from chemical releases and spills) and the Leaking Underground Storage Tank Program (soil and ground water contamination from leaking petroleum USTs).

A review of the CA Alameda County CS list, as provided by EDR, and dated 01/09/2019 has revealed that there are 39 CA Alameda County CS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MELROSE FORD Record Id: RO0000544 Status: Case Closed	3050 E 14TH ST	SE 1/4 - 1/2 (0.250 mi.)	M44	173
STOP N GO MARKET (07) Record Id: RO0001154 Status: Case Closed	2710 FOOTHILL BLVD	NE 1/4 - 1/2 (0.313 mi.)	49	194
WALT'S TRANSMISSION Record Id: RO0000172 Status: Leak Confirmation Status: Preliminary Site Assessment Underway Status: Pollution Characterization	1723 FRUITVALE AVE	E 1/4 - 1/2 (0.346 mi.)	Q57	218
DISCOUNT AUTO Record Id: RO0000868 Status: Case Closed	1951 23RD	N 1/4 - 1/2 (0.442 mi.)	81	306
SHELL / FIDEL CASILL Record Id: RO0000305 Status: Leak Confirmation Status: Preliminary Site Assessment Workplan Submitted Status: Pollution Characterization Status: Remediation Plan Status: Verificaiton Monitoring Underway <i>*Additional key fields are available in the Map Findings section</i>	2001 FRUITVALE	ENE 1/4 - 1/2 (0.466 mi.)	AC93	339

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ST JOSEPH'S PROFESSI Record Id: RO0000687 Status: Case Closed	2647 INTERNATIONAL B	W 0 - 1/8 (0.035 mi.)	A3	11
TRI CITY CLEANERS Record Id: RO0000865 Status: Case Closed	2560 INTERNATIONAL B	NW 0 - 1/8 (0.089 mi.)	C9	25
DELAWARE DEVELOPMENT Record Id: RO0001126 Status: Case Closed	2530 INTERNATIONAL B	NW 0 - 1/8 (0.109 mi.)	C12	28
GOODWILL INDUSTRIES	1301 30TH	SSE 1/8 - 1/4 (0.188 mi.)	25	64

EXECUTIVE SUMMARY

Record Id: RO0000762				
Status: Case Closed				
CALTRANS DIST. 04 MA	29 TH AVENUE	S 1/8 - 1/4 (0.192 mi.)	I30	83
Record Id: RO0000397				
Status: Pollution Characterization				
Status: Verificaiton Monitoring Underway				
Status: Case Closed				
LUCASEY MANUFACTURIN	2744 E 11TH ST	SW 1/8 - 1/4 (0.203 mi.)	34	93
Record Id: RO0002902				
Record Id: RO0003183				
Status: Preliminary Site Assessment Underway				
Status: Pollution Characterization				
Status: Case Closed				
STEVE'S AUTO	2400 E 12TH ST	WNW 1/8 - 1/4 (0.231 mi.)	K37	163
Record Id: RO0000935				
Status: Case Closed				
TAXI TAXI INC	2345 INTERNATIONAL B	WNW 1/4 - 1/2 (0.258 mi.)	K45	179
Record Id: RO0000327				
Status: Preliminary Site Assessment Underway				
Status: Pollution Characterization				
Status: Remedial Action Underway				
EANDI METAL WORKS IN	2440 E 11TH ST	WSW 1/4 - 1/2 (0.262 mi.)	N46	185
Record Id: RO0000029				
Status: Pollution Characterization				
Status: Case Closed				
23RD AVENUE PARTNERS	1125 MILLER AVE	W 1/4 - 1/2 (0.285 mi.)	N48	189
Record Id: RO0000294				
Status: Pollution Characterization				
Status: Case Closed				
MEL SENNA BRAKE SERV	2301 E 12TH STREET	WNW 1/4 - 1/2 (0.315 mi.)	O52	198
Record Id: RO0000387				
Status: Remediation Plan				
ARCO #0402 / PARKING	1450 FRUITVALE AVE	ESE 1/4 - 1/2 (0.333 mi.)	53	205
Record Id: RO0000307				
Status: Leak Confirmation				
Status: Preliminary Site Assessment Underway				
Status: Pollution Characterization				
Status: Verificaiton Monitoring Underway				
OIL CHANGER #616	3132 E 12TH ST	SE 1/4 - 1/2 (0.343 mi.)	P55	216
Record Id: RO0001193				
Status: Case Closed				
SHELL SERVICE STATIO	820 PORTWOOD	SSW 1/4 - 1/2 (0.365 mi.)	60	221
Record Id: RO0003083				
Status: Leak Confirmation				
Status: Case Closed				
DTR TRUCK RENTALS	2250 E 12TH	WNW 1/4 - 1/2 (0.379 mi.)	R61	227
Record Id: RO0000976				
Status: Case Closed				
CALIFORNIA COTTON MI	1091 CALCOT PL	W 1/4 - 1/2 (0.385 mi.)	S64	236
Record Id: RO0003162				
Status: Leak Confirmation				

EXECUTIVE SUMMARY

Status: Preliminary Site Assessment Underway				
HOLT VISUAL COMMUNIC	802 KENNEDY ST	SW 1/4 - 1/2 (0.407 mi.)	T66	239
Record Id: RO0001106				
Status: Case Closed				
EARTHGRAINS CO	955 KENNEDY ST	WSW 1/4 - 1/2 (0.410 mi.)	U69	248
Record Id: RO0000758				
Record Id: RO0002569				
Status: Leak Confirmation				
Status: Preliminary Site Assessment Workplan Submitted				
Status: Preliminary Site Assessment Underway				
Status: Pollution Characterization				
Status: Case Closed				
HANS AND GUNTER ROOF	2834 E 7TH ST.	SSW 1/4 - 1/2 (0.422 mi.)	V70	253
Record Id: RO0002608				
Status: Leak Confirmation				
Status: Pollution Characterization				
EXXONMOBIL C/O ENVIR	2200 E 12TH STREET	WNW 1/4 - 1/2 (0.427 mi.)	R75	267
Record Id: RO0000390				
Status: Remedial Action Underway				
Status: Case Closed				
EXXON #7-7516 / CONT	2200 INTERNATIONAL	NW 1/4 - 1/2 (0.428 mi.)	W78	301
Record Id: RO0001104				
Status: Case Closed				
SARONI TFI	727 KENNEDY ST	SW 1/4 - 1/2 (0.436 mi.)	T79	303
Record Id: RO0000631				
Status: Case Closed				
EBMUD	UNK 7TH ST & 29TH AV	SSW 1/4 - 1/2 (0.440 mi.)	V80	306
Record Id: RO0003039				
Status: Leak Confirmation				
FIDELITY PACKAGING C	646 KENNEDY ST	SW 1/4 - 1/2 (0.446 mi.)	83	309
Record Id: RO0000984				
Status: Case Closed				
SOUTHERN PACIFIC TRA	0 E 12TH ST & 22ND A	WNW 1/4 - 1/2 (0.449 mi.)	X84	314
Record Id: RO0000896				
Status: Case Closed				
FILLMORE MARKS PROPE	534 23RD	SSW 1/4 - 1/2 (0.454 mi.)	Y86	314
Record Id: RO0000798				
Status: Case Closed				
DEL MONTE PLANT 37/2	3100 E 9TH ST	SSE 1/4 - 1/2 (0.455 mi.)	Z87	316
Record Id: RO0000472				
Record Id: RO0002898				
Status: Verificaiton Monitoring Underway				
LEMOINE COLD STORAGE	630 29TH	SSW 1/4 - 1/2 (0.459 mi.)	AA90	324
Record Id: RO0000334				
Status: Pollution Characterization				
STATE SHINGLE COMPAN	880 FRUITVALE AVE	SSE 1/4 - 1/2 (0.462 mi.)	92	335
Record Id: RO0001109				
Status: Case Closed				
EXCHANGE LINEN SERVI	527 23RD AVE	SW 1/4 - 1/2 (0.468 mi.)	Y94	342
Record Id: RO0000952				

EXECUTIVE SUMMARY

Status: Case Closed				
CHEVRON #20-1919	2142 E 12TH ST	WNW 1/4 - 1/2 (0.473 mi.)	X95	349
Record Id: RO0001009				
Status: Case Closed				
FRUITVALE BART	0 FRUITVALE AVE & 37	SE 1/4 - 1/2 (0.484 mi.)	99	360
Record Id: RO0002490				
Status: Pollution Characterization				
WEST COAST VENDING I	2124 LIVINGSTON ST	W 1/4 - 1/2 (0.487 mi.)	AD100	361
Record Id: RO0000088				
Status: Pollution Characterization				
CHILDREN'S HOSPITAL	1050 22ND AVE	WNW 1/4 - 1/2 (0.493 mi.)	104	378
Record Id: RO0000730				
Status: Case Closed				

State and tribal voluntary cleanup sites

CA VCP: Contains low threat level properties with either confirmed or unconfirmed releases and the project proponents have request that DTSC oversee investigation and/or cleanup activities and have agreed to provide coverage for DTSC's costs.

A review of the CA VCP list, as provided by EDR, and dated 04/29/2019 has revealed that there are 2 CA VCP sites within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PG&E - FORMER OAKLAN	1134 MILLER AVENUE	W 1/4 - 1/2 (0.266 mi.)	N47	187
Status: Certified				
Facility Id: 1490018				
ESPOSITO PLATING & P	2904 CHAPMAN ST.	S 1/4 - 1/2 (0.491 mi.)	AA103	366
Status: Active				
Facility Id: 1340004				

State and tribal Brownfields sites

CA BROWNFIELDS: A listing of sites the SWRCB considers to be Brownfields since these are sites have come to them through the MOA Process.

A review of the CA BROWNFIELDS list, as provided by EDR, and dated 03/25/2019 has revealed that there is 1 CA BROWNFIELDS site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAFE STORAGE USA	2783 EAST 12TH STREE	S 1/8 - 1/4 (0.156 mi.)	F21	54

EXECUTIVE SUMMARY

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: The EPA's listing of Brownfields properties from the Cleanups in My Community program, which provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

A review of the US BROWNFIELDS list, as provided by EDR, and dated 12/17/2018 has revealed that there are 5 US BROWNFIELDS sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
3050 INTERNATIONAL B ACRES property ID: 142501	3050 INTERNATIONAL B	SE 1/4 - 1/2 (0.250 mi.)	M43	170

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
URBAN PROMISE ACADEM ACRES property ID: 11352	2200-2288 EAST 12TH	WNW 1/4 - 1/2 (0.427 mi.)	R73	264
URBAN PROMISE ACADEM ACRES property ID: 11344 ACRES property ID: 11348 ACRES property ID: 11349 ACRES property ID: 11340 ACRES property ID: 11347 <i>*Additional key fields are available in the Map Findings section</i>	2200-2288 EAST 12TH	WNW 1/4 - 1/2 (0.427 mi.)	R76	273
3229 SAN LEANDRO STR ACRES property ID: 123050	3229 SAN LEANDRO STR	SSE 1/4 - 1/2 (0.459 mi.)	AB91	327
3301 SAN LEANDRO BOU ACRES property ID: 123227	3301 SAN LEANDRO BOU	SSE 1/4 - 1/2 (0.478 mi.)	AB97	351

Local Lists of Hazardous waste / Contaminated Sites

CA HIST Cal-Sites: Formerly known as ASPIS, this database contains both known and potential hazardous substance sites. The source is the California Department of Toxic Substance Control. No longer updated by the state agency. It has been replaced by ENVIROSTOR.

A review of the CA HIST Cal-Sites list, as provided by EDR, and dated 08/08/2005 has revealed that there are 3 CA HIST Cal-Sites sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PORT OF OAKLAND - EM	DENNISON AND EMBARCA	W 1/2 - 1 (0.625 mi.)	107	390
5 A RENT A SPACE	2201 CLEMENT AVE	SW 1/2 - 1 (0.864 mi.)	118	451
CLOROX CO OAKLAND PL	850 42ND AVE	SE 1/2 - 1 (0.965 mi.)	AF123	476

EXECUTIVE SUMMARY

CA SCH: This category contains proposed and existing school sites that are being evaluated by DTSC for possible hazardous materials contamination. In some cases, these properties may be listed in the CalSites category. depending on the level of threat to public health and safety or the environment they pose.

A review of the CA SCH list, as provided by EDR, and dated 04/29/2019 has revealed that there are 2 CA SCH sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ASPIRE ERES ACADEMY Facility Id: 60002285 Status: Active	2956 INTERNATIONAL B	ESE 1/8 - 1/4 (0.188 mi.)	E24	58

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OAKLAND USD Facility Id: 1230003 Status: Certified	2825 INTERNATIONAL B	S 0 - 1/8 (0.069 mi.)	B7	21

CA CERS HAZ WASTE: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Hazardous Chemical Management, Hazardous Waste Onsite Treatment, Household Hazardous Waste Collection, Hazardous Waste Generator, and RCRA LQ HW Generator programs.

A review of the CA CERS HAZ WASTE list, as provided by EDR, and dated 04/09/2019 has revealed that there are 4 CA CERS HAZ WASTE sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DIAMONDDIESEL	2550 E 12TH ST	W 0 - 1/8 (0.119 mi.)	D16	35
DOLLAR TREE #01259	2445 INTERNATIONAL B	WNW 1/8 - 1/4 (0.189 mi.)	G28	73
DREISBACH ENTERPRISE	2530 EAST 11TH STREE	WSW 1/8 - 1/4 (0.210 mi.)	J35	98
STEVE'S AUTO	2400 E 12TH ST	WNW 1/8 - 1/4 (0.231 mi.)	K37	163

Local Lists of Registered Storage Tanks

CA SWEEPS UST: Statewide Environmental Evaluation and Planning System. This underground storage tank listing was updated and maintained by a company contacted by the SWRCB in the early 1990's. The listing is no longer updated or maintained. The local agency is the contact for more information on a site on the SWEEPS list.

A review of the CA SWEEPS UST list, as provided by EDR, and dated 06/01/1994 has revealed that there are 4 CA SWEEPS UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
OAKLAND HOSPITAL Comp Number: 4699	2648 E 14TH ST	WNW 0 - 1/8 (0.044 mi.)	A4	15
CALTRANS DIST. 04 MA Status: A Tank Status: A Comp Number: 68013	29 TH AVENUE	S 1/8 - 1/4 (0.192 mi.)	I30	83
FLEMING COMPANIES Comp Number: 15863	2530 E 011TH ST	WSW 1/8 - 1/4 (0.210 mi.)	J36	162
STANDARD BRANDS PAIN	2445 E 014TH ST	WNW 1/8 - 1/4 (0.234 mi.)	K40	167

EXECUTIVE SUMMARY

Comp Number: 3327

CA HIST UST: Historical UST Registered Database.

A review of the CA HIST UST list, as provided by EDR, and dated 10/15/1990 has revealed that there are 3 CA HIST UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SOUTH OAKLAND Facility Id: 00000068013	1112 29TH AVE	S 1/8 - 1/4 (0.192 mi.)	I31	90
STANDARD BRANDS PAIN Facility Id: 00000003327	2445 E 14TH STREET	WNW 1/8 - 1/4 (0.198 mi.)	G33	92
DREISBACH ENTERPRISE Facility Id: 00000015863	2530 EAST 11TH STREE	WSW 1/8 - 1/4 (0.210 mi.)	J35	98

CA FID UST: The Facility Inventory Database contains active and inactive underground storage tank locations. The source is the State Water Resource Control Board.

A review of the CA FID UST list, as provided by EDR, and dated 10/31/1994 has revealed that there are 3 CA FID UST sites within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
FLEMING COMPANIES Facility Id: 01002132 Status: I	2530 E 011TH ST	WSW 1/8 - 1/4 (0.210 mi.)	J36	162
SOUTH OAKLAND Facility Id: 01002831 Status: A	1112 029TH AVE	S 1/8 - 1/4 (0.231 mi.)	L38	166
STANDARD BRANDS PAIN Facility Id: 01002085 Status: I	2445 E 014TH ST	WNW 1/8 - 1/4 (0.234 mi.)	K40	167

CA CERS TANKS: List of sites in the California Environmental Protection Agency (CalEPA) Regulated Site Portal which fall under the Aboveground Petroleum Storage and Underground Storage Tank regulatory programs.

A review of the CA CERS TANKS list, as provided by EDR, and dated 04/09/2019 has revealed that there is 1 CA CERS TANKS site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
DREISBACH ENTERPRISE	2530 EAST 11TH STREE	WSW 1/8 - 1/4 (0.210 mi.)	J35	98

EXECUTIVE SUMMARY

Other Ascertainable Records

RCRA NonGen / NLR: RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

A review of the RCRA NonGen / NLR list, as provided by EDR, and dated 03/25/2019 has revealed that there are 8 RCRA NonGen / NLR sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LISA JOHNSTON EPA ID:: CAC002997465	1426 29TH AVENUE	ESE 1/8 - 1/4 (0.140 mi.)	E17	48
MIKE HEENEY EPA ID:: CAC002999737	1510 29TH AVE	ESE 1/8 - 1/4 (0.144 mi.)	18	49
NATIVE AMERICAN HEAL EPA ID:: CAL000415361	2950 INTERNATIONAL B	SE 1/8 - 1/4 (0.167 mi.)	E22	55

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
BRIAN BAARTARKHUU EPA ID:: CAC002990243	2648 INTERNATIONAL B	WNW 0 - 1/8 (0.023 mi.)	A2	9
DR. LULA TSEGAY FAMI EPA ID:: CAL000100957	2647 E 14TH ST STE 1	W 0 - 1/8 (0.048 mi.)	A5	17
OAKLAND HOUSING AUTH EPA ID:: CAC002986253	1180 25TH AVE	W 1/8 - 1/4 (0.188 mi.)	H26	66
DOLLAR TREE #01259 EPA ID:: CAL000381235	2445 INTERNATIONAL B	WNW 1/8 - 1/4 (0.189 mi.)	G29	82
DREISBACH ENTERPRISE EPA ID:: CAL000324689	2530 E 11TH ST	WSW 1/8 - 1/4 (0.243 mi.)	J41	168

CA BOND EXP. PLAN: Department of Health Services developed a site-specific expenditure plan as the basis for an appropriation of Hazardous Substance Cleanup Bond Act funds. It is not updated.

A review of the CA BOND EXP. PLAN list, as provided by EDR, and dated 01/01/1989 has revealed that there are 3 CA BOND EXP. PLAN sites within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
PORT OF OAKLAND - EM	DENISON AND EMBARCA	W 1/2 - 1 (0.625 mi.)	107	390
THE CLOROX COMPANY	850 42ND AVENUE	SE 1/2 - 1 (0.965 mi.)	AF124	486
EKOTEK LUBE	4200 ALAMEDA AVENUE	SSE 1/2 - 1 (0.976 mi.)	AH127	493

CA Cortese: The sites for the list are designated by the State Water Resource Control Board (LUST), the Integrated Waste Board (SWF/LS), and the Department of Toxic Substances Control (Cal-Sites).

A review of the CA Cortese list, as provided by EDR, and dated 03/25/2019 has revealed that there are 4 CA Cortese sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MEL SENNA BRAKE SERV Cleanup Status: OPEN - ASSESSMENT & INTERIM REMEDIAL ACTION	2301 E 12TH STREET	WNW 1/4 - 1/2 (0.315 mi.)	O52	198
CALIFORNIA COTTON MI Cleanup Status: OPEN - ELIGIBLE FOR CLOSURE	1091 CALCOT PLACE	W 1/4 - 1/2 (0.385 mi.)	S63	231
HANS AND GUNTER ROOF Cleanup Status: OPEN - SITE ASSESSMENT	2834 E 7TH ST.	SSW 1/4 - 1/2 (0.422 mi.)	V70	253
WEST COAST VENDING I Cleanup Status: OPEN - SITE ASSESSMENT	2124 LIVINGSTON ST	W 1/4 - 1/2 (0.487 mi.)	AD100	361

CA HIST CORTESE: The sites for the list are designated by the State Water Resource Control Board [LUST], the Integrated Waste Board [SWF/LS], and the Department of Toxic Substances Control [CALSTITES]. This listing is no longer updated by the state agency.

A review of the CA HIST CORTESE list, as provided by EDR, and dated 04/01/2001 has revealed that there are 26 CA HIST CORTESE sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MELROSE FORD Reg Id: 01-0959	3050 E 14TH ST	SE 1/4 - 1/2 (0.250 mi.)	M44	173
STOP N GO MARKET (07) Reg Id: 01-1430	2710 FOOTHILL BLVD	NE 1/4 - 1/2 (0.313 mi.)	49	194
DISCOUNT AUTO Reg Id: 01-0496	1951 23RD	N 1/4 - 1/2 (0.442 mi.)	81	306
SHELL / FIDEL CASILL Reg Id: 01-2427	2001 FRUITVALE	ENE 1/4 - 1/2 (0.466 mi.)	AC93	339

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ST JOSEPH'S PROFESSI Reg Id: 01-2192	2647 INTERNATIONAL B	W 0 - 1/8 (0.035 mi.)	A3	11
TRI CITY CLEANERS Reg Id: 01-1062	2560 INTERNATIONAL B	NW 0 - 1/8 (0.089 mi.)	C9	25
DELAWARE DEVELOPMENT Reg Id: 01-0483	2530 INTERNATIONAL B	NW 0 - 1/8 (0.109 mi.)	C12	28
STANDARD BRANDS PAIN Reg Id: 01-1421	2442 14TH ST E	WNW 1/8 - 1/4 (0.186 mi.)	G23	56
GOODWILL INDUSTRIES Reg Id: 01-2133	1301 30TH	SSE 1/8 - 1/4 (0.188 mi.)	25	64
CALTRANS DIST. 04 MA Reg Id: 01-1763	29 TH AVENUE	S 1/8 - 1/4 (0.192 mi.)	I30	83
OIL CHANGER #616 Reg Id: 01-1132	3132 12TH	SE 1/4 - 1/2 (0.343 mi.)	P54	214
HOLT VISUAL COMMUNIC Reg Id: 01-0775	802 KENNEDY	SW 1/4 - 1/2 (0.407 mi.)	T65	237
KILPATRICK'S BAKERY Reg Id: 01-0863	955 KENNEDY	WSW 1/4 - 1/2 (0.410 mi.)	U68	246
EXXON #7-0238	2200 EAST 12TH ST.	WNW 1/4 - 1/2 (0.427 mi.)	R71	258

EXECUTIVE SUMMARY

Reg Id: 01-1455				
EXXON #7-7516 / CONT	2200 INTERNATIONAL	NW 1/4 - 1/2 (0.428 mi.)	W78	301
Reg Id: 01-1098				
SARONI TFI	727 KENNEDY ST	SW 1/4 - 1/2 (0.436 mi.)	T79	303
Reg Id: 01-2132				
FIDELITY PACKAGING C	646 KENNEDY ST	SW 1/4 - 1/2 (0.446 mi.)	83	309
Reg Id: 01-0621				
EBMUD	UNKNOWN 7TH ST & 29T	SSW 1/4 - 1/2 (0.452 mi.)	V85	314
Reg Id: 01-0541				
FILLMORE MARKS PROPE	534 23RD	SSW 1/4 - 1/2 (0.454 mi.)	Y86	314
Reg Id: 01-1823				
SAV ON DRUG 3714	3100 E NINETH ST	SSE 1/4 - 1/2 (0.455 mi.)	Z88	318
Reg Id: 01-0482				
LEMOINE COLD STORAGE	630 29TH	SSW 1/4 - 1/2 (0.459 mi.)	AA90	324
Reg Id: 01-2298				
STATE SHINGLE COMPAN	880 FRUITVALE AVE	SSE 1/4 - 1/2 (0.462 mi.)	92	335
Reg Id: 01-1423				
EXCHANGE LINEN SERVI	527 23RD AVE	SW 1/4 - 1/2 (0.468 mi.)	Y94	342
Reg Id: 2419				
Reg Id: 01-1078				
WEST COAST VENDING I	2124 LIVINGSTON ST	W 1/4 - 1/2 (0.487 mi.)	AD100	361
Reg Id: 01-2347				
ESPOSITO PLATING COP	29042908 CHAPMAN STR	S 1/4 - 1/2 (0.490 mi.)	102	366
Reg Id: 01340004				
CHILDREN'S HOSPITAL	1050 22ND AVE	WNW 1/4 - 1/2 (0.493 mi.)	104	378
Reg Id: 01-1841				

CA HWP: Detailed information on permitted hazardous waste facilities and corrective action ("cleanups") tracked in EnviroStor.

A review of the CA HWP list, as provided by EDR, and dated 02/19/2019 has revealed that there is 1 CA HWP site within approximately 1 mile of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
AMERICAN NATIONAL CA	3801 E 8TH ST	SE 1/2 - 1 (0.759 mi.)	113	422
EPA Id: CAD009162116				
Cleanup Status: CLOSED				

MN MANIFEST: Hazardous waste manifest data.

A review of the MN MANIFEST list, as provided by EDR, and dated 06/30/2016 has revealed that there is 1 MN MANIFEST site within approximately 0.25 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SAFE STORAGE	2615 E 12TH ST	S 1/8 - 1/4 (0.146 mi.)	F19	50

EXECUTIVE SUMMARY

CA Notify 65: Listings of all Proposition 65 incidents reported to counties by the State Water Resources Control Board and the Regional Water Quality Control Board. This database is no longer updated by the reporting agency.

A review of the CA Notify 65 list, as provided by EDR, and dated 03/18/2019 has revealed that there are 8 CA Notify 65 sites within approximately 1 mile of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
LALO'S AUTOBODY REPA PACIFIC BELL	2801 FOOTHILL BLVD 2112 FRUITVALE AVENU	NE 1/4 - 1/2 (0.363 mi.) ENE 1/2 - 1 (0.517 mi.)	59 AC105	221 380

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
SENNA AUTOMOTIVE	2301 EAST 12TH STREE	WNW 1/4 - 1/2 (0.315 mi.)	O50	197
SERVICE STATION	2200 EAST 12TH STREE	WNW 1/4 - 1/2 (0.427 mi.)	R74	267
Not reported	2200 EAST 14TH ST	NW 1/4 - 1/2 (0.443 mi.)	W82	308
KNOWN	1755 EMBARCADECO EAS	WNW 1/2 - 1 (0.684 mi.)	111	409
UNKNOWN	2235 CLEMENT AVENUE	SW 1/2 - 1 (0.843 mi.)	AE115	432
DAVLIN PAINT	1401 14TH	NW 1/2 - 1 (0.985 mi.)	128	494

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR Hist Auto: EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Auto list, as provided by EDR, has revealed that there are 3 EDR Hist Auto sites within approximately 0.125 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HERMES H C	2778 E 12TH ST	SSW 0 - 1/8 (0.102 mi.)	11	28
KAMUR INDUSTRIES INC	2530 EAST 14TH ST	WNW 0 - 1/8 (0.112 mi.)	C13	30
HYSOM G W	2550 E 12TH ST	W 0 - 1/8 (0.119 mi.)	D15	34

EDR Hist Cleaner: EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

A review of the EDR Hist Cleaner list, as provided by EDR, has revealed that there are 2 EDR Hist

EXECUTIVE SUMMARY

Cleaner sites within approximately 0.125 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
HERLING ELEANOR	1404 28TH AVE	SE 0 - 1/8 (0.072 mi.)	B8	25

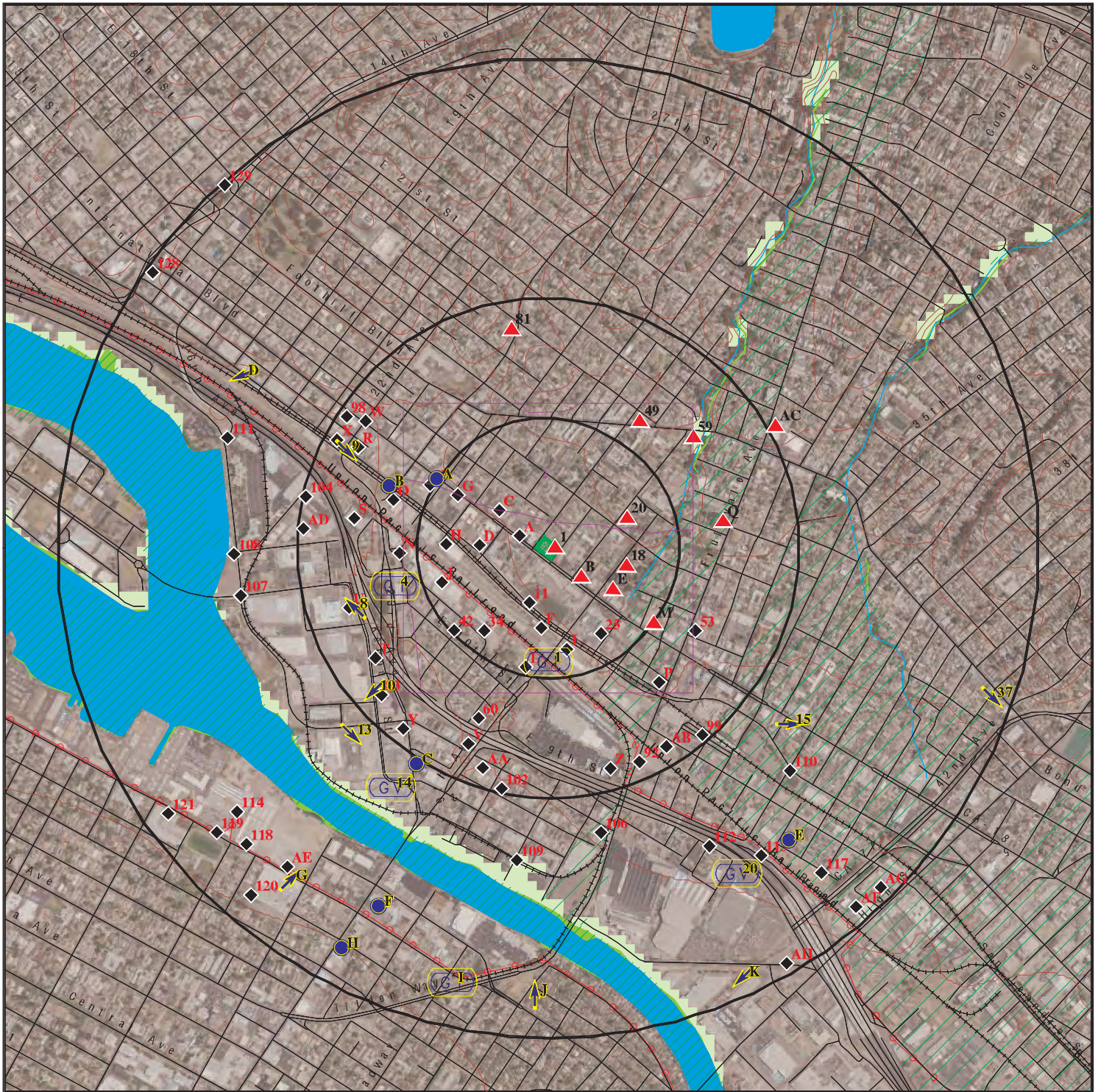
<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TRI CITY CLEANERS	2560 E 14TH ST	WNW 0 - 1/8 (0.098 mi.)	C10	27

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 7 records.

<u>Site Name</u>	<u>Database(s)</u>
29TH AVENUE	CA Alameda County CS
54 EMBARCADERO	SEMS-ARCHIVE
SYMMETRY AT ALAMEDA LANDING	CA ENVIROSTOR, CA VCP
CADENCE AND LINEAR AT ALAMEDA LAND	CA ENVIROSTOR, CA VCP
UPTOWN THEATER DISTRICT	CA CPS-SLIC
OAKLAND REDEVELOPMENT AGENCY	CA CPS-SLIC
CITY OF ALAMEDA LANDFILL	ODI

OVERVIEW MAP - 5720116.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

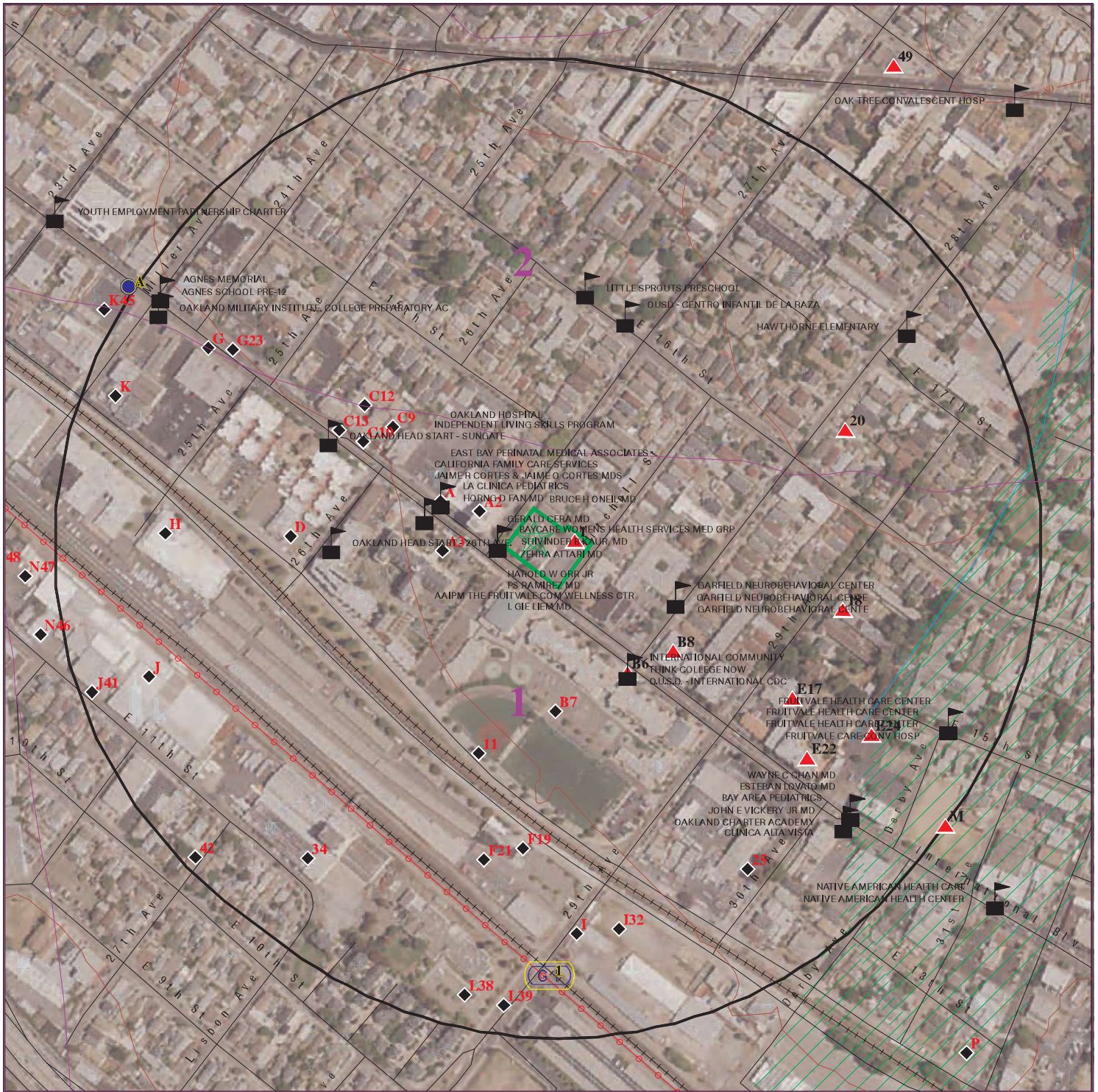


This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 2700-2720 International
 ADDRESS: 2700 International Blvd
 Oakland CA 94601
 LAT/LONG: 37.780847 / 122.231024

CLIENT: Ninyo & Moore
 CONTACT: Randy Wheeler
 INQUIRY #: 5720116.2s
 DATE: July 17, 2019 8:07 pm

DETAIL MAP - 5720116.2S



Target Property

Sites at elevations higher than or equal to the target property

Sites at elevations lower than the target property

Manufactured Gas Plants

Sensitive Receptors

National Priority List Sites

Dept. Defense Sites

Indian Reservations BIA

Power transmission lines

100-year flood zone

500-year flood zone

National Wetland Inventory

State Wetlands

Areas of Concern

This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 2700-2720 International
 ADDRESS: 2700 International Blvd
 Oakland CA 94601
 LAT/LONG: 37.780847 / 122.231024

CLIENT: Ninyo & Moore
 CONTACT: Randy Wheeler
 INQUIRY #: 5720116.2s
 DATE: July 17, 2019 8:09 pm

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
<u>STANDARD ENVIRONMENTAL RECORDS</u>								
<i>Federal NPL site list</i>								
NPL	1.000		0	0	0	0	NR	0
Proposed NPL	1.000		0	0	0	0	NR	0
NPL LIENS	1.000		0	0	0	0	NR	0
<i>Federal Delisted NPL site list</i>								
Delisted NPL	1.000		0	0	0	0	NR	0
<i>Federal CERCLIS list</i>								
FEDERAL FACILITY	0.500		0	0	0	NR	NR	0
SEMS	0.500		0	0	0	NR	NR	0
<i>Federal CERCLIS NFRAP site list</i>								
SEMS-ARCHIVE	0.500		0	1	1	NR	NR	2
<i>Federal RCRA CORRACTS facilities list</i>								
CORRACTS	1.000		0	0	0	1	NR	1
<i>Federal RCRA non-CORRACTS TSD facilities list</i>								
RCRA-TSDF	0.500		0	0	0	NR	NR	0
<i>Federal RCRA generators list</i>								
RCRA-LQG	0.250		0	1	NR	NR	NR	1
RCRA-SQG	0.250		4	3	NR	NR	NR	7
RCRA-CESQG	0.250		0	0	NR	NR	NR	0
<i>Federal institutional controls / engineering controls registries</i>								
LUCIS	0.500		0	0	0	NR	NR	0
US ENG CONTROLS	0.500		0	0	0	NR	NR	0
US INST CONTROL	0.500		0	0	0	NR	NR	0
<i>Federal ERNS list</i>								
ERNS	TP		NR	NR	NR	NR	NR	0
<i>State- and tribal - equivalent NPL</i>								
CA RESPONSE	1.000		0	0	0	4	NR	4
<i>State- and tribal - equivalent CERCLIS</i>								
CA ENVIROSTOR	1.000		1	1	4	17	NR	23
<i>State and tribal landfill and/or solid waste disposal site lists</i>								
CA SWF/LF	0.500		0	0	0	NR	NR	0
<i>State and tribal leaking storage tank lists</i>								
CA LUST	0.500		3	3	33	NR	NR	39

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
INDIAN LUST	0.500		0	0	0	NR	NR	0
CA CPS-SLIC	0.500		0	5	2	NR	NR	7
CA Alameda County CS	0.500		3	4	32	NR	NR	39
State and tribal registered storage tank lists								
FEMA UST	0.250		0	0	NR	NR	NR	0
CA UST	0.250		0	0	NR	NR	NR	0
CA AST	0.250		0	0	NR	NR	NR	0
INDIAN UST	0.250		0	0	NR	NR	NR	0
State and tribal voluntary cleanup sites								
CA VCP	0.500		0	0	2	NR	NR	2
INDIAN VCP	0.500		0	0	0	NR	NR	0
State and tribal Brownfields sites								
CA BROWNFIELDS	0.500		0	1	0	NR	NR	1
ADDITIONAL ENVIRONMENTAL RECORDS								
Local Brownfield lists								
US BROWNFIELDS	0.500		0	0	5	NR	NR	5
Local Lists of Landfill / Solid Waste Disposal Sites								
CA WMUDS/SWAT	0.500		0	0	0	NR	NR	0
CA SWRCY	0.500		0	0	0	NR	NR	0
CA HAULERS	TP		NR	NR	NR	NR	NR	0
INDIAN ODI	0.500		0	0	0	NR	NR	0
DEBRIS REGION 9	0.500		0	0	0	NR	NR	0
ODI	0.500		0	0	0	NR	NR	0
IHS OPEN DUMPS	0.500		0	0	0	NR	NR	0
Local Lists of Hazardous waste / Contaminated Sites								
US HIST CDL	TP		NR	NR	NR	NR	NR	0
CA HIST Cal-Sites	1.000		0	0	0	3	NR	3
CA SCH	0.250		1	1	NR	NR	NR	2
CA CDL	TP		NR	NR	NR	NR	NR	0
CA Toxic Pits	1.000		0	0	0	0	NR	0
CA CERS HAZ WASTE	0.250		1	3	NR	NR	NR	4
US CDL	TP		NR	NR	NR	NR	NR	0
CA PFAS	0.500		0	0	0	NR	NR	0
Local Lists of Registered Storage Tanks								
CA SWEEPS UST	0.250		1	3	NR	NR	NR	4
CA HIST UST	0.250		0	3	NR	NR	NR	3
CA FID UST	0.250		0	3	NR	NR	NR	3
CA CERS TANKS	0.250		0	1	NR	NR	NR	1
Local Land Records								
CA LIENS	TP		NR	NR	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
LIENS 2	TP		NR	NR	NR	NR	NR	0
CA DEED	0.500		0	0	0	NR	NR	0
Records of Emergency Release Reports								
HMIRS	TP		NR	NR	NR	NR	NR	0
CA CHMIRS	TP		NR	NR	NR	NR	NR	0
CA LDS	TP		NR	NR	NR	NR	NR	0
CA MCS	TP		NR	NR	NR	NR	NR	0
CA SPILLS 90	TP		NR	NR	NR	NR	NR	0
Other Ascertainable Records								
RCRA NonGen / NLR	0.250		2	6	NR	NR	NR	8
FUDS	1.000		0	0	0	0	NR	0
DOD	1.000		0	0	0	0	NR	0
SCRD DRYCLEANERS	0.500		0	0	0	NR	NR	0
US FIN ASSUR	TP		NR	NR	NR	NR	NR	0
EPA WATCH LIST	TP		NR	NR	NR	NR	NR	0
2020 COR ACTION	0.250		0	0	NR	NR	NR	0
TSCA	TP		NR	NR	NR	NR	NR	0
TRIS	TP		NR	NR	NR	NR	NR	0
SSTS	TP		NR	NR	NR	NR	NR	0
ROD	1.000		0	0	0	0	NR	0
RMP	TP		NR	NR	NR	NR	NR	0
RAATS	TP		NR	NR	NR	NR	NR	0
PRP	TP		NR	NR	NR	NR	NR	0
PADS	TP		NR	NR	NR	NR	NR	0
ICIS	TP		NR	NR	NR	NR	NR	0
FTTS	TP		NR	NR	NR	NR	NR	0
MLTS	TP		NR	NR	NR	NR	NR	0
COAL ASH DOE	TP		NR	NR	NR	NR	NR	0
COAL ASH EPA	0.500		0	0	0	NR	NR	0
PCB TRANSFORMER	TP		NR	NR	NR	NR	NR	0
RADINFO	TP		NR	NR	NR	NR	NR	0
HIST FTTS	TP		NR	NR	NR	NR	NR	0
DOT OPS	TP		NR	NR	NR	NR	NR	0
CONSENT	1.000		0	0	0	0	NR	0
INDIAN RESERV	1.000		0	0	0	0	NR	0
FUSRAP	1.000		0	0	0	0	NR	0
UMTRA	0.500		0	0	0	NR	NR	0
LEAD SMELTERS	TP		NR	NR	NR	NR	NR	0
US AIRS	TP		NR	NR	NR	NR	NR	0
US MINES	0.250		0	0	NR	NR	NR	0
ABANDONED MINES	0.250		0	0	NR	NR	NR	0
FINDS	TP		NR	NR	NR	NR	NR	0
UXO	1.000		0	0	0	0	NR	0
DOCKET HWC	TP		NR	NR	NR	NR	NR	0
ECHO	TP		NR	NR	NR	NR	NR	0
FUELS PROGRAM	0.250		0	0	NR	NR	NR	0
CA BOND EXP. PLAN	1.000		0	0	0	3	NR	3
CA Cortese	0.500		0	0	4	NR	NR	4
CA CUPA Listings	0.250		0	0	NR	NR	NR	0

MAP FINDINGS SUMMARY

Database	Search Distance (Miles)	Target Property	< 1/8	1/8 - 1/4	1/4 - 1/2	1/2 - 1	> 1	Total Plotted
CA DRYCLEANERS	0.250		0	0	NR	NR	NR	0
CA EMI	TP		NR	NR	NR	NR	NR	0
CA ENF	TP		NR	NR	NR	NR	NR	0
CA Financial Assurance	TP		NR	NR	NR	NR	NR	0
CA HAZNET	TP		NR	NR	NR	NR	NR	0
CA ICE	TP		NR	NR	NR	NR	NR	0
CA HIST CORTESE	0.500		3	3	20	NR	NR	26
CA HWP	1.000		0	0	0	1	NR	1
CA HWT	0.250		0	0	NR	NR	NR	0
MN MANIFEST	0.250		0	1	NR	NR	NR	1
CA MINES	0.250		0	0	NR	NR	NR	0
CA MWMP	0.250		0	0	NR	NR	NR	0
CA NPDES	TP		NR	NR	NR	NR	NR	0
CA PEST LIC	TP		NR	NR	NR	NR	NR	0
CA PROC	0.500		0	0	0	NR	NR	0
CA Notify 65	1.000		0	0	4	4	NR	8
CA UIC	TP		NR	NR	NR	NR	NR	0
CA UIC GEO	TP		NR	NR	NR	NR	NR	0
CA WASTEWATER PITS	0.500		0	0	0	NR	NR	0
CA WDS	TP		NR	NR	NR	NR	NR	0
CA WIP	0.250		0	0	NR	NR	NR	0
CA MILITARY PRIV SITES	TP		NR	NR	NR	NR	NR	0
CA PROJECT	TP		NR	NR	NR	NR	NR	0
CA WDR	TP		NR	NR	NR	NR	NR	0
CA CIWQS	TP		NR	NR	NR	NR	NR	0
CA CERS	TP		NR	NR	NR	NR	NR	0
CA NON-CASE INFO	TP		NR	NR	NR	NR	NR	0
CA OTHER OIL GAS	TP		NR	NR	NR	NR	NR	0
CA PROD WATER PONDS	TP		NR	NR	NR	NR	NR	0
CA SAMPLING POINT	TP		NR	NR	NR	NR	NR	0
CA WELL STIM PROJ	TP		NR	NR	NR	NR	NR	0

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP	1.000		0	0	0	0	NR	0
EDR Hist Auto	0.125		3	NR	NR	NR	NR	3
EDR Hist Cleaner	0.125		2	NR	NR	NR	NR	2

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

CA RGA LF	TP		NR	NR	NR	NR	NR	0
CA RGA LUST	TP		NR	NR	NR	NR	NR	0

- Totals -- 0 24 43 107 33 0 207

NOTES:

TP = Target Property

NR = Not Requested at this Search Distance

Sites may be listed in more than one database

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

1
< 1/8
1 ft.

PACIFIC BELL
1415 MITCHELL STREET
OAKLAND, CA 94601

RCRA-SQG 1000251063
FINDS CAT080018948
ECHO

Relative:
Higher
Actual:
48 ft.

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: PACIFIC BELL
Facility address: 1415 MITCHELL STREET
OAKLAND, CA 94601
EPA ID: CAT080018948
Mailing address: 220 MONTGOMERY STREET RM 1051
SAN FRANCISCO, CA 94104
Contact: Not reported
Contact address: Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: THE PACIFIC TEL & TEL COMPANY
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

PACIFIC BELL (Continued)

1000251063

Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 01/16/1981
Site name: PACIFIC BELL
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Registry ID: 110002948348

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000251063
Registry ID: 110002948348
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002948348>

A2
WNW
< 1/8
0.023 mi.
122 ft.

BRIAN BAARTARKHUU
2648 INTERNATIONAL BOULEVARD
OAKLAND, CA 94601
Site 1 of 4 in cluster A

RCRA NonGen / NLR **1024770338**
CAC002990243

Relative:
Lower
Actual:
44 ft.

RCRA NonGen / NLR:
Date form received by agency: 11/21/2018
Facility name: BRIAN BAARTARKHUU
Facility address: 2648 INTERNATIONAL BOULEVARD
OAKLAND, CA 94601
EPA ID: CAC002990243
Mailing address: 364 41ST STREET, 2ND LOOR
OAKLAND, CA 94609
Contact: BRIAN BAARTARKHUU
Contact address: 364 41ST STREET, 2ND LOOR

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BRIAN BAARTARKHUU (Continued)

1024770338

OAKLAND, CA 94609
Contact country: Not reported
Contact telephone: 415-601-2216
Contact email: ANGIE@MARFIELDCOMPANY.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: BRIAN BAARTARKHUU
Owner/operator address: 364 41ST STREET, 2ND LOOR
OAKLAND, CA 94609

Owner/operator country: Not reported
Owner/operator telephone: 415-601-2216
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: BRIAN BAARTARKHUU
Owner/operator address: 364 41ST STREET, 2ND LOOR
OAKLAND, CA 94609

Owner/operator country: Not reported
Owner/operator telephone: 415-601-2216
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

MAP FINDINGS

Map ID
 Direction
 Distance
 Elevation

Site

Database(s)

EDR ID Number
 EPA ID Number

A3
West
< 1/8
0.035 mi.
183 ft.

ST JOSEPH'S PROFESSIONAL CENTER
2647 INTERNATIONAL BLVD
OAKLAND, CA 94601
Site 2 of 4 in cluster A

CA LUST
CA Alameda County CS
CA HIST CORTESE
CA NPDES
CA CIWQS

S103890923
N/A

Relative:
Lower
Actual:
42 ft.

LUST:
 Name: ST JOSEPH'S PROFESSIONAL CENTER
 Address: 2647 INTERNATIONAL
 City,State,Zip: OAKLAND, CA 94601
 Lead Agency: ALAMEDA COUNTY LOP
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600102014
 Global Id: T0600102014
 Latitude: 37.7810353
 Longitude: -122.2319886
 Status: Completed - Case Closed
 Status Date: 05/08/1997
 Case Worker: Not reported
 RB Case Number: 01-2192
 Local Agency: Not reported
 File Location: All Files are on GeoTracker or in the Local Agency Database
 Local Case Number: RO0000687
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Diesel
 Site History: Not reported

LUST:
 Global Id: T0600102014
 Contact Type: Regional Board Caseworker
 Contact Name: Regional Water Board
 Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
 Address: 1515 CLAY ST SUITE 1400
 City: OAKLAND
 Email: Not reported
 Phone Number: Not reported

LUST:
 Global Id: T0600102014
 Action Type: Other
 Date: 10/30/1995
 Action: Leak Reported

Global Id: T0600102014
 Action Type: REMEDIATION
 Date: 09/09/9999
 Action: Not reported

LUST:
 Global Id: T0600102014
 Status: Completed - Case Closed
 Status Date: 05/08/1997

Global Id: T0600102014
 Status: Open - Case Begin Date
 Status Date: 10/30/1995

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH'S PROFESSIONAL CENTER (Continued)

S103890923

LUST REG 2:

Region: 2
Facility Id: 01-2192
Facility Status: Case Closed
Case Number: 5577
How Discovered: OM
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Name: ST JOSEPH'S PROFESSIONAL CENTER
Address: 2647 INTERNATIONAL BLVD
City,State,Zip: OAKLAND, CA 94601
Status: Case Closed
Record Id: RO0000687
PE: 5602
Facility Status: Case Closed
Latitude: 37.780980105
Longitude: -122.23216972

HIST CORTESE:

edr_fname: ST JOSEPH PROFESSIONAL CE
edr_fadd1: 2647 14TH
City,State,Zip: OAKLAND, CA 94601
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2192

NPDES:

Name: ST JOSEPHS SR APARTMENTS
Address: 2647 INTERNATIONAL RD
City,State,Zip: OAKLAND, CA 94601
Facility Status: Not reported
NPDES Number: Not reported
Region: Not reported
Agency Number: Not reported
Regulatory Measure ID: Not reported
Place ID: Not reported
Order Number: Not reported
WDID: 2 01C358129
Regulatory Measure Type: Construction
Program Type: Not reported
Adoption Date Of Regulatory Measure: Not reported
Effective Date Of Regulatory Measure: Not reported
Termination Date Of Regulatory Measure: Not reported
Expiration Date Of Regulatory Measure: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH'S PROFESSIONAL CENTER (Continued)

S103890923

Discharge Address:	Not reported
Discharge Name:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Status:	Terminated
Status Date:	04/28/2014
Operator Name:	St Joseph Senior LP
Operator Address:	345 Spear St
Operator City:	San Francisco
Operator State:	California
Operator Zip:	94105
NPDES as of 03/2018:	
NPDES Number:	Not reported
Status:	Not reported
Agency Number:	Not reported
Region:	2
Regulatory Measure ID:	403251
Order Number:	Not reported
Regulatory Measure Type:	Construction
Place ID:	Not reported
WDID:	2 01C358129
Program Type:	Not reported
Adoption Date Of Regulatory Measure:	Not reported
Effective Date Of Regulatory Measure:	Not reported
Expiration Date Of Regulatory Measure:	Not reported
Termination Date Of Regulatory Measure:	04/10/2014
Discharge Name:	Not reported
Discharge Address:	Not reported
Discharge City:	Not reported
Discharge State:	Not reported
Discharge Zip:	Not reported
Received Date:	Not reported
Processed Date:	05/11/2010
Status:	Terminated
Status Date:	04/28/2014
Place Size:	2.39
Place Size Unit:	Acres
Contact:	Smitha Seshadri
Contact Title:	Proj Mgr
Contact Phone:	415-989-1111
Contact Phone Ext:	7519
Contact Email:	sseshadri@bridgehousing.com
Operator Name:	St Joseph Senior LP
Operator Address:	345 Spear St
Operator City:	San Francisco
Operator State:	California
Operator Zip:	94105
Operator Contact:	Smitha Seshadri
Operator Contact Title:	Proj Mgr
Operator Contact Phone:	415-989-1111
Operator Contact Phone Ext:	7519
Operator Contact Email:	sseshadri@bridgehousing.com
Operator Type:	Other
Developer:	BRIDGE Housing Corporation
Developer Address:	345 Spear St
Developer City:	San Francisco

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH'S PROFESSIONAL CENTER (Continued)

S103890923

Developer State: California
Developer Zip: 94105
Developer Contact: Smitha Seshadri
Developer Contact Title: Proj Mgr
Constype Linear Utility Ind: N
Emergency Phone: 925-510-7161
Emergency Phone Ext: Not reported
Constype Above Ground Ind: Not reported
Constype Below Ground Ind: Not reported
Constype Cable Line Ind: Not reported
Constype Comm Line Ind: Not reported
Constype Commercial Ind: Not reported
Constype Electrical Line Ind: Not reported
Constype Gas Line Ind: Not reported
Constype Industrial Ind: Not reported
Constype Other Description: Not reported
Constype Other Ind: Not reported
Constype Recons Ind: Not reported
Constype Residential Ind: Y
Constype Transport Ind: Not reported
Constype Utility Description: Not reported
Constype Utility Ind: Not reported
Constype Water Sewer Ind: Not reported
Dir Discharge Uswater Ind: N
Receiving Water Name: San Francisco Bay
Certifier: Smitha Seshadri
Certifier Title: Not reported
Certification Date: 05-OCT-10
Primary Sic: Not reported
Secondary Sic: Not reported
Tertiary Sic: Not reported

CIWQS:

Name: ST JOSEPHS SR APARTMENTS
Address: 2647 INTERNATIONAL RD
City,State,Zip: OAKLAND, CA 94601
Agency: St Joseph Senior LP
Agency Address: 345 Spear St Suite 700, San Francisco, CA 94105
Place/Project Type: Construction - Residential
SIC/NAICS: Not reported
Region: 2
Program: CONSTW
Regulatory Measure Status: Terminated
Regulatory Measure Type: Storm water construction
Order Number: 2009-0009-DWQ
WDID: 2 01C358129
NPDES Number: CAS000002
Adoption Date: Not reported
Effective Date: 05/11/2010
Termination Date: 04/10/2014
Expiration/Review Date: Not reported
Design Flow: Not reported
Major/Minor: Not reported
Complexity: Not reported
TTWQ: Not reported
Enforcement Actions within 5 years: 1

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ST JOSEPH'S PROFESSIONAL CENTER (Continued)

S103890923

Violations within 5 years: 0
Latitude: 37.78043
Longitude: -122.23223

A4
WNW
< 1/8
0.044 mi.
230 ft.

OAKLAND HOSPITAL
2648 E 14TH ST
OAKLAND, CA 94601

Site 3 of 4 in cluster A

RCRA-SQG 1000277313
CA SWEEPS UST CAD079076261
FINDS
ECHO
CA HAZNET

Relative:
Lower

RCRA-SQG:

Date form received by agency: 09/01/1996

Actual:
42 ft.

Facility name: OAKLAND HOSPITAL
Facility address: 2648 E 14TH ST

OAKLAND, CA 94601

EPA ID: CAD079076261

Mailing address: E 14TH ST
OAKLAND, CA 94601

Contact: Not reported

Contact address: Not reported

Contact country: Not reported

Contact telephone: US

Contact email: Not reported

EPA Region: 09

Classification: Small Small Quantity Generator

Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: PARACELSUS HOSPITAL CORP

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported

Owner/operator telephone: 415-555-1212

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Owner

Owner/Op start date: Not reported

Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED

Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999

Owner/operator country: Not reported

Owner/operator telephone: 415-555-1212

Owner/operator email: Not reported

Owner/operator fax: Not reported

Owner/operator extension: Not reported

Legal status: Private

Owner/Operator Type: Operator

Owner/Op start date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND HOSPITAL (Continued)

1000277313

Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

SWEEPS UST:

Name: COMMERCIAL PROPERTY
Address: 2648 E 14TH ST
City: OAKLAND
Status: Not reported
Comp Number: 4699
Number: Not reported
Board Of Equalization: Not reported
Referral Date: Not reported
Action Date: Not reported
Created Date: Not reported
Owner Tank Id: Not reported
SWRCB Tank Id: 01-000-004699-000001
Tank Status: Not reported
Capacity: 1000
Active Date: Not reported
Tank Use: M.V. FUEL
STG: PRODUCT
Content: DIESEL
Number Of Tanks: 1

FINDS:

Registry ID: 110002659711

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND HOSPITAL (Continued)

1000277313

ECHO:

Envid: 1000277313
Registry ID: 110002659711
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002659711>

HAZNET:

Name: OAKLAND HOSPITAL
Address: 2648 E 14TH ST
City,State,Zip: OAKLAND, CA 946010000
Year: 1993
GEPaid: CAD079076261
Contact: INACTIVE,UNDELIVERABLE 96 FEE
Telephone: --
Mailing Name: Not reported
Mailing Address: 2648 E 14TH ST
Mailing City,St,Zip: OAKLAND, CA 946010000
Gen County: Alameda
TSD EPA ID: CAD009466392
TSD County: Contra Costa
Tons: 0.18
CA Waste Code: 512-Other empty containers 30 gallons or more
Method: -
Facility County: Alameda

**A5
West
< 1/8
0.048 mi.
251 ft.**

**DR. LULA TSEGAY FAMILY DENTISTRY
2647 E 14TH ST STE 101
OAKLAND, CA 94601**

RCRA NonGen / NLR

**1024791288
CAL000100957**

Site 4 of 4 in cluster A

**Relative:
Lower
Actual:
41 ft.**

RCRA NonGen / NLR:
Date form received by agency: 07/22/1997
Facility name: DR. LULA TSEGAY FAMILY DENTISTRY
Facility address: 2647 E 14TH ST STE 101
OAKLAND, CA 94601-0000
EPA ID: CAL000100957
Mailing address: 433 ESTUDILLO AVE STE 102
SAN LEANDRO, CA 94577-4915
Contact: LULA TSEGAY D.D.S
Contact address: 433 ESTUDILLO AVE #102
SAN LEANDRO, CA 94577
Contact country: Not reported
Contact telephone: 510-347-5852
Contact email: LULATSEGAY@SBCGLOBAL.NET
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: LULA TSEGAY D.D.S
Owner/operator address: 433 ESTUDILLO AVE #102
SAN LEANDRO, CA 94577
Owner/operator country: Not reported
Owner/operator telephone: 510-347-5852
Owner/operator email: Not reported
Owner/operator fax: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DR. LULA TSEGAY FAMILY DENTISTRY (Continued)

1024791288

Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: DR LULA TSEGAY
Owner/operator address: 433 ESTUDILLO AVE #102
SAN LEANDRO, CA 94577

Owner/operator country: Not reported
Owner/operator telephone: 510-347-5852
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: Yes
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

B6
SE
< 1/8
0.061 mi.
320 ft.

MONTGOMERY WARD CO
VARIOUS LOCATIONS
OAKLAND, CA 94611
Site 1 of 3 in cluster B

RCRA-SQG 1000404530
US AIRS CAD981386311
FINDS
ECHO

Relative:
Higher

RCRA-SQG:
Date form received by agency: 09/01/1996
Facility name: MONTGOMERY WARD CO
Facility address: VARIOUS LOCATIONS
OAKLAND, CA 94611
EPA ID: CAD981386311
Mailing address: 2825 E FOURTEEN ST
OAKLAND, CA 94616
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported

Actual:
46 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONTGOMERY WARD CO (Continued)

1000404530

EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MONTGOMERY WARD CO
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 03/12/1986
Site name: MONTGOMERY WARD CO
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

MONTGOMERY WARD CO (Continued)

1000404530

Violation Status: No violations found

US AIRS MINOR:
Envid: 1000404530
Region Code: 09
Programmatic ID: AIR 0900000006001R9261
Facility Registry ID: 110001188508
D and B Number: Not reported
Primary SIC Code: 9999
NAICS Code: 999999
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

US AIRS MINOR:
Envid: 1000404530
Region Code: 09
Programmatic ID: AIR 0900000006001R9261
Facility Registry ID: 110001188508
D and B Number: Not reported
Primary SIC Code: 9999
NAICS Code: 999999
Default Air Classification Code: MIN
Facility Type of Ownership Code: POF
Air CMS Category Code: Not reported
HPV Status: Not reported

FINDS:

Registry ID: 110001188508

Environmental Interest/Information System

AFS (Aerometric Information Retrieval System (AIRS) Facility Subsystem) replaces the former Compliance Data System (CDS), the National Emission Data System (NEDS), and the Storage and Retrieval of Aerometric Data (SAROAD). AIRS is the national repository for information concerning airborne pollution in the United States. AFS is used to track emissions and compliance data from industrial plants. AFS data are utilized by states to prepare State Implementation Plans to comply with regulatory programs and by EPA as an input for the estimation of total national emissions. AFS is undergoing a major redesign to support facility operating permits required under Title V of the Clean Air Act.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

AIR MINOR

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MONTGOMERY WARD CO (Continued)

1000404530

information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all Federal Administrative and Judicial enforcement actions. This information is maintained in ICIS by EPA in the Regional offices and it Headquarters. A future release of ICIS will replace the Permit Compliance System (PCS) which supports the NPDES and will integrate that information with Federal actions already in the system. ICIS also has the capability to track other activities occurring in the Region that support Compliance and Enforcement programs. These include; Incident Tracking, Compliance Assistance, and Compliance Monitoring.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000404530
 Registry ID: 110001188508
 DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110001188508>

B7
South
< 1/8
0.069 mi.
362 ft.

OAKLAND USD
2825 INTERNATIONAL BLVD
OAKLAND, CA 94601

CA ENVIROSTOR
CA SCH
CA HAZNET

S112909836
N/A

Site 2 of 3 in cluster B

Relative:
Lower
Actual:
42 ft.

ENVIROSTOR:

Name: FORMER MONTGOMERY WARD BUILDING
 Address: 2825 INTERNATIONAL BOULEVARD
 City,State,Zip: OAKLAND, CA 94601
 Facility ID: 1230003
 Status: Certified
 Status Date: 08/31/2001
 Site Code: 201289
 Site Type: School Cleanup
 Site Type Detailed: School
 Acres: 7.85
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Mike Lozano
 Supervisor: Mark Malinowski
 Division Branch: Northern California Schools & Santa Susana
 Assembly: 18
 Senate: 09
 Special Program: Not reported
 Restricted Use: NO
 Site Mgmt Req: NONE SPECIFIED
 Funding: School District
 Latitude: 37.77945
 Longitude: -122.2308
 APN: 25-700-1-3
 Past Use: * MANU - APPAREL & OTHER TEXTILE PRODUCTS
 Potential COC: TPH-MOTOR OIL TPH-gas TPH-diesel Lead Polychlorinated biphenyls (PCBs)
 Not reported
 Confirmed COC: NONE SPECIFIED

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND USD (Continued)

S112909836

Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: FORMER MONTGOMERY WARD BUILDING
Address: 2825 INTERNATIONAL BOULEVARD
City,State,Zip: OAKLAND, CA 94601
Facility ID: 1230003
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 7.85
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Mike Lozano
Supervisor: Mark Malinowski
Division Branch: Northern California Schools & Santa Susana
Site Code: 201289
Assembly: 18
Senate: 09
Special Program Status: Not reported
Status: Certified
Status Date: 08/31/2001
Restricted Use: NO
Funding: School District
Latitude: 37.77945
Longitude: -122.2308
APN: 25-700-1-3
Past Use: * MANU - APPAREL & OTHER TEXTILE PRODUCTS
Potential COC: TPH-MOTOR OIL, TPH-MOTOR OIL, TPH-gas, TPH-diesel, Lead, Polychlorinated biphenyls (PCBs)
Confirmed COC: NONE SPECIFIED
Potential Description: SOIL
Alias Name: Not reported
Alias Type: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND USD (Continued)

S112909836

Completed Info:

Completed Area Name: Not reported
Completed Sub Area Name: Not reported
Completed Document Type: Not reported
Completed Date: Not reported
Comments: Not reported

Future Area Name: Not reported
Future Sub Area Name: Not reported
Future Document Type: Not reported
Future Due Date: Not reported
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:

Name: OAKLAND USD
Address: 2825 INTERNATIONAL BLVD
City,State,Zip: OAKLAND, CA 946010000
Year: 2001
GEPaid: CAC002289305
Contact: INEDA ADESANYA
Telephone: 5108798110
Mailing Name: Not reported
Mailing Address: 955 HIGH ST
Mailing City,St,Zip: OAKLAND, CA 946010000
Gen County: Alameda
TSD EPA ID: CAT000646117
TSD County: Kings
Tons: 54.782
CA Waste Code: 352-Other organic solids
Method: D80-Disposal, Land Fill
Facility County: Alameda

Name: OAKLAND USD
Address: 2825 INTERNATIONAL BLVD
City,State,Zip: OAKLAND, CA 946010000
Year: 2001
GEPaid: CAC002289305
Contact: INEDA ADESANYA
Telephone: 5108798110
Mailing Name: Not reported
Mailing Address: 955 HIGH ST
Mailing City,St,Zip: OAKLAND, CA 946010000
Gen County: Alameda
TSD EPA ID: CAT000646117
TSD County: Kings
Tons: 25.284
CA Waste Code: 352-Other organic solids
Method: T01-Treatment, Tank
Facility County: Alameda

Name: OAKLAND USD
Address: 2825 INTERNATIONAL BLVD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND USD (Continued)

S112909836

City,State,Zip: OAKLAND, CA 946010000
Year: 2001
GEPaid: CAC002289305
Contact: INEDA ADESANYA
Telephone: 5108798110
Mailing Name: Not reported
Mailing Address: 955 HIGH ST
Mailing City,St,Zip: OAKLAND, CA 946010000
Gen County: Alameda
TSD EPA ID: CAD980887418
TSD County: Alameda
Tons: 0.931
CA Waste Code: 221-Waste oil and mixed oil
Method: R01-Recycler
Facility County: Alameda

Name: OAKLAND USD
Address: 2825 INTERNATIONAL BLVD
City,State,Zip: OAKLAND, CA 946010000
Year: 2001
GEPaid: CAC002289305
Contact: INEDA ADESANYA
Telephone: 5108798110
Mailing Name: Not reported
Mailing Address: 955 HIGH ST
Mailing City,St,Zip: OAKLAND, CA 946010000
Gen County: Alameda
TSD EPA ID: CAD981382732
TSD County: Alameda
Tons: 16.856
CA Waste Code: 151-Asbestos containing waste
Method: D80-Disposal, Land Fill
Facility County: Alameda

Name: OAKLAND USD
Address: 2825 INTERNATIONAL BLVD
City,State,Zip: OAKLAND, CA 946010000
Year: 2000
GEPaid: CAC002289305
Contact: OAKLAND USD
Telephone: 5108798560
Mailing Name: Not reported
Mailing Address: 955 HIGH ST
Mailing City,St,Zip: OAKLAND, CA 946010000
Gen County: Alameda
TSD EPA ID: CAT000646117
TSD County: Kings
Tons: 50.568
CA Waste Code: 352-Other organic solids
Method: D80-Disposal, Land Fill
Facility County: 1

[Click this hyperlink](#) while viewing on your computer to access additional CA_HAZNET: detail in the EDR Site Report.

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

B8
SE
< 1/8
0.072 mi.
379 ft.

HERLING ELEANOR
1404 28TH AVE
OAKLAND, CA
Site 3 of 3 in cluster B

EDR Hist Cleaner **1009141396**
N/A

Relative:
Higher

EDR Hist Cleaner

Actual:
48 ft.

Year: Name:
1933 HERLING ELEANOR

Type:
CLOTHES PRESSERS AND CLEANERS

C9
NW
< 1/8
0.089 mi.
472 ft.

TRI CITY CLEANERS
2560 INTERNATIONAL BLVD
OAKLAND, CA 94601
Site 1 of 4 in cluster C

CA LUST **S103066217**
CA Alameda County CS **N/A**
CA HIST CORTESE
CA CERS

Relative:
Lower

LUST:

Actual:
41 ft.

Name: TRI CITY CLEANERS
Address: 2560 INTERNATIONAL
City,State,Zip: OAKLAND, CA 94601
Lead Agency: ALAMEDA COUNTY LOP
Case Type: LUST Cleanup Site
Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100979
Global Id: T0600100979
Latitude: 37.781729
Longitude: -122.231907
Status: Completed - Case Closed
Status Date: 03/30/1998
Case Worker: Not reported
RB Case Number: 01-1062
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000865
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Stoddard solvent / Mineral Sprits / Distillates
Site History: Not reported

LUST:

Global Id: T0600100979
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600100979
Action Type: Other
Date: 11/14/1990
Action: Leak Reported

Global Id: T0600100979
Action Type: ENFORCEMENT
Date: 03/05/1998
Action: File Review - Closure

Global Id: T0600100979

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRI CITY CLEANERS (Continued)

S103066217

Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

LUST:
Global Id: T0600100979
Status: Completed - Case Closed
Status Date: 03/30/1998

Global Id: T0600100979
Status: Open - Case Begin Date
Status Date: 11/14/1990

LUST REG 2:
Region: 2
Facility Id: 01-1062
Facility Status: Case Closed
Case Number: 239
How Discovered: Tank Closure
Leak Cause: Corrosion
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: 3/19/1998

Alameda County CS:
Name: TRI CITY CLEANERS
Address: 2560 INTERNATIONAL BLVD
City,State,Zip: OAKLAND, CA 94601
Status: Case Closed
Record Id: RO0000865
PE: 5602
Facility Status: Case Closed
Latitude: 37.781802447
Longitude: -122.23296994

HIST CORTESE:
edr_fname: TRI CITY CLEANERS
edr_fadd1: 2560 14TH
City,State,Zip: OAKLAND, CA 94601
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-1062

CERS:
Name: TRI CITY CLEANERS
Address: 2560 INTERNATIONAL
City,State,Zip: OAKLAND, CA 94601

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

TRI CITY CLEANERS (Continued)

S103066217

Site ID: 201760
CERS ID: T0600100979
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:
Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

**C10
WNW
< 1/8
0.098 mi.
516 ft.**

**TRI CITY CLEANERS
2560 E 14TH ST
OAKLAND, CA
Site 2 of 4 in cluster C**

**EDR Hist Cleaner 1009139864
N/A**

**Relative:
Lower**

EDR Hist Cleaner

**Actual:
40 ft.**

Year:	Name:	Type:
1967	TRI CITY CLEANERS	CLEANERS AND DYERS
1969	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1970	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1971	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1972	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1973	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1974	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1975	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1976	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1977	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1978	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1979	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1980	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1982	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1983	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1985	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1986	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1987	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1988	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1989	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1990	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1991	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1992	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1993	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1994	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1995	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1996	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1997	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1998	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
1999	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
2000	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
2001	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs
2002	TRI CITY CLEANERS	Drycleaning Plants, Except Rugs

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

TRI CITY CLEANERS (Continued)

1009139864

2003 TRI CITY CLEANERS Drycleaning Plants, Except Rugs
 2004 TRI CITY CLEANERS Drycleaning Plants, Except Rugs
 2005 TRI CITY CLEANERS Drycleaning Plants, Except Rugs

11
SSW
 < 1/8
 0.102 mi.
 538 ft.

HERMES H C
2778 E 12TH ST
OAKLAND, CA

EDR Hist Auto **1009012341**
 N/A

Relative:
Lower
Actual:
39 ft.

EDR Hist Auto

Year: Name: Type:
 1943 HERMES H C AUTOMOBILE REPAIRING

C12
NW
 < 1/8
 0.109 mi.
 577 ft.

DELAWARE DEVELOPMENT CORPORATION
2530 INTERNATIONAL BLVD
OAKLAND, CA 94601

CA LUST **S102428710**
CA Alameda County CS **N/A**
CA HIST CORTESE
CA CERS

Site 3 of 4 in cluster C

Relative:
Lower
Actual:
41 ft.

LUST:

Name: DELAWARE DEVELOPMENT CORPORATION
 Address: 2530 INTERNATIONAL
 City,State,Zip: OAKLAND, CA 94601
 Lead Agency: ALAMEDA COUNTY LOP
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600100439
 Global Id: T0600100439
 Latitude: 37.781909
 Longitude: -122.232737
 Status: Completed - Case Closed
 Status Date: 03/04/1997
 Case Worker: Not reported
 RB Case Number: 01-0483
 Local Agency: Not reported
 File Location: All Files are on GeoTracker or in the Local Agency Database
 Local Case Number: RO0001126
 Potential Media Affect: Other Groundwater (uses other than drinking water)
 Potential Contaminants of Concern: Gasoline
 Site History: Not reported

LUST:

Global Id: T0600100439
 Contact Type: Regional Board Caseworker
 Contact Name: Regional Water Board
 Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
 Address: 1515 CLAY ST SUITE 1400
 City: OAKLAND
 Email: Not reported
 Phone Number: Not reported

LUST:

Global Id: T0600100439
 Action Type: Other
 Date: 09/15/1989

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DELAWARE DEVELOPMENT CORPORATION (Continued)

S102428710

Action: Leak Reported

Global Id: T0600100439
Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

LUST:

Global Id: T0600100439
Status: Completed - Case Closed
Status Date: 03/04/1997

Global Id: T0600100439
Status: Open - Case Begin Date
Status Date: 09/15/1989

LUST REG 2:

Region: 2
Facility Id: 01-0483
Facility Status: Case Closed
Case Number: 3679
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assesment Wokplan Submitted: Not reported
Preliminary Site Assesment Began: 4/4/1990
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Name: DELAWARE DEVELOPMENT CORPORATION
Address: 2530 INTERNATIONAL BLVD
City,State,Zip: OAKLAND, CA 94601
Status: Case Closed
Record Id: RO0001126
PE: 5602
Facility Status: Case Closed
Latitude: 37.782016602
Longitude: -122.23332651

HIST CORTESE:

edr_fname: DELAWARE DEVELOPMENT COM
edr_fadd1: 2530 14TH
City,State,Zip: OAKLAND, CA
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-0483

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DELAWARE DEVELOPMENT CORPORATION (Continued)

S102428710

CERS:

Name: DELAWARE DEVELOPMENT CORPORATION
 Address: 2530 INTERNATIONAL
 City,State,Zip: OAKLAND, CA 94601
 Site ID: 211417
 CERS ID: T0600100439
 CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
 Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
 Entity Title: Not reported
 Affiliation Address: 1515 CLAY ST SUITE 1400
 Affiliation City: OAKLAND
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

**C13
 WNW
 < 1/8
 0.112 mi.
 593 ft.**

**KAMUR INDUSTRIES INC
 2530 EAST 14TH ST
 OAKLAND, CA 94601
 Site 4 of 4 in cluster C**

**EDR Hist Auto 1021426209
 N/A**

**Relative:
 Lower**

EDR Hist Auto

**Actual:
 40 ft.**

Year:	Name:	Type:
1979	KAMUR INDUSTRIES INC	Carwashes
1980	KAMUR INDUSTRIES INC	Carwashes
1982	KAMUR INDUSTRIES INC	Carwashes

**D14
 West
 < 1/8
 0.119 mi.
 627 ft.**

**DIAMOND DIESEL
 2550 E 12TH ST
 OAKLAND, CA 94601
 Site 1 of 3 in cluster D**

**RCRA-SQG 1000301490
 FINDS CAD981571359
 ECHO
 CA HAZNET**

**Relative:
 Lower**

RCRA-SQG:

Date form received by agency: 09/01/1996
 Facility name: DIAMOND DIESEL
 Facility address: 2550 E 12TH ST
 OAKLAND, CA 94601
 EPA ID: CAD981571359
 Contact: Not reported
 Contact address: Not reported
 Not reported
 Contact country: US
 Contact telephone: Not reported
 Contact email: Not reported
 EPA Region: 09
 Classification: Small Small Quantity Generator
 Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAMOND DIESEL (Continued)

1000301490

waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: DIAMOND DIESEL
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 09/30/1986
Site name: DIAMOND DIESEL
Classification: Large Quantity Generator

Violation Status: No violations found

FINDS:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAMOND DIESEL (Continued)

1000301490

Registry ID: 110002717999

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

STATE MASTER

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1000301490
Registry ID: 110002717999
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002717999>

HAZNET:

Name: DIAMOND DIESEL
Address: 2550 E 12TH ST
City,State,Zip: OAKLAND, CA 946010000
Year: 2010
GEPaid: CAD981571359
Contact: Terrence D Moore
Telephone: 5105328500
Mailing Name: Not reported
Mailing Address: 2550 E 12TH ST
Mailing City,St,Zip: OAKLAND, CA 946011502
Gen County: Alameda
TSD EPA ID: CAD059494310
TSD County: Santa Clara
Tons: 0.1815
CA Waste Code: 331-Off-specification, aged or surplus organics
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery (H010-H129) Or (H131-H135)
Facility County: Alameda

Name: DIAMOND DIESEL
Address: 2550 E 12TH ST
City,State,Zip: OAKLAND, CA 946010000
Year: 2006
GEPaid: CAD981571359
Contact: Terrence D Moore
Telephone: 5105328500
Mailing Name: Not reported
Mailing Address: 2550 E 12TH ST
Mailing City,St,Zip: OAKLAND, CA 946011502

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAMOND DIESEL (Continued)

1000301490

Gen County: Alameda
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Tons: 0.19
CA Waste Code: 221-Waste oil and mixed oil
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Alameda

Name: DIAMOND DIESEL
Address: 2550 E 12TH ST
City,State,Zip: OAKLAND, CA 946010000
Year: 2006
GEPaid: CAD981571359
Contact: Terrence D Moore
Telephone: 5105328500
Mailing Name: Not reported
Mailing Address: 2550 E 12TH ST
Mailing City,St,Zip: OAKLAND, CA 946011502
Gen County: Alameda
TSD EPA ID: CAD097030993
TSD County: Los Angeles
Tons: 0.21
CA Waste Code: 134-Aqueous solution with total organic residues less than 10 percent
Method: H141-Storage, Bulking, And/Or Transfer Off Site--No Treatment/Reovery
(H010-H129) Or (H131-H135)
Facility County: Alameda

Name: DIAMOND DIESEL
Address: 2550 E 12TH ST
City,State,Zip: OAKLAND, CA 946010000
Year: 2004
GEPaid: CAD981571359
Contact: Terrence D Moore
Telephone: 5105328500
Mailing Name: Not reported
Mailing Address: 2550 E 12TH ST
Mailing City,St,Zip: OAKLAND, CA 946011502
Gen County: Alameda
TSD EPA ID: CA0000084517
TSD County: Sacramento
Tons: 0.02502
CA Waste Code: 741-Liquids with halogenated organic compounds >= 1,000 Mg./L
Method: H01-Transfer Station
Facility County: Alameda

Name: DIAMOND DIESEL
Address: 2550 E 12TH ST
City,State,Zip: OAKLAND, CA 946010000
Year: 2003
GEPaid: CAD981571359
Contact: Terrence D Moore
Telephone: 5105328500
Mailing Name: Not reported
Mailing Address: 2550 E 12TH ST
Mailing City,St,Zip: OAKLAND, CA 946011502
Gen County: Alameda

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DIAMOND DIESEL (Continued)

1000301490

TSD EPA ID: CA0000084517
 TSD County: Sacramento
 Tons: 0.231
 CA Waste Code: 134-Aqueous solution with total organic residues less than 10 percent
 Method: H01-Transfer Station
 Facility County: Alameda

[Click this hyperlink](#) while viewing on your computer to access
 7 additional CA_HAZNET: record(s) in the EDR Site Report.

D15
West
< 1/8
0.119 mi.
627 ft.

HYSOM G W
2550 E 12TH ST
OAKLAND, CA
Site 2 of 3 in cluster D

EDR Hist Auto **1009013796**
N/A

Relative:
Lower

EDR Hist Auto

Actual:
36 ft.

Year:	Name:	Type:
1933	HYSOM G W	AUTOMOBILE REPAIRING
1943	BULLOCK M A	AUTOMOBILE REPAIRING
1971	DIAMOND DIESEL INJECTION SVC	General Automotive Repair Shops
1971	ROAD RUNNER TRUCK SVC & REPAIR	General Automotive Repair Shops
1972	ROAD RUNNER TRUCK SV & REPAIR	General Automotive Repair Shops
1972	DIAMOND DIESEL SERVICE INC	General Automotive Repair Shops
1973	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC
1974	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC
1975	MOORE POWER INJECTOR SERVICE*	Automotive Repair Shops, NEC
1975	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC
1976	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC
1976	MOORE POWER INJECTOR SERVICE*	Automotive Repair Shops, NEC
1977	DIAMOND DIESEL SERVICE INC	General Automotive Repair Shops
1977	MOORE POWER INJECTOR SERVICE*	Automotive Repair Shops, NEC
1978	DIAMOND DIESEL SERVICE INC	General Automotive Repair Shops
1978	MOORE POWER INJECTOR SERVICE*	Automotive Repair Shops, NEC
1979	MOORE POWER INJECTOR SERVICE*	Automotive Repair Shops, NEC
1979	MOORE POWER INJECTOR SERVICE*	Automotive Repair Shops, NEC
1979	DIAMOND DIESEL SERVICE INC	General Automotive Repair Shops
1980	MOORE POWER INJECTOR SERVICE*	Automotive Repair Shops, NEC
1980	DIAMOND DIESEL SERVICE INC	General Automotive Repair Shops
1982	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC
1983	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC
1985	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC
1986	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC
1987	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC
1988	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC
1989	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
1990	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
1991	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
1992	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
1993	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
1994	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
1995	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
1996	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
1997	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
1998	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
1999	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
2000	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

HYSOM G W (Continued)

1009013796

2001	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
2002	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
2003	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
2004	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
2005	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
2006	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
2007	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
2008	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
2009	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
2010	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
2011	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
2012	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
2013	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC
2014	DIAMOND DIESEL SERVICE INC	Automotive Repair Shops, NEC, NEC

D16
West
< 1/8
0.119 mi.
627 ft.

DIAMONDDIESEL
2550 E 12TH ST
OAKLAND, CA 94601
Site 3 of 3 in cluster D

CA CERS HAZ WASTE **S121754722**
CA CERS **N/A**

Relative:
Lower
Actual:
36 ft.

CERS HAZ WASTE:
 Site ID: 25184
 CERS ID: 10412554
 CERS Description: Hazardous Waste Generator

Violations:

Site ID: 25184
 Site Name: DiamondDiesel
 Violation Date: 07-18-2017
 Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
 Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
 Violation Notes: Returned to compliance on 09/07/2017. OBSERVATION: Generator is unable to explain status of and and bead blast waste. CORRECTIVE ACTION: Provide hazardous waste characterization of sand and bead blast waste. Provide disposal records to ACDEH if characterization has been done and found to be hazardous.
 Violation Division: Alameda County Environmental Health
 Violation Program: HW
 Violation Source: CERS

Site ID: 25184
 Site Name: DiamondDiesel
 Violation Date: 10-09-2018
 Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2
 Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.
 Violation Notes: Returned to compliance on 10/17/2018.
 Violation Division: Alameda County Environmental Health
 Violation Program: HMRRP
 Violation Source: CERS

Site ID: 25184
 Site Name: DiamondDiesel

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

DIAMONDDIESEL (Continued)

S121754722

Violation Date: Citation: Violation Description: Violation Notes: Violation Division: Violation Program: Violation Source: Site ID: Site Name: Violation Date: Citation: Violation Description: Violation Notes: Violation Division: Violation Program: Violation Source: Site ID: Site Name: Violation Date: Citation: Violation Description: Violation Notes: Violation Division: Violation Program: Violation Source: Site ID:	07-18-2017 HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22 Failure to properly manage used oil and/or fuel filters in accordance with the requirements. Returned to compliance on 09/07/2017. OBSERVATION: One 55-gallon metal bung-top container of used oil AND one 55-gallon plastic open-top container of oil/water without hazardous waste label. CORRECTIVE ACTION: Hazardous waste labels provided to the generator. Labels may be placed on the exterior of the secondary containment container. Submit a photograph of the correction and submit to ACDEH. OBSERVATION: Generator does not conduct weekly inspections of hazardous waste containers. CORRECTIVE ACTION: A weekly inspection checklist was provided to the generator. Inspection points were explained to the generator. Provide copies of three weeks of inspections to ACDEH. Alameda County Environmental Health HW CERS 25184 DiamondDiesel 07-18-2017 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f) Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date. Returned to compliance on 07/18/2017. OBSERVATION: One 55-gallon metal bung-top container of used oil AND one 55-gallon plastic open-top container of oil/water without hazardous waste label. CORRECTIVE ACTION: Hazardous waste labels provided to the generator. Labels may be placed on the exterior of the secondary containment container. Submit a photograph of the correction and submit to ACDEH. Alameda County Environmental Health HW CERS 25184 DiamondDiesel 07-18-2017 40 CFR 1 265.171 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.171 Failure to accumulate hazardous waste in a container that is in good condition. Returned to compliance on 09/07/2017. OBSERVATION: One 55-gallon metal container labeled "calibration fluid" has corrosion at bottom and is beginning to weep. CORRECTIVE ACTION: Immediately transfer contents to container in good condition or place in overpack container. Provide photograph of correction to ACDEH. Alameda County Environmental Health HW CERS 25184
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Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAMONDDIESEL (Continued)

S121754722

Site Name: DiamondDiesel
Violation Date: 07-18-2017
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes: Returned to compliance on 09/07/2017. OBSERVATION: Generator does not conduct weekly inspections of hazardous waste containers. CORRECTIVE ACTION: A weekly inspection checklist was provided to the generator. Inspection points were explained to the generator. Provide copies of three weeks of inspections to ACDEH.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 25184
Site Name: DiamondDiesel
Violation Date: 03-21-2016
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 03/28/2016.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 25184
Site Name: DiamondDiesel
Violation Date: 07-18-2017
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their responsibilities during normal facility operations and emergencies.
Violation Notes: Returned to compliance on 09/07/2017. OBSERVATION: Specific training of hazardous waste handlers is not being conducted. CORRECTIVE ACTION: Training topics provided to generator. Specific training topics for hazardous waste handlers were explained to the generator. Provided training roster to ACDEH.
Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 25184
Site Name: DiamondDiesel
Violation Date: 07-18-2017
Citation: 22 CCR 18 66268.7(a) - California Code of Regulations, Title 22, Chapter 18, Section(s) 66268.7(a)
Violation Description: Failure to determine if the waste has to be treated before it can be land disposed and retain the documentation at least three years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal.
Violation Notes: Returned to compliance on 09/07/2017. OBSERVATION: Generator is unable to explain status of and and bead blast waste. CORRECTIVE ACTION: Provide hazardous waste characterization of sand and bead blast waste.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAMONDDIESEL (Continued)

S121754722

Provide disposal records to ACDEH if characterization has been done and found to be hazardous.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 25184
Site Name: DiamondDiesel
Violation Date: 04-13-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)
Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Notes: Returned to compliance on 04/25/2017.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-18-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HAZARDOUS MATERIAL BUSINESS PLAN INSPECTION Diamond Diesel 2550 E 12th St Oakland, 94601 PR0519926 Hazardous Material Business Plan (HMBP) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on July 18, 2017. Consent to inspect was given by and the completed inspection report was reviewed with Robert Park, Controller. The business is a vehicle service repair. CERS chemical inventory: 70-gallon diesel fuel additive, 110-gallon calibration fluid, 55-gallon waste diesel fuel, 55-gallon kerosene Retail packaged products in reportable quantities are not required to be reported in the CERS chemical inventory. The last complete CERS submittal was dated April 25, 2017. A complete CERS submittal is due each year. Each year you must submit a complete CERS submittal (Facility Information, Site Map and Inventory, Emergency Response/Contingency Plan). Your next due date was April 2018. NO VIOLATIONS OBSERVED AT THE TIME OF [Truncated]

Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-13-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP NOV LETTER/ADD VIOLATION
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-18-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HAZARDOUS WASTE GENERATOR INSPECTION DiamondDiesel 2550 E 12th St

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAMONDDIESEL (Continued)

S121754722

Oakland, 94601 EPA ID Number: CAD981571359 PR0519927 Hazardous Waste Generator (HWG) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on July 13, 2017. Consent to inspect was given by and the completed inspection report was reviewed with Robert C. Park, Controller. The generator is a diesel engine remanufacturer. The generator is a small quantity generator. According to the Department of Toxic Substances Control the active EPA ID Number is CAD981571359. Typical hazardous waste generated: used oil, oily water. There is sand and bead blast waste from the detailing of metal parts. Waste characterization was not available for review. OBSERVATION: Specific training of hazardous waste handlers is not being conducted. CORRECTIVE ACTION: Training topics provided to generator. Specific training topics for hazardous waste handlers were explained to the [Truncated]

Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-21-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP NOV LETTER
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-09-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: GENERATE NOV LTR/ADDING VIOLATON IN EC
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Enforcement Action:
Site ID: 25184
Site Name: DiamondDiesel
Site Address: 2550 E 12TH ST
Site City: OAKLAND
Site Zip: 94601
Enf Action Date: 03-23-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Alameda County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:
Site ID: 25184
Facility Name: DiamondDiesel
Env Int Type Code: HWG
Program ID: 10412554
Coord Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAMONDDIESEL (Continued)

S121754722

Ref Point Type Desc: Center of a facility or station.
Latitude: 37.780900
Longitude: -122.233440

Affiliation:

Affiliation Type Desc: Operator
Entity Name: Diamond Diesel Service, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (510) 532-8500

Affiliation Type Desc: Property Owner
Entity Name: Anna Moore & Emilie A Carroll
Entity Title: Not reported
Affiliation Address: 2550 E 12th St
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94601
Affiliation Phone: (541) 659-0441

Affiliation Type Desc: CUPA District
Entity Name: Alameda County Env Health
Entity Title: Not reported
Affiliation Address: 1131 Harbor Parkway, Suite 240
Affiliation City: Alameda
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94502-6577
Affiliation Phone: (510) 567-6700

Affiliation Type Desc: Document Preparer
Entity Name: Robert Park
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Facility Mailing Address
Entity Name: Mailing Address
Entity Title: Not reported
Affiliation Address: 2550 E 12th St
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94601
Affiliation Phone: Not reported

Affiliation Type Desc: Identification Signer
Entity Name: Robert Park

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAMONDDIESEL (Continued)

S121754722

Entity Title: Treasurer
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

Affiliation Type Desc: Environmental Contact
Entity Name: Robert C Park
Entity Title: Not reported
Affiliation Address: 2550 E 12th St
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94601
Affiliation Phone: Not reported

Affiliation Type Desc: Legal Owner
Entity Name: Terrence D Moore
Entity Title: Not reported
Affiliation Address: 2550 E 12th St
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94601
Affiliation Phone: (510) 715-9626

Affiliation Type Desc: Parent Corporation
Entity Name: DiamondDiesel
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

CERS:
Name: DIAMONDDIESEL
Address: 2550 E 12TH ST
City,State,Zip: OAKLAND, CA 94601
Site ID: 25184
CERS ID: 10412554
CERS Description: Chemical Storage Facilities

Violations:
Site ID: 25184
Site Name: DiamondDiesel
Violation Date: 07-18-2017
Citation: 22 CCR 12 66262.11 - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.11
Violation Description: Failure to determine if wastes generated are hazardous waste by using generator knowledge or applying testing method.
Violation Notes: Returned to compliance on 09/07/2017. OBSERVATION: Generator is unable to explain status of and and bead blast waste. CORRECTIVE ACTION:

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAMONDDIESEL (Continued)

S121754722

Provide hazardous waste characterization of sand and bead blast waste. Provide disposal records to ACDEH if characterization has been done and found to be hazardous.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 25184
Site Name: DiamondDiesel
Violation Date: 10-09-2018
Citation: HSC 6.95 25508.2 - California Health and Safety Code, Chapter 6.95, Section(s) 25508.2

Violation Description: Failure to annually review and electronically certify that the business plan is complete and accurate on or before the annual due date.

Violation Notes: Returned to compliance on 10/17/2018.

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 25184
Site Name: DiamondDiesel
Violation Date: 07-18-2017
Citation: HSC 6.5 25250.22 - California Health and Safety Code, Chapter 6.5, Section(s) 25250.22

Violation Description: Failure to properly manage used oil and/or fuel filters in accordance with the requirements.

Violation Notes: Returned to compliance on 09/07/2017. OBSERVATION: One 55-gallon metal bung-top container of used oil AND one 55-gallon plastic open-top container of oil/water without hazardous waste label. CORRECTIVE ACTION: Hazardous waste labels provided to the generator. Labels may be placed on the exterior of the secondary containment container. Submit a photograph of the correction and submit to ACDEH. OBSERVATION: Generator does not conduct weekly inspections of hazardous waste containers. CORRECTIVE ACTION: A weekly inspection checklist was provided to the generator. Inspection points were explained to the generator. Provide copies of three weeks of inspections to ACDEH.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 25184
Site Name: DiamondDiesel
Violation Date: 07-18-2017
Citation: 22 CCR 12 66262.34(f) - California Code of Regulations, Title 22, Chapter 12, Section(s) 66262.34(f)

Violation Description: Failure to properly label hazardous waste accumulation containers and portable tanks with the following requirements: "Hazardous Waste", name and address of the generator, physical and chemical characteristics of the Hazardous Waste, and starting accumulation date.

Violation Notes: Returned to compliance on 07/18/2017. OBSERVATION: One 55-gallon metal bung-top container of used oil AND one 55-gallon plastic open-top container of oil/water without hazardous waste label. CORRECTIVE ACTION: Hazardous waste labels provided to the generator. Labels may be placed on the exterior of the secondary containment container.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAMONDDIESEL (Continued)

S121754722

Violation Division: Submit a photograph of the correction and submit to ACDEH.
Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 25184
Site Name: DiamondDiesel
Violation Date: 07-18-2017
Citation: 40 CFR 1 265.171 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.171
Violation Description: Failure to accumulate hazardous waste in a container that is in good condition.
Violation Notes: Returned to compliance on 09/07/2017. OBSERVATION: One 55-gallon metal container labeled "calibration fluid" has corrosion at bottom and is beginning to weep. CORRECTIVE ACTION: Immediately transfer contents to container in good condition or place in overpack container. Provide photograph of correction to ACDEH.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 25184
Site Name: DiamondDiesel
Violation Date: 07-18-2017
Citation: 40 CFR 1 265.174 - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 265.174
Violation Description: Failure to inspect hazardous waste storage areas at least weekly and look for leaking and deteriorating containers.
Violation Notes: Returned to compliance on 09/07/2017. OBSERVATION: Generator does not conduct weekly inspections of hazardous waste containers. CORRECTIVE ACTION: A weekly inspection checklist was provided to the generator. Inspection points were explained to the generator. Provide copies of three weeks of inspections to ACDEH.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 25184
Site Name: DiamondDiesel
Violation Date: 03-21-2016
Citation: HSC 6.95 25508(d) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(d)
Violation Description: Failure to complete and/or electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.
Violation Notes: Returned to compliance on 03/28/2016.

Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Site ID: 25184
Site Name: DiamondDiesel
Violation Date: 07-18-2017
Citation: 40 CFR 1 262.34(d)(5)(iii) - U.S. Code of Federal Regulations, Title 40, Chapter 1, Section(s) 262.34(d)(5)(iii)
Violation Description: Failure to ensure that all employees are thoroughly familiar with proper waste handling and emergency procedures, relevant to their

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAMONDDIESEL (Continued)

S121754722

Violation Notes: responsibilities during normal facility operations and emergencies. Returned to compliance on 09/07/2017. OBSERVATION: Specific training of hazardous waste handlers is not being conducted. CORRECTIVE ACTION: Training topics provided to generator. Specific training topics for hazardous waste handlers were explained to the generator. Provided training roster to ACDEH.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 25184
Site Name: DiamondDiesel
Violation Date: 07-18-2017
Citation: 22 CCR 18 66268.7(a) - California Code of Regulations, Title 22, Chapter 18, Section(s) 66268.7(a)

Violation Description: Failure to determine if the waste has to be treated before it can be land disposed and retain the documentation at least three years from the date that the waste was last sent to on-site or off-site treatment, storage, or disposal.

Violation Notes: Returned to compliance on 09/07/2017. OBSERVATION: Generator is unable to explain status of and and bead blast waste. CORRECTIVE ACTION: Provide hazardous waste characterization of sand and bead blast waste. Provide disposal records to ACDEH if characterization has been done and found to be hazardous.

Violation Division: Alameda County Environmental Health
Violation Program: HW
Violation Source: CERS

Site ID: 25184
Site Name: DiamondDiesel
Violation Date: 04-13-2017
Citation: HSC 6.95 25508(a)(1) - California Health and Safety Code, Chapter 6.95, Section(s) 25508(a)(1)

Violation Description: Failure to complete and electronically submit a business plan when storing/handling a hazardous material at or above reportable quantities.

Violation Notes: Returned to compliance on 04/25/2017.
Violation Division: Alameda County Environmental Health
Violation Program: HMRRP
Violation Source: CERS

Evaluation:
Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-18-2017
Violations Found: No
Eval Type: Routine done by local agency
Eval Notes: HAZARDOUS MATERIAL BUSINESS PLAN INSPECTION Diamond Diesel 2550 E 12th St Oakland, 94601 PR0519926 Hazardous Material Business Plan (HMBP) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on July 18, 2017. Consent to inspect was given by and the completed inspection report was reviewed with Robert Park, Controller. The business is a vehicle service repair. CERS chemical inventory: 70-gallon diesel fuel additive, 110-gallon calibration fluid, 55-gallon waste diesel fuel, 55-gallon kerosene Retail packaged products in reportable quantities are not required to be reported in the CERS chemical inventory. The last complete CERS submittal was dated April 25, 2017. A complete CERS submittal is due each year. Each

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAMONDDIESEL (Continued)

S121754722

year you must submit a complete CERS submittal (Facility Information, Site Map and Inventory, Emergency Response/Contingency Plan). Your next due date was April 2018. NO VIOLATIONS OBSERVED AT THE TIME OF [Truncated]

Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 04-13-2017
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP NOV LETTER/ADD VIOLATION
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Compliance Evaluation Inspection
Eval Date: 07-18-2017
Violations Found: Yes
Eval Type: Routine done by local agency
Eval Notes: HAZARDOUS WASTE GENERATOR INSPECTION DiamondDiesel 2550 E 12th St Oakland, 94601 EPA ID Number: CAD981571359 PR0519927 Hazardous Waste Generator (HWG) inspection conducted by Alameda County Department of Environmental Health (ACDEH) on July 13, 2017. Consent to inspect was given by and the completed inspection report was reviewed with Robert C. Park, Controller. The generator is a diesel engine remanufacturer. The generator is a small quantity generator. According to the Department of Toxic Substances Control the active EPA ID Number is CAD981571359. Typical hazardous waste generated: used oil, oily water. There is sand and bead blast waste from the detailing of metal parts. Waste characterization was not available for review. OBSERVATION: Specific training of hazardous waste handlers is not being conducted. CORRECTIVE ACTION: Training topics provided to generator. Specific training topics for hazardous waste handlers were explained to the [Truncated]

Eval Division: Alameda County Environmental Health
Eval Program: HW
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 03-21-2016
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: HMBP NOV LETTER
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Eval General Type: Other/Unknown
Eval Date: 10-09-2018
Violations Found: Yes
Eval Type: Other, not routine, done by local agency
Eval Notes: GENERATE NOV LTR/ADDING VIOLATION IN EC
Eval Division: Alameda County Environmental Health
Eval Program: HMRRP
Eval Source: CERS

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAMONDDIESEL (Continued)

S121754722

Enforcement Action:

Site ID: 25184
Site Name: DiamondDiesel
Site Address: 2550 E 12TH ST
Site City: OAKLAND
Site Zip: 94601
Enf Action Date: 03-23-2016
Enf Action Type: Notice of Violation (Unified Program)
Enf Action Description: Notice of Violation Issued by the Inspector at the Time of Inspection
Enf Action Notes: Not reported
Enf Action Division: Alameda County Environmental Health
Enf Action Program: HMRRP
Enf Action Source: CERS

Coordinates:

Site ID: 25184
Facility Name: DiamondDiesel
Env Int Type Code: HWG
Program ID: 10412554
Coord Name: Not reported
Ref Point Type Desc: Center of a facility or station.
Latitude: 37.780900
Longitude: -122.233440

Affiliation:

Affiliation Type Desc: Operator
Entity Name: Diamond Diesel Service, Inc.
Entity Title: Not reported
Affiliation Address: Not reported
Affiliation City: Not reported
Affiliation State: Not reported
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: (510) 532-8500

Affiliation Type Desc: Property Owner
Entity Name: Anna Moore & Emilie A Carroll
Entity Title: Not reported
Affiliation Address: 2550 E 12th St
Affiliation City: Oakland
Affiliation State: CA
Affiliation Country: United States
Affiliation Zip: 94601
Affiliation Phone: (541) 659-0441

Affiliation Type Desc: CUPA District
Entity Name: Alameda County Env Health
Entity Title: Not reported
Affiliation Address: 1131 Harbor Parkway, Suite 240
Affiliation City: Alameda
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: 94502-6577
Affiliation Phone: (510) 567-6700

Affiliation Type Desc: Document Preparer

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAMONDDIESEL (Continued)

S121754722

Entity Name:	Robert Park
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Facility Mailing Address
Entity Name:	Mailing Address
Entity Title:	Not reported
Affiliation Address:	2550 E 12th St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94601
Affiliation Phone:	Not reported
Affiliation Type Desc:	Identification Signer
Entity Name:	Robert Park
Entity Title:	Treasurer
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported
Affiliation Phone:	Not reported
Affiliation Type Desc:	Environmental Contact
Entity Name:	Robert C Park
Entity Title:	Not reported
Affiliation Address:	2550 E 12th St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	Not reported
Affiliation Zip:	94601
Affiliation Phone:	Not reported
Affiliation Type Desc:	Legal Owner
Entity Name:	Terrence D Moore
Entity Title:	Not reported
Affiliation Address:	2550 E 12th St
Affiliation City:	Oakland
Affiliation State:	CA
Affiliation Country:	United States
Affiliation Zip:	94601
Affiliation Phone:	(510) 715-9626
Affiliation Type Desc:	Parent Corporation
Entity Name:	DiamondDiesel
Entity Title:	Not reported
Affiliation Address:	Not reported
Affiliation City:	Not reported
Affiliation State:	Not reported
Affiliation Country:	Not reported
Affiliation Zip:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

DIAMONDDIESEL (Continued)

S121754722

Affiliation Phone: Not reported

E17
ESE
1/8-1/4
0.140 mi.
741 ft.

LISA JOHNSTON
1426 29TH AVENUE
OAKLAND, CA 94601

RCRA NonGen / NLR

1024777523
CAC002997465

Site 1 of 3 in cluster E

Relative:
Higher

RCRA NonGen / NLR:

Actual:
49 ft.

Date form received by agency: 01/21/2019
Facility name: LISA JOHNSTON
Facility address: 1426 29TH AVENUE
OAKLAND, CA 94601
EPA ID: CAC002997465
Contact: LISA JOHNSTON
Contact address: 1426 29TH AVENUE
OAKLAND, CA 94601
Contact country: Not reported
Contact telephone: 510-562-1179
Contact email: SHACARRAHENDERSON@ALLIANCE-ENVIRO.COM
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: LISA JOHNSTON
Owner/operator address: 1426 29TH AVENUE
OAKLAND, CA 94601
Owner/operator country: Not reported
Owner/operator telephone: 510-562-1179
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: LISA JOHNSTON
Owner/operator address: 1426 29TH AVENUE
OAKLAND, CA 94601
Owner/operator country: Not reported
Owner/operator telephone: 510-562-1179
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

LISA JOHNSTON (Continued)

1024777523

Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
Used oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Violation Status: No violations found

18
ESE
1/8-1/4
0.144 mi.
761 ft.

MIKE HEENEY
1510 29TH AVE
OAKLAND, CA 94601

RCRA NonGen / NLR 1024779781
CAC002999737

Relative:
Higher

RCRA NonGen / NLR:

Actual:
55 ft.

Date form received by agency: 02/05/2019
Facility name: MIKE HEENEY
Facility address: 1510 29TH AVE
OAKLAND, CA 94601
EPA ID: CAC002999737
Contact: MIKE HEENEY
Contact address: 1510 29TH AVE
OAKLAND, CA 94601
Contact country: Not reported
Contact telephone: 510-520-0868
Contact email: ELIZABETH.GARCIA@SYNERGYCOMPANIES.ORG
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: MIKE HEENEY
Owner/operator address: 1510 29TH AVE
OAKLAND, CA 94601
Owner/operator country: Not reported
Owner/operator telephone: 510-520-0868
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: MIKE HEENEY
Owner/operator address: 1510 29TH AVE
OAKLAND, CA 94601
Owner/operator country: Not reported
Owner/operator telephone: 510-520-0868
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

MIKE HEENEY (Continued)

1024779781

Legal status: Other
 Owner/Operator Type: Operator
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: No
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

F19
South
1/8-1/4
0.146 mi.
770 ft.

SAFE STORAGE
2615 E 12TH ST
OAKLAND, CA 94601
Site 1 of 2 in cluster F

MN MANIFEST S119125050
N/A

Relative:
Lower
Actual:
38 ft.

MANIFEST:
 Manifest ID: 665375
 Generator ID: CAR000010302
 Generator AI ID: 50329
 Transporter 1 ID: CAD076548635
 Transporter 1 AI ID: 45061
 Transporter 1 AI Name: High Voltage Transformer Serv
 Transporter 1 Address: 233 Viking Ave
 Transporter 1 City: Brea
 Transporter 1 State: CA
 Transporter 1 ZIP: 92821-3820
 Transporter 2 ID: Not reported
 Transporter 2 AI ID: Not reported
 Transporter 2 AI Name: Not reported
 Transporter 2 Address: Not reported
 Transporter 2 City: Not reported
 Transporter 2 State: Not reported
 Transporter 2 ZIP: Not reported
 TSD ID: MNR000000588
 TSD AI ID: 27514
 TSD AI Name: Luminaire Recyclers Inc - Saint Paul
 TSD Address: 2161 University Ave W Ste 206
 TSD City: Saint Paul
 TSD State: MN
 TSD Zip: 55114
 Gen Copy Recd Date: Not reported
 Fac Copy Recd Date: 2000-02-24 00:00:00
 Gen Ship Date: 2000-02-10 00:00:00

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFE STORAGE (Continued)

S119125050

Trans 1 Recd Date: 2000-02-10 00:00:00
Trans 2 Recd Date: Not reported
Tsd Recd Date: 2000-02-17 00:00:00
Comments: Not reported

Contact:
Generator AI ID: 50329
Generator ID: CAR000010302
Generator AI Name: Safe Storage
Generator Contact: Shawn Hunt
Contact Address: 2615 E 12th St
Contact City: Oakland
Contact State: CA
Contact Zip: 94601
Contact Email: Not reported
Contact Phone: 916-729-8889

Detail:
Manifest ID: 665375
Manifest Row: 1
Haz Material Name: RQ PCBS BALLASTS
Haz Class Number: 9
UN NA Number: UN2315
Packing Group Number: II
Container Qty: 4
Container Code: DMML
Waste Qty: 2000
Waste Units Code: AL
Waste Code List: MN03

20
ENE
1/8-1/4
0.154 mi.
815 ft.

SCOTT COMPANY OF CALIFORNIA
1618 28TH ST
OAKLAND, CA 94607

RCRA-SQG 1001815477
FINDS CAR000053561
ECHO
CA HAZNET

Relative:
Higher

RCRA-SQG:
Date form received by agency: 06/22/1999
Facility name: SCOTT COMPANY OF CALIFORNIA
Facility address: 1618 28TH ST
OAKLAND, CA 94607
EPA ID: CAR000053561
Mailing address: 1717 DOOLITTLE DR
SAN LEANDRO, CA 94577-0655
Contact: TERRY MCINTIRE
Contact address: 1717 DOOLITTLE DR
SAN LEANDRO, CA 94577-0655
Contact country: US
Contact telephone: 510-895-2333
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Actual:
63 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTT COMPANY OF CALIFORNIA (Continued)

1001815477

Owner/Operator Summary:

Owner/operator name: CE TOLAND AND SONS
Owner/operator address: 5300 INDUSTRIAL WAY
BENECIA, CA 94510
Owner/operator country: Not reported
Owner/operator telephone: 707-742-1000
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE WASTE

Violation Status: No violations found

FINDS:

Registry ID: 110002928592

Environmental Interest/Information System

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

[Click this hyperlink](#) while viewing on your computer to access additional FINDS: detail in the EDR Site Report.

ECHO:

Envid: 1001815477

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SCOTT COMPANY OF CALIFORNIA (Continued)

1001815477

Registry ID: 110002928592
DFR URL: <http://echo.epa.gov/detailed-facility-report?fid=110002928592>

HAZNET:

Name: SCOTT COMPANY OF CALIFORNIA
Address: 1618 28TH ST
City,State,Zip: OAKLAND, CA 946070000
Year: 1999
GEPID: CAR000053561
Contact: CE TOLAND AND SONS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1717 DOOLITTLE DR
Mailing City,St,Zip: SAN LEANDRO, CA 945770000
Gen County: Alameda
TSD EPA ID: CAT080022148
TSD County: San Bernardino
Tons: 0.075
CA Waste Code: 352-Other organic solids
Method: H01-Transfer Station
Facility County: 1

Name: SCOTT COMPANY OF CALIFORNIA
Address: 1618 28TH ST
City,State,Zip: OAKLAND, CA 946070000
Year: 1999
GEPID: CAR000053561
Contact: CE TOLAND AND SONS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1717 DOOLITTLE DR
Mailing City,St,Zip: SAN LEANDRO, CA 945770000
Gen County: Alameda
TSD EPA ID: CAT080022148
TSD County: San Bernardino
Tons: 0.099
CA Waste Code: 331-Off-specification, aged or surplus organics
Method: H01-Transfer Station
Facility County: 1

Name: SCOTT COMPANY OF CALIFORNIA
Address: 1618 28TH ST
City,State,Zip: OAKLAND, CA 946070000
Year: 1999
GEPID: CAR000053561
Contact: CE TOLAND AND SONS
Telephone: 0000000000
Mailing Name: Not reported
Mailing Address: 1717 DOOLITTLE DR
Mailing City,St,Zip: SAN LEANDRO, CA 945770000
Gen County: Alameda
TSD EPA ID: CAT080022148
TSD County: San Bernardino
Tons: 0.0208
CA Waste Code: 141-Off-specification, aged or surplus inorganics
Method: H01-Transfer Station
Facility County: 1

MAP FINDINGS

Map ID
Direction
Distance
Elevation

Site

Database(s)

EDR ID Number
EPA ID Number

F21
South
1/8-1/4
0.156 mi.
825 ft.

SAFE STORAGE USA
2783 EAST 12TH STREET
OAKLAND, CA 94601

CA CPS-SLIC
CA BROWNFIELDS
CA CERS

S117624738
N/A

Site 2 of 2 in cluster F

Relative:
Lower

CPS-SLIC:

Actual:
36 ft.

Name: SAFE STORAGE USA
Address: 2783 EAST 12TH STREET
City,State,Zip: OAKLAND, CA 94601
Region: STATE
Facility Status: Open - Site Assessment
Status Date: 08/09/2018
Global Id: T10000006483
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Lead Agency Case Number: Not reported
Latitude: 37.7781225616743
Longitude: -122.231135796295
Case Type: Cleanup Program Site
Case Worker: CSF
Local Agency: Not reported
RB Case Number: 01S0763
File Location: Regional Board
Potential Media Affected: Other Groundwater (uses other than drinking water), Soil, Soil Vapor, Under Investigation
Potential Contaminants of Concern: Tetrachloroethylene (PCE), Arsenic, Lead, Total Petroleum Hydrocarbons (TPH), Waste Oil / Motor / Hydraulic / Lubricating
Site History: Site contained a painting spray booth as late as 1991. TPH motor oil has been detected in groundwater; the suspected source is railroad tracks on the property. PCE has also been found in groundwater however a source of the PCE has not been confirmed. Off-site industrial operations are potential sources of on-site pollution.

[Click here to access the California GeoTracker records for this facility:](#)

BROWNFIELDS:

Name: SAFE STORAGE USA
Address: 2783 EAST 12TH STREET
City,State,Zip: OAKLAND, CA 94601
Global ID: T10000006483
Latitude: 37.778122562
Longitude: -122.2311358
Project Type: Cleanup Program Site
Status: Open - Site Assessment
Status Date: 08/09/2018
Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
Last Correspondence Date: 03/04/2019
Release Type: Surface Discharge, Unknown
Contaminant(s) of Concern: Tetrachloroethylene (PCE), Arsenic, Lead, Total Petroleum Hydrocarbons (TPH), Waste Oil / M
Media of Concern: Other Groundwater (uses other than drinking water), Soil, Soil Vapor, Under Investigation
Past Use(s) that Caused Contamination: MANUFACTURING - OTHER
Human Health Exposure Controlled: YES
Human Health Exposure Controlled Date: 01/10/2017
Groundwater Migration Controlled: YES
Groundwater Migration Controlled Date: 01/10/2017
Primary Caseworker Name: CECILIO FELIX
Primary Caseworker Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Primary Caseworker Phone Number: 510-622-2343

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SAFE STORAGE USA (Continued)

S117624738

Primary Caseworker Address: 1515 CLAY ST. SUITE 1400
Primary Caseworker Address: OAKLAND
Primary Caseworker Address: CA
Primary Caseworker Email: cecil.felix@waterboards.ca.gov

CERS:

Name: SAFE STORAGE USA
Address: 2783 EAST 12TH STREET
City,State,Zip: OAKLAND, CA 94601
Site ID: 275475
CERS ID: T10000006483
CERS Description: Cleanup Program Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: CECILIO FELIX - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 Clay St. Suite 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: 5106222343

E22
SE
1/8-1/4
0.167 mi.
880 ft.

NATIVE AMERICAN HEALTH CENTER
2950 INTERNATIONAL BLVD
OAKLAND, CA 94601

RCRA NonGen / NLR **1024854402**
CAL000415361

Site 2 of 3 in cluster E

Relative:
Higher
Actual:
48 ft.

RCRA NonGen / NLR:
Date form received by agency: 03/23/2016
Facility name: NATIVE AMERICAN HEALTH CENTER
Facility address: 2950 INTERNATIONAL BLVD
OAKLAND, CA 94601
EPA ID: CAL000415361
Mailing address: 3124 INTERNATIONAL BLVD
OAKLAND, CA 94601
Contact: DAWN LULUA
Contact address: 2950 INTERNATIONAL BLVD
OAKLAND, CA 94601
Contact country: Not reported
Contact telephone: 510-418-5297
Contact email: DAWN@NATIVEHEALTH.ORG
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: NATIVE AMERICAN HEALTH CENTER INC
Owner/operator address: 3124 INTERNATIONAL BLVD
OAKLAND, CA 94601
Owner/operator country: Not reported
Owner/operator telephone: 510-535-4471
Owner/operator email: Not reported
Owner/operator fax: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

NATIVE AMERICAN HEALTH CENTER (Continued)

1024854402

Owner/operator extension: Not reported
 Legal status: Other
 Owner/Operator Type: Owner
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Owner/operator name: DAWN LULUA
 Owner/operator address: 2950 INTERNATIONAL BLVD
 OAKLAND, CA 94601

Owner/operator country: Not reported
 Owner/operator telephone: 510-418-5297
 Owner/operator email: Not reported
 Owner/operator fax: Not reported
 Owner/operator extension: Not reported
 Legal status: Other
 Owner/Operator Type: Operator
 Owner/Op start date: Not reported
 Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
 Mixed waste (haz. and radioactive): No
 Recycler of hazardous waste: No
 Transporter of hazardous waste: Yes
 Treater, storer or disposer of HW: No
 Underground injection activity: No
 On-site burner exemption: No
 Furnace exemption: No
 Used oil fuel burner: No
 Used oil processor: No
 User oil refiner: No
 Used oil fuel marketer to burner: No
 Used oil Specification marketer: No
 Used oil transfer facility: No
 Used oil transporter: No

Violation Status: No violations found

G23
WNW
1/8-1/4
0.186 mi.
983 ft.

STANDARD BRANDS PAINT
2442 14TH ST E
OAKLAND, CA 94601
Site 1 of 4 in cluster G

CA LUST **S104396757**
CA HIST CORTESE **N/A**
CA CERS

Relative:
Lower
Actual:
40 ft.

LUST:
 Name: STANDARD BRANDS PAINT
 Address: 2442 14TH ST E
 City,State,Zip: OAKLAND, CA 94601
 Lead Agency: SAN FRANCISCO BAY RWQCB (REGION 2)
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101312
 Global Id: T0600101312
 Latitude: 37.795449
 Longitude: -122.235691
 Status: Completed - Case Closed
 Status Date: 11/08/1994
 Case Worker: UUU
 RB Case Number: 01-1421

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

STANDARD BRANDS PAINT (Continued)

S104396757

Local Agency: Not reported
File Location: Not reported
Local Case Number: 01-1421
Potential Media Affect: Other Groundwater (uses other than drinking water)
Potential Contaminants of Concern: Gasoline
Site History: Not reported

LUST:

Global Id: T0600101312
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600101312
Action Type: Other
Date: 12/01/1985
Action: Leak Stopped

Global Id: T0600101312
Action Type: Other
Date: 12/01/1985
Action: Leak Reported

Global Id: T0600101312
Action Type: Other
Date: 12/01/1985
Action: Leak Discovery

LUST:

Global Id: T0600101312
Status: Completed - Case Closed
Status Date: 11/08/1994

Global Id: T0600101312
Status: Open - Case Begin Date
Status Date: 12/01/1985

LUST REG 2:

Region: 2
Facility Id: 01-1421
Facility Status: Case Closed
Case Number: 01-1421
How Discovered: Tank Closure
Leak Cause: Structure Failure
Leak Source: Tank
Date Leak Confirmed: Not reported
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported
Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

STANDARD BRANDS PAINT (Continued)

S104396757

Pollution Remediation Plan Submitted: Not reported
 Date Remediation Action Underway: Not reported
 Date Post Remedial Action Monitoring Began: Not reported

HIST CORTESE:

edr_fname: STANDARD BRANDS PAINT
 edr_fadd1: 2442 14TH
 City,State,Zip: OAKLAND, CA 94601
 Region: CORTESE
 Facility County Code: 1
 Reg By: LTNKA
 Reg Id: 01-1421

CERS:

Name: STANDARD BRANDS PAINT
 Address: 2442 14TH ST E
 City,State,Zip: OAKLAND, CA 94601
 Site ID: 227497
 CERS ID: T0600101312
 CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
 Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
 Entity Title: Not reported
 Affiliation Address: 1515 CLAY ST SUITE 1400
 Affiliation City: OAKLAND
 Affiliation State: CA
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

E24
ESE
 1/8-1/4
 0.188 mi.
 991 ft.

ASPIRE ERES ACADEMY
2956 INTERNATIONAL BOULEVARD
OAKLAND, CA 94601

CA ENVIROSTOR
CA SCH
CA HAZNET
CA CERS

S118466272
N/A

Site 3 of 3 in cluster E

Relative:
Higher
Actual:
49 ft.

ENVIROSTOR:

Name: ASPIRE ERES ACADEMY
 Address: 2956 INTERNATIONAL BOULEVARD
 City,State,Zip: OAKLAND, CA 94601
 Facility ID: 60002285
 Status: Active
 Status Date: 12/15/2015
 Site Code: 204282
 Site Type: School Cleanup
 Site Type Detailed: School
 Acres: 0.88
 NPL: NO
 Regulatory Agencies: SMBRP
 Lead Agency: SMBRP
 Program Manager: Not reported
 Supervisor: Jose Salcedo
 Division Branch: Northern California Schools & Santa Susana
 Assembly: , 18

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ASPIRE ERES ACADEMY (Continued)

S118466272

Senate: , 09
Special Program: Not reported
Restricted Use: NO
Site Mgmt Req: NONE SPECIFIED
Funding: School District
Latitude: 37.77926
Longitude: -122.2276
APN: 025 072000100, 025 072000201, 025 072000702
Past Use: RESIDENTIAL AREA
Potential COC: Under Investigation Chlordane Endrin Lead Tetrachloroethylene (PCE
TPH-diesel TPH-gas TPH-MOTOR OIL Polychlorinated biphenyls (PCBs, see
IRIS
Confirmed COC: Under Investigation
Potential Description: OTH, SOIL, SV
Alias Name: 025 072000100
Alias Type: APN
Alias Name: 025 072000201
Alias Type: APN
Alias Name: 025 072000702
Alias Type: APN
Alias Name: 204282
Alias Type: Project Code (Site Code)
Alias Name: 60002285
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 09/06/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/08/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/31/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/09/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ASPIRE ERES ACADEMY (Continued)

S118466272

Completed Document Type: Phase 1
Completed Date: 01/06/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 01/21/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/04/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/25/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 11/03/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 12/19/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/28/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/24/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/24/2017
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ASPIRE ERES ACADEMY (Continued)

S118466272

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 08/11/2017
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2019
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

SCH:

Name: ASPIRE ERES ACADEMY
Address: 2956 INTERNATIONAL BOULEVARD
City,State,Zip: OAKLAND, CA 94601
Facility ID: 60002285
Site Type: School Cleanup
Site Type Detail: School
Site Mgmt. Req.: NONE SPECIFIED
Acres: 0.88
National Priorities List: NO
Cleanup Oversight Agencies: SMBRP
Lead Agency: SMBRP
Lead Agency Description: DTSC - Site Cleanup Program
Project Manager: Not reported
Supervisor: Jose Salcedo
Division Branch: Northern California Schools & Santa Susana
Site Code: 204282
Assembly: , 18
Senate: , 09
Special Program Status: Not reported
Status: Active
Status Date: 12/15/2015
Restricted Use: NO
Funding: School District
Latitude: 37.77926
Longitude: -122.2276
APN: 025 072000100, 025 072000201, 025 072000702
Past Use: RESIDENTIAL AREA
Potential COC: Under Investigation, Chlordane, Endrin, Lead, Tetrachloroethylene (PCE, TPH-diesel, TPH-gas, TPH-MOTOR OIL, Polychlorinated biphenyls (PCBs, see IRIS

Confirmed COC: Under Investigation
Potential Description: OTH, SOIL, SV
Alias Name: 025 072000100
Alias Type: APN
Alias Name: 025 072000201
Alias Type: APN
Alias Name: 025 072000702
Alias Type: APN
Alias Name: 204282

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ASPIRE ERES ACADEMY (Continued)

S118466272

Alias Type: Project Code (Site Code)
Alias Name: 60002285
Alias Type: Envirostor ID Number

Completed Info:

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: School Cleanup Agreement
Completed Date: 09/06/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement
Completed Date: 02/08/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/31/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: CEQA - Notice of Exemption
Completed Date: 06/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Correspondence
Completed Date: 05/09/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Phase 1
Completed Date: 01/06/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Environmental Oversight Agreement Application
Completed Date: 01/21/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Workplan
Completed Date: 05/04/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Preliminary Endangerment Assessment Report
Completed Date: 10/25/2016
Comments: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ASPIRE ERES ACADEMY (Continued)

S118466272

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Removal Action Workplan
Completed Date: 06/30/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 11/03/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Community Profile
Completed Date: 12/19/2016
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Other Report
Completed Date: 03/28/2018
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Fact Sheets
Completed Date: 04/24/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Public Notice
Completed Date: 04/24/2017
Comments: Not reported

Completed Area Name: PROJECT WIDE
Completed Sub Area Name: Not reported
Completed Document Type: Work Notice
Completed Date: 08/11/2017
Comments: Not reported

Future Area Name: PROJECT WIDE
Future Sub Area Name: Not reported
Future Document Type: Removal Action Completion Report
Future Due Date: 2019
Schedule Area Name: Not reported
Schedule Sub Area Name: Not reported
Schedule Document Type: Not reported
Schedule Due Date: Not reported
Schedule Revised Date: Not reported

HAZNET:

Name: PACIFIC WEST COMMUNITIES
Address: 2956 INTERNATIONAL BOULEVARD
City,State,Zip: OAKLAND, CA 94606
Year: 2017

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

ASPIRE ERES ACADEMY (Continued)

S118466272

GEPaid: CAC002935999
 Contact: CHRIS GRANT
 Telephone: 2084610022
 Mailing Name: Not reported
 Mailing Address: 430 E STATE STREET, SUIT 100
 Mailing City,St,Zip: EAGLE, ID 83616
 Gen County: Alameda
 TSD EPA ID: CAT000646117
 TSD County: Kings
 Tons: 329.94
 CA Waste Code: 611-Contaminated soil from site clean-up
 Method: H132-Landfill Or Surface Impoundment That Will Be Closed As Landfill(
 To Include On-Site Treatment And/Or Stabilization)
 Facility County: Alameda

CERS:

Name: ASPIRE ERES ACADEMY
 Address: 2956 INTERNATIONAL BOULEVARD
 City,State,Zip: OAKLAND, CA 94601
 Site ID: 361963
 CERS ID: 60002285
 CERS Description: School Cleanup

Affiliation:

Affiliation Type Desc: Lead Project Manager
 Entity Name: Craig Sanchez
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

Affiliation Type Desc: Supervisor
 Entity Name: JOSE SALCEDO
 Entity Title: Not reported
 Affiliation Address: Not reported
 Affiliation City: Not reported
 Affiliation State: Not reported
 Affiliation Country: Not reported
 Affiliation Zip: Not reported
 Affiliation Phone: Not reported

25
 SSE
 1/8-1/4
 0.188 mi.
 992 ft.

GOODWILL INDUSTRIES
1301 30TH
OAKLAND, CA 94601

CA LUST
CA Alameda County CS
CA HIST CORTESE
CA CERS

S105025314
N/A

Relative:
Lower
Actual:
43 ft.

LUST:
 Name: GOODWILL INDUSTRIES
 Address: 1301 30TH
 City,State,Zip: OAKLAND, CA 94601
 Lead Agency: ALAMEDA COUNTY LOP
 Case Type: LUST Cleanup Site
 Geo Track: http://geotracker.waterboards.ca.gov/profile_report.asp?global_id=T0600101959

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOODWILL INDUSTRIES (Continued)

S105025314

Global Id: T0600101959
Latitude: 37.778466
Longitude: -122.229122
Status: Completed - Case Closed
Status Date: 02/07/1996
Case Worker: Not reported
RB Case Number: 01-2133
Local Agency: Not reported
File Location: All Files are on GeoTracker or in the Local Agency Database
Local Case Number: RO0000762
Potential Media Affect: Soil
Potential Contaminants of Concern: Waste Oil / Motor / Hydraulic / Lubricating
Site History: Not reported

LUST:

Global Id: T0600101959
Contact Type: Regional Board Caseworker
Contact Name: Regional Water Board
Organization Name: SAN FRANCISCO BAY RWQCB (REGION 2)
Address: 1515 CLAY ST SUITE 1400
City: OAKLAND
Email: Not reported
Phone Number: Not reported

LUST:

Global Id: T0600101959
Action Type: Other
Date: 07/14/1995
Action: Leak Reported

Global Id: T0600101959
Action Type: REMEDIATION
Date: 09/09/9999
Action: Excavation

LUST:

Global Id: T0600101959
Status: Completed - Case Closed
Status Date: 02/07/1996

Global Id: T0600101959
Status: Open - Case Begin Date
Status Date: 07/14/1995

LUST REG 2:

Region: 2
Facility Id: 01-2133
Facility Status: Case Closed
Case Number: 5551
How Discovered: Tank Closure
Leak Cause: UNK
Leak Source: UNK
Date Leak Confirmed: 1/26/1996
Oversight Program: LUST
Prelim. Site Assessment Workplan Submitted: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GOODWILL INDUSTRIES (Continued)

S105025314

Preliminary Site Assessment Began: Not reported
Pollution Characterization Began: Not reported
Pollution Remediation Plan Submitted: Not reported
Date Remediation Action Underway: Not reported
Date Post Remedial Action Monitoring Began: Not reported

Alameda County CS:

Name: GOODWILL INDUSTRIES
Address: 1301 30TH AVE
City,State,Zip: OAKLAND, CA 94601
Status: Case Closed
Record Id: RO0000762
PE: 5602
Facility Status: Case Closed
Latitude: 37.77875248
Longitude: -122.22824216

HIST CORTESE:

edr_fname: GOODWILL INDUSTRIES
edr_fadd1: 1301 THIRTHIETH
City,State,Zip: OAKLAND, CA 94601
Region: CORTESE
Facility County Code: 1
Reg By: LTNKA
Reg Id: 01-2133

CERS:

Name: GOODWILL INDUSTRIES
Address: 1301 30TH
City,State,Zip: OAKLAND, CA 94601
Site ID: 234934
CERS ID: T0600101959
CERS Description: Leaking Underground Storage Tank Cleanup Site

Affiliation:

Affiliation Type Desc: Regional Board Caseworker
Entity Name: Regional Water Board - SAN FRANCISCO BAY RWQCB (REGION 2)
Entity Title: Not reported
Affiliation Address: 1515 CLAY ST SUITE 1400
Affiliation City: OAKLAND
Affiliation State: CA
Affiliation Country: Not reported
Affiliation Zip: Not reported
Affiliation Phone: Not reported

H26
West
1/8-1/4
0.188 mi.
994 ft.

OAKLAND HOUSING AUTHORITY
1180 25TH AVE
OAKLAND, CA 94601

RCRA NonGen / NLR **1024766384**
CAC002986253

Site 1 of 2 in cluster H

Relative:
Lower

RCRA NonGen / NLR:
Date form received by agency: 10/24/2018
Facility name: OAKLAND HOUSING AUTHORITY
Facility address: 1180 25TH AVE
OAKLAND, CA 94601

Actual:
28 ft.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND HOUSING AUTHORITY (Continued)

1024766384

EPA ID: CAC002986253
Mailing address: 2961 GEORGIA STREET
OAKLAND, CA 94601
Contact: ERWIN BLANCAFLOR
Contact address: 1180 25TH AVE
OAKLAND, CA 94601
Contact country: Not reported
Contact telephone: 510-535-3173
Contact email: EBLANCAFLOR@OAKHA.ORG
EPA Region: 09
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: OAKLAND HOUSING AUTHORITY
Owner/operator address: 1180 25TH AVE
OAKLAND, CA 94601
Owner/operator country: Not reported
Owner/operator telephone: 510-535-3100
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: ERWIN BLANCAFLOR
Owner/operator address: 1180 25TH AVE
OAKLAND, CA 94601
Owner/operator country: Not reported
Owner/operator telephone: 510-535-3173
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Other
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Map ID
 Direction
 Distance
 Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
 EPA ID Number

OAKLAND HOUSING AUTHORITY (Continued)

1024766384

Violation Status: No violations found

H27
West
1/8-1/4
0.188 mi.
994 ft.

OAKLAND CITY OF HOUSING AUTHORITY
1180 25TH AVENUE
OAKLAND, CA 94601
Site 2 of 2 in cluster H

SEMS-ARCHIVE 1000277302
RCRA-SQG CA7860090045
ICIS
FINDS
ECHO

Relative:
Lower
Actual:
28 ft.

SEMS Archive:
 Site ID: 0903434
 EPA ID: CA7860090045
 Cong District: 08
 FIPS Code: 06001
 FF: N
 NPL: Not on the NPL
 Non NPL Status: NFRAP-Site does not qualify for the NPL based on existing information

SEMS Archive Detail:

Region: 09
 Site ID: 0903434
 EPA ID: CA7860090045
 Site Name: OAKLAND CITY OF, HOUSING AUTHORITY
 NPL: N
 FF: N
 OU: 00
 Action Code: VS
 Action Name: ARCH SITE
 SEQ: 1
 Start Date: Not reported
 Finish Date: 1994-06-21 04:00:00
 Qual: Not reported
 Current Action Lead: EPA Perf In-Hse

Region: 09
 Site ID: 0903434
 EPA ID: CA7860090045
 Site Name: OAKLAND CITY OF, HOUSING AUTHORITY
 NPL: N
 FF: N
 OU: 00
 Action Code: DS
 Action Name: DISCVRY
 SEQ: 1
 Start Date: 1988-05-01 04:00:00
 Finish Date: 1988-05-01 04:00:00
 Qual: Not reported
 Current Action Lead: EPA Perf

Region: 09
 Site ID: 0903434
 EPA ID: CA7860090045
 Site Name: OAKLAND CITY OF, HOUSING AUTHORITY
 NPL: N
 FF: N
 OU: 00
 Action Code: PA
 Action Name: PA
 SEQ: 1
 Start Date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND CITY OF HOUSING AUTHORITY (Continued)

1000277302

Finish Date: 1994-06-21 04:00:00
Qual: N
Current Action Lead: EPA Perf

RCRA-SQG:

Date form received by agency: 09/01/1996
Facility name: USHUD OAKLAND CITY OF HOUSING AUTHORITY
Facility address: 1180 25TH AVENUE
OAKLAND, CA 94601
EPA ID: CA7860090045
Mailing address: 1619 HARRISON ST
OAKLAND, CA 94612
Contact: Not reported
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: Not reported
Contact email: Not reported
EPA Region: 09
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:

Owner/operator name: HOUSING AUTHORITY OF THE CITY-OAKLAND CA
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Owner
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Owner/operator name: NOT REQUIRED
Owner/operator address: NOT REQUIRED
NOT REQUIRED, ME 99999
Owner/operator country: Not reported
Owner/operator telephone: 415-555-1212
Owner/operator email: Not reported
Owner/operator fax: Not reported
Owner/operator extension: Not reported
Legal status: Federal
Owner/Operator Type: Operator
Owner/Op start date: Not reported
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND CITY OF HOUSING AUTHORITY (Continued)

1000277302

Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 04/16/1981
Site name: USHUD OAKLAND CITY OF HOUSING AUTHORITY
Classification: Large Quantity Generator

Violation Status: No violations found

ICIS:

Enforcement Action ID: 09-2011-1504
FRS ID: 110002625767
Action Name: EBMUD Satellite Stip Order
Facility Name: US HUD OAKLAND CITY OF HOUSING AUTHORITY
Facility Address: 1180 25TH AVENUE
OAKLAND, CA 94601
Enforcement Action Type: Civil Judicial Action
Facility County: ALAMEDA
Program System Acronym: ICIS
Enforcement Action Forum Desc: Judicial
EA Type Code: CIV
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.780688
Longitude in Decimal Degrees: -122.23453
Permit Type Desc: Not reported
Program System Acronym: 1800043604
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Enforcement Action ID: 09-2010-1561
FRS ID: 110002625767
Action Name: City of Oakland
Facility Name: US HUD OAKLAND CITY OF HOUSING AUTHORITY
Facility Address: 1180 25TH AVENUE
OAKLAND, CA 94601

Enforcement Action Type: CWA 309A AO For Compliance
Facility County: ALAMEDA
Program System Acronym: ICIS
Enforcement Action Forum Desc: Administrative - Formal
EA Type Code: 309A
Facility SIC Code: Not reported
Federal Facility ID: Not reported
Latitude in Decimal Degrees: 37.780688

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND CITY OF HOUSING AUTHORITY (Continued)

1000277302

Longitude in Decimal Degrees: -122.23453
Permit Type Desc: Not reported
Program System Acronym: 1800043604
Facility NAICS Code: Not reported
Tribal Land Code: Not reported

Facility Name: US HUD OAKLAND CITY OF HOUSING AUTHORITY
Address: 1180 25TH AVENUE
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: 4952

Facility Name: US HUD OAKLAND CITY OF HOUSING AUTHORITY
Address: 1180 25TH AVENUE
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: US HUD OAKLAND CITY OF HOUSING AUTHORITY
Address: 1180 25TH AVENUE
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: 4952

Facility Name: US HUD OAKLAND CITY OF HOUSING AUTHORITY
Address: 1180 25TH AVENUE
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: US HUD OAKLAND CITY OF HOUSING AUTHORITY
Address: 1180 25TH AVENUE
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: 4952

Facility Name: US HUD OAKLAND CITY OF HOUSING AUTHORITY
Address: 1180 25TH AVENUE
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: US HUD OAKLAND CITY OF HOUSING AUTHORITY
Address: 1180 25TH AVENUE
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: 4952

Facility Name: US HUD OAKLAND CITY OF HOUSING AUTHORITY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

OAKLAND CITY OF HOUSING AUTHORITY (Continued)

1000277302

Address: 1180 25TH AVENUE
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

Facility Name: US HUD OAKLAND CITY OF HOUSING AUTHORITY
Address: 1180 25TH AVENUE
Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: 4952

Facility Name: US HUD OAKLAND CITY OF HOUSING AUTHORITY
Address: 1180 25TH AVENUE
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Fed Facility: Yes
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NAIC Code: Not reported
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Tribal Indicator: N
Fed Facility: Yes
NAIC Code: Not reported
SIC Code: Not reported

FINDS:

Registry ID: 110002625767

Environmental Interest/Information System

California Hazardous Waste Tracking System - Datamart (HWTS-DATAMART) provides California with information on hazardous waste shipments for generators, transporters, and treatment, storage, and disposal facilities.

RCRAInfo is a national information system that supports the Resource Conservation and Recovery Act (RCRA) program through the tracking of events and activities related to facilities that generate, transport, and treat, store, or dispose of hazardous waste. RCRAInfo allows RCRA program staff to track the notification, permit, compliance, and corrective action activities required under RCRA.

ICIS (Integrated Compliance Information System) is the Integrated Compliance Information System and provides a database that, when complete, will contain integrated Enforcement and Compliance information across most of EPA's programs. The vision for ICIS is to replace EPA's independent databases that contain Enforcement data with a single repository for that information. Currently, ICIS contains all