

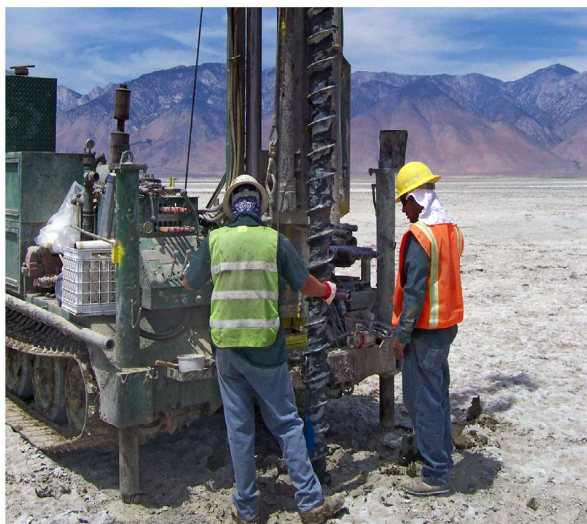
Phase II

Environmental Site Assessment Report

The Improvements of East 14th Street from
162nd Avenue to 172nd Avenue
Job Number: R32112

Alameda County Public Works Agency
399 Elmhurst Street | Hayward, California

July 19, 2019 | Project No. 402322032



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

July 19, 2019
Project No. 402322032

Ms. Amber Lo
Alameda County Public Works Agency
399 Elmhurst Street
Hayward, California

Subject: Phase II Environmental Site Assessment Report
The Improvements of East 14th Street from 162nd Avenue to 172nd Avenue
Job Number: R32112

Dear Ms. Lo:

In accordance with your request, Ninyo & Moore has prepared this Phase II Environmental Site Assessment (ESA) Report for the Alameda County Public Works Agency, relating to the project area along East 14th Street from 162nd Avenue to 172nd Avenue in Ashland, California. This ESA was conducted based on our Proposal for a Phase II Environmental Site Assessment dated June 27, 2019.

Please contact us at (510) 343-3000 should you have any questions regarding this report.

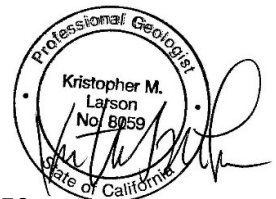
Respectfully submitted,
NINYO & MOORE



Helen Hild
Project Geologist



Kris M. Larson, PG 8059
Principal Environmental Geologist



HEH/KML/gvr

Distribution: (1) Addressee (via e-mail)

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A – Boring Permit

B – Laboratory Analytical Report

1 INTRODUCTION

Ninyo & Moore was retained by the Alameda County Public Works Agency (ACPWA) to conduct a Phase II Environmental Site Assessment (Phase II ESA) for the East 14th Street Road Improvement Project along East 14th Street from approximately 162nd Avenue to 172nd Avenue in Ashland, California (Site, Figure 1). This Phase II ESA was conducted in accordance with our proposal for a Phase II Environmental Site Assessment dated June 27, 2019 (Proposal).

1.1 Site Description

The Site is located along East 14th Street, bounded by 162nd Avenue to 172nd Avenue, in Ashland, California (Figure 2). The ACPWA will be conducting road improvement work at the Site, which includes sidewalk, road, crosswalk and center median replacement; below ground utility replacements; and the installation of bike lanes and bioswales. Ninyo & Moore calculated up to 2,000 cubic yards of soil will be excavated during these improvement activities. To classify the soil for disposal, Ninyo & Moore recommended the advancement of six borings (B1 through B6) to a maximum depth of 5 feet below ground surface (bgs) in the sidewalk, street and median of East 14th Street in our Proposal.

1.2 Geology/Hydrogeology

Based on our Phase II ESA conducted at the Site, the subsurface is composed of heterogeneous fill to approximately 2 feet bgs, and is underlain by primarily sandy silt to poorly-graded sand to a total explored depth of 5 feet bgs. Groundwater was not encountered during this investigation.

2 PRE-FIELD ACTIVITIES

The following activities were performed prior to initiating the Phase II ESA activities.

2.1 Review of Historical Environmental Test Results

The ACPWA provided Ninyo & Moore with Cal Engineering & Geology's (CE&G's) Geotechnical Data Report, summarizing work that was conducted at the Site in July 2018. CE&G conducted coring and deflection testing at 16 locations and collected 8 environmental soil samples along the proposed storm drain location on the eastern side of East 14th Street (CE&G, 2019). A review of the environmental samples was not provided in CE&G's report. Ninyo & Moore tabulated these sample analytical results (Table 1 and 2), and the results were within non-hazardous waste criteria per California Code of Regulation Title 22 waste classification guidelines (CCR Title 22).

Ninyo & Moore reviewed the State's Geotracker website to determine if any current or former environmental cases were located in the vicinity of the Site. Ninyo & Moore identified six closed leaking underground storage tank (LUST) cases, one closed cleanup program site, and one open cleanup program site. Boring B2 was advanced in the vicinity of the 16301 and 16335 East 14th Street former LUST cases, and boring B5 was placed across the street from the 16690 East 14th Street former LUST case.

2.2 Health and Safety Plan

Ninyo & Moore prepared a site-specific health and safety plan (SSHSP) for the Site prior to mobilization, which was reviewed with field personnel prior to the start of each day of field work. Field personnel signed the acknowledgement form attached to the SSHSP, indicating they understood and would abide by its provisions.

2.3 Utility Location

As required by California law, Ninyo & Moore notified Underground Service Alert (USA) at least 48 hours prior to conducting any ground disturbance activities. Ninyo & Moore personnel marked out the vicinity of the boring locations in white paint and notified USA of the proposed drilling, including location and date. Due to the presence of several subsurface utilities observed along the sidewalks and roadway of East 14th Street, Ninyo & Moore marked out seven proposed boring locations as a contingency.

Ninyo & Moore retained Pacific Coast Locators (PCL) of San Leandro, California to scan the vicinity of seven boring locations (B1 through B7) for the presence of subsurface utilities. On July 2, 2019, PCL verified the underground utility markings made by USA and identified the locations of additional utilities that may not have been previously marked. Additionally, Ninyo & Moore reviewed right of way and as-built diagrams provided by ACPWA. No conflicts were encountered with six of the proposed boring locations (B2 through B7).

2.4 Permitting

Ninyo & Moore obtained permit W2019-0500 from the ACPWA on July 2, 2019, for the six borings, which is provided in Appendix A.

3 FIELD ACTIVITIES

The following section provides a summary of the field activities performed during the Phase II ESA.

3.1 Boring Advancement

Cascade Drilling of Richmond, California (C-57 License No. 938110) advanced six soil borings (B2 through B7) on July 3, 2019. Boring B1 was not advanced, due to utility conflicts. The six borings were cored with a 6-inch concrete corer and advanced with a 2.25-inch hand auger to the following depths:

- Borings B2, B3, B4 and B7 were advanced to 3 feet bgs and
- Borings B5 and B6 were advanced to 3 feet bgs.

3.1.1 Soil Sampling

One soil sample was collected from each soil boring and transferred into a 16-ounce glass container, placed in a cooler on ice and transported under chain-of-custody (COC) documentation to Torrent Laboratories Inc. (Torrent) in Milpitas, California, a California-certified analytical laboratory. Soil samples were analyzed for the following:

- Total petroleum hydrocarbons (TPH) as diesel (TPHd) and motor oil (TPHmo) using United States Environmental Protection Agency (USEPA) Method 8015B,
- TPH as gasoline (TPHg) and volatile organic compounds (VOCs) using USEPA Method 8260B.
- Organochlorine pesticides (OCPs) using USEPA Method 8081B,
- Polychlorinated biphenyls (PCBs) using USEPA Method 8082A,
- Semi-volatile organic compounds (SVOCs) using USEPA Method 8270C,
- Title 22 Metals using USEPA Method 6010B and 7471B,
- Hexavalent chromium using USEPA Method 7199, and
- Asbestos using California Air Resources Board (CARB) Method 435A.

3.1.2 Investigation-Derived Waste

Investigation-derived waste (IDW) generated from the Phase II ESA included soil cuttings and construction debris. The IDW was stored in a 55-gallon drum, which was labelled and placed in a secure location on Alameda Flood Control District property pending waste profiling and proper off-Site disposal. The IDW is characterized as non-hazardous waste. The drum is scheduled to be removed on July 24, 2019. A copy of the laboratory report used to characterize the waste is included in Appendix B. Ninyo & Moore will forward the final waste manifest to the ACPWA upon receipt.

4 ANALYTICAL RESULTS

Analytical results are summarized and compared to the San Francisco Bay Regional Water Quality Control Board's (RWQCB's) 2019 Tier 1 and Construction Worker Environmental Screening Levels (ESLs) (RWQCB ESLs, 2019) on Tables 1 and 2. The laboratory analytical report is provided in Appendix B, and the results are discussed below:

4.1 TPHs

TPHd and TPHmo were detected in sample B7-2.0 at concentrations of 5.12 milligrams per kilogram (mg/kg) and 48.3 mg/kg, respectively. These concentrations do not exceed their respective Tier 1 ESLs of 260 mg/kg and 1,600 mg/kg. TPHd and TPHmo were not detected in the other five samples, and no TPHg was detected above the practical quantitative limit (PQL) in the six samples.

4.2 OCPs

One concentration of 4,4-DDT was detected in sample B7-2.0, at 1.5 micrograms per kilogram ($\mu\text{g/kg}$), which exceeds its Tier 1 ESL of 1.1 $\mu\text{g/kg}$, but does not exceed the Construction Worker ESL of 57,000 $\mu\text{g/kg}$.

No other OCPs were detected above their respective PQLs during this Phase II ESA.

4.3 Title 22 Metals and Hexavalent Chromium

4.3.1 Total Metals Results

Concentrations of nine metals (arsenic, barium, chromium, cobalt, copper, lead, nickel, vanadium and zinc) were detected above their respective PQLs in the six samples. No hexavalent chromium was detected in the soil samples collected during this investigation. Concentrations of Title 22 Metals and hexavalent chromium were compared to the Tier 1 ESLs, Construction Worker ESLs and CCR Title 22 and Code of Federal Regulations (CFR) waste classification criteria. Concentrations of arsenic have been compared to the established background concentration in the Bay Area of 11 mg/kg (Duverge, 2011), which has been accepted by the RWQCB.

- Arsenic was detected at concentrations ranging from 3.04 mg/kg to 5.38 mg/kg in the six samples. These concentrations are below the background concentration of 11 mg/kg of arsenic in the Bay Area.

- Chromium was detected at concentrations ranging from 23.0 mg/kg to 206 mg/kg in the six samples. One concentration, 206 mg/kg in sample B7-2.0, exceeds the Tier 1 ESL of 160 mg/kg. There is no established Construction Worker ESL for total chromium.
- Cobalt was detected at concentrations ranging from 6.18 mg/kg to 28.6 mg/kg in the six samples. One concentration, 28.6 mg/kg in sample B7-2.0, exceeds the Tier 1 ESL of 23 mg/kg and the Construction Worker ESL of 28 mg/kg.
- Lead was detected at concentrations ranging from 3.52 mg/kg to 40.7 mg/kg. One concentration, 40.7 mg/kg in sample B2-3.0, exceeds the Tier 1 ESL of 32 mg/kg, but does not exceed the Construction Worker ESL of 160 mg/kg.
- Nickel was detected at concentrations ranging from 24.4 mg/kg to 186 mg/kg in the six samples. One concentration, 186 mg/kg in sample B7-2.0, exceeds the Tier 1 and Construction Worker ESL of 86 mg/kg.
- Vanadium was detected at concentrations ranging from 22.6 mg/kg to 36.4 mg/kg, in the six samples. These concentrations exceed the Tier 1 ESL of 18 mg/kg; however, the concentrations do not exceed the Construction Worker ESL of 470 mg/kg.
- Barium, copper and zinc detections did not exceed Tier 1 or Construction Worker ESLs.

4.3.2 Metals Leachability Results

Based on the total metals concentrations, leachability analyses were required for some samples to classify the soils for disposal. One concentration of chromium, 206 mg/kg in sample B7-2.0, exceeds the trigger levels of 10 times the CCR Title 22 soluble threshold limit concentration (STLC) of 5.0 milligrams per liter (mg/L) and 20 times the CFR toxicity characteristic leaching procedure (TCLP) of 5.0 mg/L. STLC and TCLP waste extraction tests (WETs) were conducted on the sample, and both results are below the chromium STLC and TCLP criteria of 5.0 mg/L. Thus, the soil is classified as non-hazardous for disposal.

4.4 Asbestos, PCBs, VOCs and SVOCs

No asbestos, PCBs, VOCs or SVOCs were detected above their PQLs during this investigation.

5 CONCLUSIONS

Concentrations of 4,4-DDT, total chromium, cobalt, lead, nickel and vanadium exceed their respective Tier 1 ESLs, and concentrations of cobalt and nickel in one sample, B7-2.0, exceed their respective Construction Worker ESLs. A health and safety plan should be prepared for the East 14th Street Road Improvement project to protect worker safety for the excavations in the vicinity of boring location B7. No additional training will be required for Site workers.

Analytical results collected during this sampling event appear consistent with the concentrations observed in the samples collected by CE&G in July 2018.

The chromium concentration in sample B7-2.0 required additional leachability testing, and the resulting STLC and TCLP results are below CCR Title 22 and CFR waste characterization limits. Based on these results, and the other results from this Phase II ESA and data collected by CE&G during 2018, the soil along the alignment should be acceptable for disposal at a Class II non-hazardous waste landfill.

6 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 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.

7 REFERENCES

Cal Engineering & Geology (CE&G), 2019. *Geotechnical Data Report, Alameda County Public Works Agency, East 14th Street Improvements, Between 162nd Avenue and 172nd Avenue, Unincorporated San Leandro, California*. February 13.

California Code of Regulations (CCR), Title 22, Division 4.5, Chapter 11, Article 3. Section 66261.24.

Code of Federal Regulations (CFR), Part 40, Title 261.

Duverge, 2011. *Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region*.

San Francisco Bay Regional Water Quality Control Board Environmental Screening Levels, January 2019.



TABLES

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

Sample ID	Depth (feet bgs)	Date Collected	TPHmo	TPHd	TPHg	4,4-DDT	Other OCPs	PCBs, VOCs, and SVOCs
			(mg/kg)			(µg/kg)		
CE&G Analytical Results								
B-1	8.0	07/10/18	120	8.0	ND<1.0	--	--	ND
B-2	8.0	07/10/18	17	ND<1.0	ND<1.0	--	--	ND
B-4	8.0	07/10/18	7.5	ND<1.0	ND<1.0	--	--	ND
B-5	8.0	07/10/18	23	3.3	ND<1.0	--	--	ND
B-7	8.0	07/10/18	6.7	ND<1.0	ND<1.0	--	--	ND
B-8	8.0	07/10/18	170	6.3	ND<1.0	--	--	ND
B-9	8.0	07/10/18	8.0	1.4	ND<1.0	--	--	ND
B-10	8.0	07/10/18	520	65	11	--	--	ND
N&M Analytical Results								
B2-3.0	3.0	07/03/19	ND<10	ND<2.0	ND<0.10	ND<6.0	ND	ND
B3-3.0	3.0	07/03/19	ND<10	ND<2.0	ND<0.10	ND<2.0	ND	ND
B4-3.0	3.0	07/03/19	ND<10	ND<2.0	ND<0.10	ND<2.0	ND	ND
B5-5.0	5.0	07/03/19	ND<10	ND<2.0	ND<0.10	ND<2.0	ND	ND
B6-5.0	5.0	07/03/19	ND<10	ND<2.0	ND<0.10	ND<2.0	ND	ND
B7-2.0	2.0	07/03/19	48.3	5.12	ND<0.10	1.5 J	ND	ND
Screening Levels								
Tier 1 ESLs ¹			1,600	260	100	1.1	Various	Various
Construction Worker ESLs ²			54,000	1,100	1,800	57,000	Various	Various

Notes:

TPH - Total Petroleum Hydrocarbons

TPHd - TPH as Diesel, Analyzed by United States Environmental Protection Agency (USEPA) Method 8015B

TPHmo - TPH as Motor Oil, Analyzed by USEPA Method 8015B

TPHg - TPH as Gasoline Analyzed by USEPA Method 8260B (N&M Analytical Results), 8021B/8015Bm (CE&G Analytical Results)

OCPs - Organochlorine Pesticides Analyzed by USEPA Method 8081B

PCBs- Polychlorinated Biphenyls Analyzed by USEPA 8082A

SVOCs - Semivolatile Organic Compounds Analyzed by USEPA Method 8270C

VOCs - Volatile Organic Compounds Analyzed by USEPA Method 8260B

bgs – Below Ground Surface

J - Indicates a Value between the Method Detection Limit and Practical Quantitation Limits, Value Reported is Considered Estimated

mg/kg – Milligrams per Kilogram

µg/kg - Micrograms per Kilogram

ND<X – Analyte Not Detected at or Above the Practical Quantitation Limit or Reporting Limit X

ND - Not Detected

-- Not Analyzed

1. San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs), Dated January, 2019 (Rev.1)

2. RWQCB Construction Worker ESLs, dated January 2019 (Rev.1). Most Conservative Value Has Been Tabulated

Bold Indicates concentration exceeds screening level

Table 2 – Soil Analytical Results - Title 22 Metals, Hexavalent Chromium and Asbestos

Sample ID	Depth (feet bgs)	Date Collected	Arsenic	Barium	Chromium	STLC Chromium	TCLP Chromium	Hexavalent Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Vanadium	Zinc	Other Metals	Asbestos
			(mg/kg)			(mg/L)		(µg/kg)										
CE&G Analytical Results																		
B-1	8.0	07/10/18	4.3	120	35	--	--	--	8.1	17	5.1	ND<0.050	ND<0.50	37	32	35	ND	--
B-2	8.0	07/10/18	5.2	150	37	--	--	--	8.9	18	6.3	ND<0.050	ND<0.50	41	35	39	ND	--
B-4	8.0	07/10/18	4.0	110	31	--	--	--	7.7	13	4.6	0.051	ND<0.50	35	29	33	ND	--
B-5	8.0	07/10/18	4.7	110	33	--	--	--	8.4	13	5.1	0.066	0.54	36	30	38	ND	--
B-7	8.0	07/10/18	4.1	110	32	--	--	--	7.8	14	5.2	ND<0.050	ND<0.50	38	29	33	ND	--
B-8	8.0	07/10/18	6.3	160	43	--	--	--	9.3	21	7.3	ND<0.050	1.3	46	38	45	ND	--
B-9	8.0	07/10/18	4.2	110	33	--	--	--	7.8	17	6.2	0.059	ND<0.50	37	29	35	ND	--
B-10	8.0	07/10/18	4.8	130	33	--	--	--	7.7	16	5.7	ND<0.050	0.60	39	31	39	ND	--
N&M Analytical Results																		
B2-3.0	3.0	07/03/19	4.72	117	38.0	--	--	ND<10	8.55	28.4	40.7	ND<0.50	ND<5.0	34.1	31.1	62.0	ND	ND<0.25
B3-3.0	3.0	07/03/19	5.38	128	37.6	--	--	ND<10	8.70	20.8	6.95	ND<0.50	ND<5.0	39.6	36.4	42.9	ND	ND<0.25
B4-3.0	3.0	07/03/19	4.67	127	33.8	--	--	ND<10	8.39	15.5	5.53	ND<0.50	ND<5.0	36.7	32.5	36.5	ND	ND<0.25
B5-5.0	5.0	07/03/19	3.85	105	29.9	--	--	ND<10	7.57	11.2	4.20	ND<0.50	ND<5.0	33.6	26.9	27.3	ND	ND<0.25
B6-5.0	5.0	07/03/19	3.04	71.0	23.0	--	--	ND<10	6.18	7.47	3.52	ND<0.50	ND<5.0	24.4	22.6	22.9	ND	ND<0.25
B7-2.0	2.0	07/03/19	4.05	63.0	206	0.218	ND<0.20	ND<10	28.6	18.7	7.44	ND<0.50	ND<5.0	186	25.8	30.3	ND	ND<0.25
Screening Levels																		
Tier 1 ESLs ¹			11 ²	390	160	--	--	300	23	180	32	13	6.9	86	18	340		NE
Construction Worker ESLs ³			11 ²	3,000	NE	--	--	2,800	28	14,000	160	44	1,800	86	470	110,000		NE
STLC x 10 ⁴			50	1,000	50	5.0	--	50,000	800	250	50	2.0	3,500	200	240	2,500		--
TCLP x 20 ⁵			100	2,000	100	--	5.0	--	--	--	100	4.0	--	--	--	--		--

Notes:

Title 22 Metals Analyzed by United States Environmental Protection Agency (USEPA) Method 6010B, Mercury Analyzed by USEPA Method 7471B, Hexavalent Chromium Analyzed by USEPA Method 7199

Asbestos Analyzed by California Air Resources Board Method 435A

bgs – Below Ground Surface

mg/kg – Milligrams Per Kilogram

mg/L - Milligrams Per Liter

µg/kg - Micrograms Per Kilogram

ND<X – Analyte Not Detected at or Above the Practical Quantitation Limit or Reporting Level X

-- Not Analyzed

NE - Not Established

1. San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 Environmental Screening Levels (ESLs), Dated January, 2019 (Rev.1)

2. Duverge, 2011. Establishing Background Arsenic in Soil of the Urbanized San Francisco Bay Region, December

3. RWQCB Construction Worker ESLs, dated January, 2019 (Rev.1). Most Conservative Value Has Been Tabulated

4. STLC x 10 - 10 Times the Soluble Threshold Limit Concentration. California Code of Regulations, Title 22, Division 4.5, Chapter 11, Article 3, Section 66261.24.

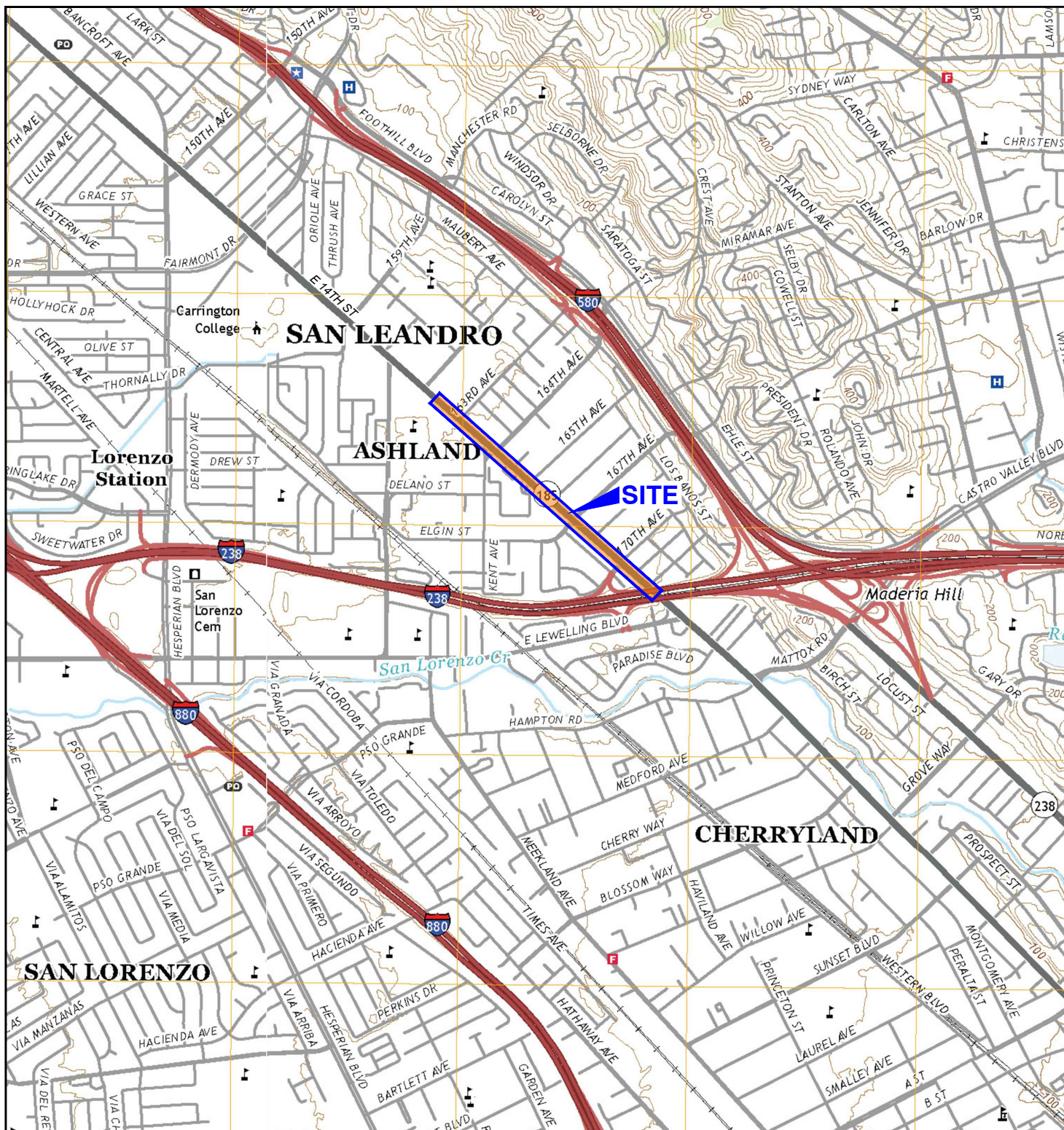
5. TCLP x 20 - 20 Times the Toxicity Characteristic Leaching Procedure. Code of Federal Regulations, Part 40, Title 261.

Bold indicates concentration exceeds screening level



FIGURES

402322032.dwg 07/19/2019 AEK



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

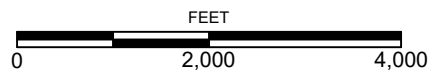
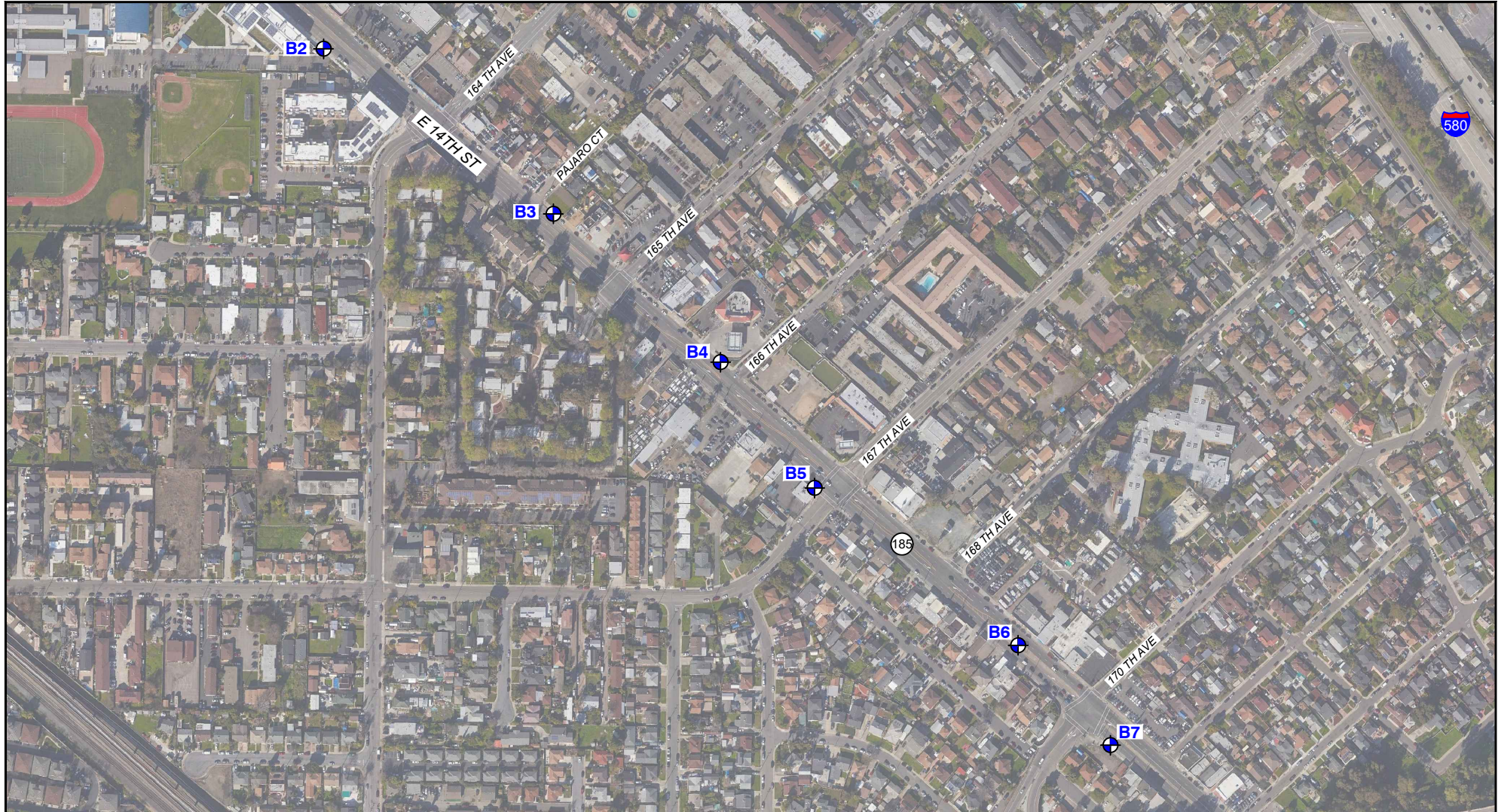


FIGURE 1



LEGEND

B-2  SOIL BORING LOCATION

NOTE: DIMENSIONS, DIRECTIONS AND LOCATIONS ARE APPROXIMATE | REFERENCE: GOOGLE EARTH, 2019

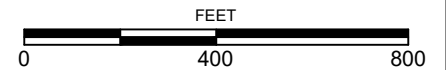


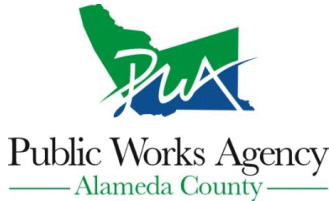
FIGURE 2



APPENDIX A

Boring Permit

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: 07/02/2019 By jamesy

Permit Numbers: W2019-0500
Permits Valid from 07/03/2019 to 07/12/2019

Application Id: 1562109561343
Site Location: In Front of 16343 E 14th St, San Leandro, CA 94578, USA
Project Start Date: 07/03/2019
Assigned Inspector: Contact Sam Brathwaite at (925) 570-7609 or sbrathwaite@groundzonees.com

City of Project Site: San Leandro
Completion Date: 07/12/2019

Applicant: Ninyo & Moore - Helen Hild
2020 Challenger Drive, Suite 103, Alameda, CA 94501
Property Owner: Alameda County Public Works Agency-Amber

Phone: 510-221-1439

Phone: --

Client: Lo
399 Elmhurst Street, Hayward, CA 94544
** same as Property Owner **

Receipt Number: Total Due: \$265.00
Total Amount Paid: \$0.00
Payment Type: EXMPT PAYMENT EXEMPT

Works Requesting Permits:

Borehole(s) for Investigation-Contamination Study - 6 Boreholes
Driller: Cascade Drilling - Lic #: 938110 - Method: Hand

Work Total: \$265.00

Specifications

Permit Number	Issued Dt	Expire Dt	# Boreholes	Hole Diam	Max Depth
W2019-0500	07/02/2019	10/01/2019	6	2.00 in.	5.00 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. Prior to any drilling activities, it shall be the applicant's responsibility to contact and coordinate an Underground Service Alert (USA), obtain encroachment permit(s), excavation permit(s) or any other permits or agreements required for that Federal, State, County or City, and follow all City or County Ordinances. No work shall begin until all the permits and requirements have been approved or obtained. It shall also be the applicants responsibilities to provide to the Cities or to Alameda County an Traffic Safety Plan for any lane closures or detours planned.
5. Applicant shall contact assigned inspector listed on the top of the permit at least five (5) working days prior to starting,

Alameda County Public Works Agency - Water Resources Well Permit

once the permit has been approved. Confirm the scheduled date(s) at least 24 hours prior to drilling.

6. 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.

7. 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.



APPENDIX B

Laboratory Analytical Report



Ninyo & Moore
2020 Challenger Drive, Suite 103
Alameda, California 94501
Tel: 510-343-3000
RE: E.14th St., Ashland, CA

Work Order No.: 1907044 Rev: 2

Dear Helen Hild:

Torrent Laboratory, Inc. received 6 sample(s) on July 08, 2019 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, flowing style.

Kathie Evans
Project Manager

July 11, 2019

Date



Date: 7/11/2019

Client: Ninyo & Moore

Project: E.14th St., Ashland, CA

Work Order: 1907044

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 Analytical, Inc.

Asbestos analysis was sub-contracted to ELAP certified laboratory EMSL. Sub-contract data will follow under a separate cover.

Analytical Comments for method 6010B, 1907044-006A MSD, QC Analytical Preparation ID 1114633, Note: The % recoveries for Nickel and Zinc are 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.

The spikes in the MS/MSD for Chromium are not recoverable. The sample concentration is greater than 4X the spike concentration. No corrective action is required.

Analytical Comments for method 8015B, 1907044-002A MS, QC Analytical Preparation ID 1114620, Note: The % recovery for Diesel 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.

REVISIONS

Report revised to include TCLP data. STLC data is pending.

TCLP

Note: Extraction of 100 g sample/2000 g TCLP Fluid #1 was performed according to Toxicity Characteristic Leaching Procedure (SW-846 1311 TCLP) which was rotated in a rotary shaker @ 32 RPM for 18 hours (+/- 2 hours).

Date Prepared: 7/15/19 at 4:45 PM to 7/16/19 at 10:05 AM

Report also revised to include sub-contracted Asbestos data. Sub-contract data appears as an attachment to the Torrent generated report.



Rev. 1 (7/17/19)

Report revised to include STLC data

STLC

Note: Extraction of 50 g sample / 500g 0.2M Sodium Citrate Solution was performed according to wet extraction procedure (WET) which was rotated in a rotary shaker for 48 hours (+/- 4 hours).

Date Prepared: 7/16/19 at 16:45 to 7/18/19 at 12:50

Rev. 2 (7/18/19)



Sample Result Summary

Report prepared for: Helen Hild
Ninyo & Moore

Date Received: 07/08/19

Date Reported: 07/11/19

B2-3.0

1907044-001

<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	4.72	mg/Kg
Barium	SW6010B	1	0.055	5.00	117	mg/Kg
Chromium	SW6010B	1	0.075	5.00	38.0	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	8.55	mg/Kg
Copper	SW6010B	1	0.20	5.00	28.4	mg/Kg
Lead	SW6010B	1	0.10	3.00	40.7	mg/Kg
Nickel	SW6010B	1	0.50	5.00	34.1	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	31.1	mg/Kg
Zinc	SW6010B	1	0.30	5.00	62.0	mg/Kg

B3-3.0

1907044-002

<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	5.38	mg/Kg
Barium	SW6010B	1	0.055	5.00	128	mg/Kg
Chromium	SW6010B	1	0.075	5.00	37.6	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	8.70	mg/Kg
Copper	SW6010B	1	0.20	5.00	20.8	mg/Kg
Lead	SW6010B	1	0.10	3.00	6.95	mg/Kg
Nickel	SW6010B	1	0.50	5.00	39.6	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	36.4	mg/Kg
Zinc	SW6010B	1	0.30	5.00	42.9	mg/Kg

B4-3.0

1907044-003

<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	4.67	mg/Kg
Barium	SW6010B	1	0.055	5.00	127	mg/Kg
Chromium	SW6010B	1	0.075	5.00	33.8	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	8.39	mg/Kg
Copper	SW6010B	1	0.20	5.00	15.5	mg/Kg
Lead	SW6010B	1	0.10	3.00	5.53	mg/Kg
Nickel	SW6010B	1	0.50	5.00	36.7	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	32.5	mg/Kg
Zinc	SW6010B	1	0.30	5.00	36.5	mg/Kg



Sample Result Summary

Report prepared for: Helen Hild
Ninyo & Moore

Date Received: 07/08/19

Date Reported: 07/11/19

B5-5.0

1907044-004

<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	3.85	mg/Kg
Barium	SW6010B	1	0.055	5.00	105	mg/Kg
Chromium	SW6010B	1	0.075	5.00	29.9	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	7.57	mg/Kg
Copper	SW6010B	1	0.20	5.00	11.2	mg/Kg
Lead	SW6010B	1	0.10	3.00	4.20	mg/Kg
Nickel	SW6010B	1	0.50	5.00	33.6	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	26.9	mg/Kg
Zinc	SW6010B	1	0.30	5.00	27.3	mg/Kg

B6-5.0

1907044-005

<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	3.04	mg/Kg
Barium	SW6010B	1	0.055	5.00	71.0	mg/Kg
Chromium	SW6010B	1	0.075	5.00	23.0	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	6.18	mg/Kg
Copper	SW6010B	1	0.20	5.00	7.47	mg/Kg
Lead	SW6010B	1	0.10	3.00	3.52	mg/Kg
Nickel	SW6010B	1	0.50	5.00	24.4	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	22.6	mg/Kg
Zinc	SW6010B	1	0.30	5.00	22.9	mg/Kg

B7-2.0

1907044-006

<u>Parameters:</u>	<u>Analysis Method</u>	<u>DF</u>	<u>MDL</u>	<u>PQL</u>	<u>Results</u>	<u>Unit</u>
Chromium (STLC)	SW6010B	1	0.010	0.20	0.218	mg/L
Arsenic	SW6010B	1	0.15	1.30	4.05	mg/Kg
Barium	SW6010B	1	0.055	5.00	63.0	mg/Kg
Chromium	SW6010B	1	0.075	5.00	206	mg/Kg
Cobalt	SW6010B	1	0.070	5.00	28.6	mg/Kg
Copper	SW6010B	1	0.20	5.00	18.7	mg/Kg
Lead	SW6010B	1	0.10	3.00	7.44	mg/Kg
Nickel	SW6010B	1	0.50	5.00	186	mg/Kg
Vanadium	SW6010B	1	0.10	5.00	25.8	mg/Kg
Zinc	SW6010B	1	0.30	5.00	30.3	mg/Kg
TPH as Diesel	SW8015B	1	0.85	2.0	5.12	mg/Kg
TPH as Motor Oil	SW8015B	1	3.2	10	48.3	mg/Kg
4,4'-DDT	SW8081B	10	1.3	20	1.50	ug/Kg



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B2-3.0	Lab Sample ID:	1907044-001A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 7:52		
SDG:			

Prep Method:	7199MP	Prep Batch Date/Time:	7/10/19 9:00:00AM
Prep Batch ID:	1114678	Prep Analyst:	IRNAZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Hexavalent Chromium	SW7199	1	0.83	10	ND		ug/Kg	07/10/19	19:20	IZ	440642



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B2-3.0	Lab Sample ID:	1907044-001A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 7:52		
SDG:			

Prep Method:	7471BP	Prep Batch Date/Time:	7/9/19	5:00:00PM
Prep Batch ID:	1114632	Prep Analyst:	SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	07/10/19	9:56	BJAY	440616



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B2-3.0	Lab Sample ID:	1907044-001A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 7:52		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 7/9/19 4:45:00PM
Prep Batch ID: 1114633	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	07/10/19	13:12	PPATEL	440622
Arsenic	SW6010B	1	0.15	1.30	4.72		mg/Kg	07/10/19	13:12	PPATEL	440622
Barium	SW6010B	1	0.055	5.00	117		mg/Kg	07/10/19	13:12	PPATEL	440622
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	07/10/19	13:12	PPATEL	440622
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	07/10/19	13:12	PPATEL	440622
Chromium	SW6010B	1	0.075	5.00	38.0		mg/Kg	07/10/19	13:12	PPATEL	440622
Cobalt	SW6010B	1	0.070	5.00	8.55		mg/Kg	07/10/19	13:12	PPATEL	440622
Copper	SW6010B	1	0.20	5.00	28.4		mg/Kg	07/10/19	13:12	PPATEL	440622
Lead	SW6010B	1	0.10	3.00	40.7		mg/Kg	07/10/19	13:12	PPATEL	440622
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	07/10/19	13:12	PPATEL	440622
Nickel	SW6010B	1	0.50	5.00	34.1		mg/Kg	07/10/19	13:12	PPATEL	440622
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	07/10/19	13:12	PPATEL	440622
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	07/10/19	13:12	PPATEL	440622
Thallium	SW6010B	1	0.55	5.00	ND		mg/Kg	07/10/19	13:12	PPATEL	440622
Vanadium	SW6010B	1	0.10	5.00	31.1		mg/Kg	07/10/19	13:12	PPATEL	440622
Zinc	SW6010B	1	0.30	5.00	62.0		mg/Kg	07/10/19	13:12	PPATEL	440622



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B2-3.0	Lab Sample ID:	1907044-001A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 7:52		
SDG:			

Prep Method: 3546_PCB	Prep Batch Date/Time: 7/9/19 10:57:00AM
Prep Batch ID: 1114638	Prep Analyst: EDORR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	07/10/19	12:03	MK	440626
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	07/10/19	12:03	MK	440626
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	07/10/19	12:03	MK	440626
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	07/10/19	12:03	MK	440626
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	07/10/19	12:03	MK	440626
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	07/10/19	12:03	MK	440626
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	07/10/19	12:03	MK	440626
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		91.0		%	07/10/19	12:03	MK	440626
DCBP (S)	SW8082A		48 - 135		89.0		%	07/10/19	12:03	MK	440626



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B2-3.0	Lab Sample ID:	1907044-001A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 7:52		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 7/9/19 10:58:00AM
Prep Batch ID: 1114639	Prep Analyst: EDORR

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	0.38	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
gamma-BHC (Lindane)	SW8081B	3	0.48	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
beta-BHC	SW8081B	3	0.95	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
delta-BHC	SW8081B	3	0.47	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
Heptachlor	SW8081B	3	0.32	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
Aldrin	SW8081B	3	0.59	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
Heptachlor Epoxide	SW8081B	3	0.23	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
gamma-Chlordane	SW8081B	3	0.49	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
alpha-Chlordane	SW8081B	3	0.52	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
4,4'-DDE	SW8081B	3	0.58	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
Endosulfan I	SW8081B	3	0.55	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
Dieldrin	SW8081B	3	0.44	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
Endrin	SW8081B	3	0.56	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
4,4'-DDD	SW8081B	3	1.7	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
Endosulfan II	SW8081B	3	1.7	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
4,4'-DDT	SW8081B	3	0.39	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
Endrin Aldehyde	SW8081B	3	0.45	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
Methoxychlor	SW8081B	3	0.60	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
Endosulfan Sulfate	SW8081B	3	0.35	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
Endrin Ketone	SW8081B	3	0.28	6.0	ND		ug/Kg	07/10/19	13:40	MK	440641
Chlordane	SW8081B	3	6.3	60	ND		ug/Kg	07/10/19	13:40	MK	440641
Toxaphene	SW8081B	3	26	150	ND		ug/Kg	07/10/19	13:40	MK	440641
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		76.1		%	07/10/19	13:40	MK	440641
DCBP (S)	SW8081B		38 - 135		91.7		%	07/10/19	13:40	MK	440641

NOTE: Sample diluted due to nature of the matrix (dark, viscous extract)



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B2-3.0	Lab Sample ID:	1907044-001A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 7:52		
SDG:			

Prep Method: 3546-BNASIM	Prep Batch Date/Time: 7/10/19 2:14:00PM
Prep Batch ID: 1114652	Prep Analyst: MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	07/11/19	0:45	MT	440644
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	07/11/19	0:45	MT	440644
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	0:45	MT	440644
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	0:45	MT	440644
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	0:45	MT	440644
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	07/11/19	0:45	MT	440644
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	0:45	MT	440644
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	0:45	MT	440644
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	07/11/19	0:45	MT	440644
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	07/11/19	0:45	MT	440644
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	07/11/19	0:45	MT	440644
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	0:45	MT	440644
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	07/11/19	0:45	MT	440644
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	07/11/19	0:45	MT	440644
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	07/11/19	0:45	MT	440644
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	07/11/19	0:45	MT	440644
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	07/11/19	0:45	MT	440644
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B2-3.0	Lab Sample ID:	1907044-001A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 7:52		
SDG:			

Prep Method: 3546-BNASIM	Prep Batch Date/Time: 7/10/19 2:14:00PM
Prep Batch ID: 1114652	Prep Analyst: MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	07/11/19	0:45	MT	440644
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	07/11/19	0:45	MT	440644
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	07/11/19	0:45	MT	440644
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	07/11/19	0:45	MT	440644
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	07/11/19	0:45	MT	440644
Pyridine	SW8270C	1	1.8	101	ND		ug/Kg	07/11/19	0:45	MT	440644
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 125		29.4		%	07/11/19	0:45	MT	440644
Phenol-d6 (S)	SW8270C		25 - 125		29.4		%	07/11/19	0:45	MT	440644
Nitrobenzene-d5 (S)	SW8270C		35 - 125		45.4		%	07/11/19	0:45	MT	440644
2-Fluorobiphenyl (S)	SW8270C		35 - 125		45.8		%	07/11/19	0:45	MT	440644
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		43.5		%	07/11/19	0:45	MT	440644
p-Terphenyl-d14 (S)	SW8270C		35 - 125		69.0		%	07/11/19	0:45	MT	440644



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B2-3.0	Lab Sample ID:	1907044-001A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 7:52		
SDG:			

Prep Method:	3546_TPH	Prep Batch Date/Time:	7/9/19 2:20:00PM
Prep Batch ID:	1114620	Prep Analyst:	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/10/19	12:13	AW	440607
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/10/19	12:13	AW	440607
Acceptance Limits											
Pentacosane (S)	SW8015B		59 - 129		21.5	S	%	07/10/19	12:13	AW	440607

NOTE: S - Surrogate recovery outside the laboratory control limit due to potential matrix effects.



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B2-3.0	Lab Sample ID:	1907044-001A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 7:52		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 7/8/19 11:17:00PM
Prep Batch ID: 1114618	Prep Analyst: NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/09/19	8:00	NP	440578
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	8:00	NP	440578
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:00	NP	440578
TBA	SW8260B	1	12	50	ND		ug/Kg	07/09/19	8:00	NP	440578
Diisopropyl ether	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Ethyl tert-Butyl ether	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:00	NP	440578
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	8:00	NP	440578
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	8:00	NP	440578
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	8:00	NP	440578
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:00	NP	440578
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:00	NP	440578



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B2-3.0	Lab Sample ID:	1907044-001A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 7:52		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 7/8/19 11:17:00PM
Prep Batch ID: 1114618	Prep Analyst: NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:00	NP	440578
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/09/19	8:00	NP	440578
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:00	NP	440578
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:00	NP	440578
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:00	NP	440578
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:00	NP	440578
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/09/19	8:00	NP	440578
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:00	NP	440578
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:00	NP	440578
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	8:00	NP	440578
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:00	NP	440578
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:00	NP	440578
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:00	NP	440578
(S) Dibromofluoromethane	SW8260B		59.8 - 148		129		%	07/09/19	8:00	NP	440578
(S) Toluene-d8	SW8260B		55.2 - 133		113		%	07/09/19	8:00	NP	440578
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		114		%	07/09/19	8:00	NP	440578



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B2-3.0	Lab Sample ID:	1907044-001A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 7:52		
SDG:			

Prep Method:	5035GRO	Prep Batch Date/Time:	7/8/19 11:17:00PM
Prep Batch ID:	1114619	Prep Analyst:	NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/09/19	8:00	NP	440578
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		62.6		%	07/09/19	8:00	NP	440578



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B3-3.0	Lab Sample ID:	1907044-002A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 13:18		
SDG:			

Prep Method: 7199MP	Prep Batch Date/Time: 7/10/19 9:00:00AM
Prep Batch ID: 1114678	Prep Analyst: IRNAZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Hexavalent Chromium	SW7199	1	0.83	10	ND		ug/Kg	07/10/19	19:41	IZ	440642



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B3-3.0	Lab Sample ID:	1907044-002A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 13:18		
SDG:			

Prep Method:	7471BP	Prep Batch Date/Time:	7/9/19	5:00:00PM
Prep Batch ID:	1114632	Prep Analyst:	SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	07/10/19	10:00	BJAY	440616



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B3-3.0	Lab Sample ID:	1907044-002A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 13:18		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 7/9/19 4:45:00PM
Prep Batch ID: 1114633	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	07/10/19	13:20	PPATEL	440622
Arsenic	SW6010B	1	0.15	1.30	5.38		mg/Kg	07/10/19	13:20	PPATEL	440622
Barium	SW6010B	1	0.055	5.00	128		mg/Kg	07/10/19	13:20	PPATEL	440622
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	07/10/19	13:20	PPATEL	440622
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	07/10/19	13:20	PPATEL	440622
Chromium	SW6010B	1	0.075	5.00	37.6		mg/Kg	07/10/19	13:20	PPATEL	440622
Cobalt	SW6010B	1	0.070	5.00	8.70		mg/Kg	07/10/19	13:20	PPATEL	440622
Copper	SW6010B	1	0.20	5.00	20.8		mg/Kg	07/10/19	13:20	PPATEL	440622
Lead	SW6010B	1	0.10	3.00	6.95		mg/Kg	07/10/19	13:20	PPATEL	440622
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	07/10/19	13:20	PPATEL	440622
Nickel	SW6010B	1	0.50	5.00	39.6		mg/Kg	07/10/19	13:20	PPATEL	440622
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	07/10/19	13:20	PPATEL	440622
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	07/10/19	13:20	PPATEL	440622
Thallium	SW6010B	1	0.55	5.00	ND		mg/Kg	07/10/19	13:20	PPATEL	440622
Vanadium	SW6010B	1	0.10	5.00	36.4		mg/Kg	07/10/19	13:20	PPATEL	440622
Zinc	SW6010B	1	0.30	5.00	42.9		mg/Kg	07/10/19	13:20	PPATEL	440622



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B3-3.0	Lab Sample ID:	1907044-002A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 13:18		
SDG:			

Prep Method: 3546_PCB	Prep Batch Date/Time: 7/9/19 10:57:00AM
Prep Batch ID: 1114638	Prep Analyst: EDORR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	07/10/19	12:18	MK	440626
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	07/10/19	12:18	MK	440626
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	07/10/19	12:18	MK	440626
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	07/10/19	12:18	MK	440626
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	07/10/19	12:18	MK	440626
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	07/10/19	12:18	MK	440626
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	07/10/19	12:18	MK	440626
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		92.0		%	07/10/19	12:18	MK	440626
DCBP (S)	SW8082A		48 - 135		89.0		%	07/10/19	12:18	MK	440626



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B3-3.0	Lab Sample ID:	1907044-002A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 13:18		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 7/9/19 10:58:00AM
Prep Batch ID: 1114639	Prep Analyst: EDORR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.13	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
gamma-BHC (Lindane)	SW8081B	1	0.16	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
beta-BHC	SW8081B	1	0.32	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
delta-BHC	SW8081B	1	0.16	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
Heptachlor	SW8081B	1	0.11	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
Aldrin	SW8081B	1	0.20	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
Heptachlor Epoxide	SW8081B	1	0.078	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
gamma-Chlordane	SW8081B	1	0.16	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
alpha-Chlordane	SW8081B	1	0.17	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
4,4'-DDE	SW8081B	1	0.19	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
Endosulfan I	SW8081B	1	0.18	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
Dieldrin	SW8081B	1	0.15	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
Endrin	SW8081B	1	0.19	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
4,4'-DDD	SW8081B	1	0.57	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
Endosulfan II	SW8081B	1	0.58	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
4,4'-DDT	SW8081B	1	0.13	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
Endrin Aldehyde	SW8081B	1	0.15	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
Methoxychlor	SW8081B	1	0.20	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
Endosulfan Sulfate	SW8081B	1	0.12	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
Endrin Ketone	SW8081B	1	0.094	2.0	ND		ug/Kg	07/10/19	13:53	MK	440641
Chlordane	SW8081B	1	2.1	20	ND		ug/Kg	07/10/19	13:53	MK	440641
Toxaphene	SW8081B	1	8.5	50	ND		ug/Kg	07/10/19	13:53	MK	440641
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		78.8		%	07/10/19	13:53	MK	440641
DCBP (S)	SW8081B		38 - 135		92.7		%	07/10/19	13:53	MK	440641



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B3-3.0	Lab Sample ID:	1907044-002A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 13:18		
SDG:			

Prep Method: 3546-BNASIM	Prep Batch Date/Time: 7/10/19 2:14:00PM
Prep Batch ID: 1114652	Prep Analyst: MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	07/11/19	1:15	MT	440644
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	07/11/19	1:15	MT	440644
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	1:15	MT	440644
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	1:15	MT	440644
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	1:15	MT	440644
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	07/11/19	1:15	MT	440644
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	1:15	MT	440644
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	1:15	MT	440644
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	07/11/19	1:15	MT	440644
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	07/11/19	1:15	MT	440644
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	07/11/19	1:15	MT	440644
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	1:15	MT	440644
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	07/11/19	1:15	MT	440644
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	07/11/19	1:15	MT	440644
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	07/11/19	1:15	MT	440644
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	07/11/19	1:15	MT	440644
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	07/11/19	1:15	MT	440644
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B3-3.0	Lab Sample ID:	1907044-002A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 13:18		
SDG:			

Prep Method: 3546-BNASIM	Prep Batch Date/Time: 7/10/19 2:14:00PM
Prep Batch ID: 1114652	Prep Analyst: MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	07/11/19	1:15	MT	440644
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	07/11/19	1:15	MT	440644
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	07/11/19	1:15	MT	440644
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	07/11/19	1:15	MT	440644
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	07/11/19	1:15	MT	440644
Pyridine	SW8270C	1	1.8	101	ND		ug/Kg	07/11/19	1:15	MT	440644
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 125		45.3		%	07/11/19	1:15	MT	440644
Phenol-d6 (S)	SW8270C		25 - 125		45.3		%	07/11/19	1:15	MT	440644
Nitrobenzene-d5 (S)	SW8270C		35 - 125		55.9		%	07/11/19	1:15	MT	440644
2-Fluorobiphenyl (S)	SW8270C		35 - 125		54.9		%	07/11/19	1:15	MT	440644
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		53.3		%	07/11/19	1:15	MT	440644
p-Terphenyl-d14 (S)	SW8270C		35 - 125		72.8		%	07/11/19	1:15	MT	440644



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B3-3.0	Lab Sample ID:	1907044-002A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 13:18		
SDG:			

Prep Method:	3546_TPH	Prep Batch Date/Time:	7/9/19 2:20:00PM
Prep Batch ID:	1114620	Prep Analyst:	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/10/19	12:59	AW	440607
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/10/19	12:59	AW	440607
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		76.0		%	07/10/19	12:59	AW	440607



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B3-3.0	Lab Sample ID:	1907044-002A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 13:18		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 7/8/19 11:17:00PM
Prep Batch ID: 1114618	Prep Analyst: NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/09/19	8:29	NP	440578
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	8:29	NP	440578
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:29	NP	440578
TBA	SW8260B	1	12	50	ND		ug/Kg	07/09/19	8:29	NP	440578
Diisopropyl ether	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Ethyl tert-Butyl ether	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:29	NP	440578
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	8:29	NP	440578
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	8:29	NP	440578
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	8:29	NP	440578
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:29	NP	440578
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:29	NP	440578



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B3-3.0	Lab Sample ID:	1907044-002A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 13:18		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 7/8/19 11:17:00PM
Prep Batch ID: 1114618	Prep Analyst: NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:29	NP	440578
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/09/19	8:29	NP	440578
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:29	NP	440578
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:29	NP	440578
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:29	NP	440578
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:29	NP	440578
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/09/19	8:29	NP	440578
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:29	NP	440578
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:29	NP	440578
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	8:29	NP	440578
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:29	NP	440578
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:29	NP	440578
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:29	NP	440578
(S) Dibromofluoromethane	SW8260B		59.8 - 148		128		%	07/09/19	8:29	NP	440578
(S) Toluene-d8	SW8260B		55.2 - 133		110		%	07/09/19	8:29	NP	440578
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		115		%	07/09/19	8:29	NP	440578



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B3-3.0	Lab Sample ID:	1907044-002A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 13:18		
SDG:			

Prep Method:	5035GRO	Prep Batch Date/Time:	7/8/19 11:17:00PM
Prep Batch ID:	1114619	Prep Analyst:	NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/09/19	8:29	NP	440578
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		79.5		%	07/09/19	8:29	NP	440578



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B4-3.0	Lab Sample ID:	1907044-003A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 23:40		
SDG:			

Prep Method:	7199MP	Prep Batch Date/Time:	7/10/19 9:00:00AM
Prep Batch ID:	1114678	Prep Analyst:	IRNAZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Hexavalent Chromium	SW7199	1	0.83	10	ND		ug/Kg	07/10/19	20:44	IZ	440642



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B4-3.0	Lab Sample ID:	1907044-003A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 23:40		
SDG:			

Prep Method:	7471BP	Prep Batch Date/Time:	7/9/19 5:00:00PM
Prep Batch ID:	1114632	Prep Analyst:	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	07/10/19	10:02	BJAY	440616



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B4-3.0	Lab Sample ID:	1907044-003A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 23:40		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 7/9/19 4:45:00PM
Prep Batch ID: 1114633	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	07/10/19	13:24	PPATEL	440622
Arsenic	SW6010B	1	0.15	1.30	4.67		mg/Kg	07/10/19	13:24	PPATEL	440622
Barium	SW6010B	1	0.055	5.00	127		mg/Kg	07/10/19	13:24	PPATEL	440622
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	07/10/19	13:24	PPATEL	440622
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	07/10/19	13:24	PPATEL	440622
Chromium	SW6010B	1	0.075	5.00	33.8		mg/Kg	07/10/19	13:24	PPATEL	440622
Cobalt	SW6010B	1	0.070	5.00	8.39		mg/Kg	07/10/19	13:24	PPATEL	440622
Copper	SW6010B	1	0.20	5.00	15.5		mg/Kg	07/10/19	13:24	PPATEL	440622
Lead	SW6010B	1	0.10	3.00	5.53		mg/Kg	07/10/19	13:24	PPATEL	440622
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	07/10/19	13:24	PPATEL	440622
Nickel	SW6010B	1	0.50	5.00	36.7		mg/Kg	07/10/19	13:24	PPATEL	440622
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	07/10/19	13:24	PPATEL	440622
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	07/10/19	13:24	PPATEL	440622
Thallium	SW6010B	1	0.55	5.00	ND		mg/Kg	07/10/19	13:24	PPATEL	440622
Vanadium	SW6010B	1	0.10	5.00	32.5		mg/Kg	07/10/19	13:24	PPATEL	440622
Zinc	SW6010B	1	0.30	5.00	36.5		mg/Kg	07/10/19	13:24	PPATEL	440622



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B4-3.0	Lab Sample ID:	1907044-003A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 23:40		
SDG:			

Prep Method:	3546_PCB	Prep Batch Date/Time:	7/9/19 10:57:00AM
Prep Batch ID:	1114638	Prep Analyst:	EDORR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	07/10/19	12:33	MK	440626
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	07/10/19	12:33	MK	440626
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	07/10/19	12:33	MK	440626
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	07/10/19	12:33	MK	440626
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	07/10/19	12:33	MK	440626
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	07/10/19	12:33	MK	440626
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	07/10/19	12:33	MK	440626
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		81.0		%	07/10/19	12:33	MK	440626
DCBP (S)	SW8082A		48 - 135		80.0		%	07/10/19	12:33	MK	440626



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B4-3.0	Lab Sample ID:	1907044-003A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 23:40		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 7/9/19 10:58:00AM
Prep Batch ID: 1114639	Prep Analyst: EDORR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.13	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
gamma-BHC (Lindane)	SW8081B	1	0.16	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
beta-BHC	SW8081B	1	0.32	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
delta-BHC	SW8081B	1	0.16	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
Heptachlor	SW8081B	1	0.11	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
Aldrin	SW8081B	1	0.20	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
Heptachlor Epoxide	SW8081B	1	0.078	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
gamma-Chlordane	SW8081B	1	0.16	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
alpha-Chlordane	SW8081B	1	0.17	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
4,4'-DDE	SW8081B	1	0.19	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
Endosulfan I	SW8081B	1	0.18	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
Dieldrin	SW8081B	1	0.15	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
Endrin	SW8081B	1	0.19	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
4,4'-DDD	SW8081B	1	0.57	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
Endosulfan II	SW8081B	1	0.58	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
4,4'-DDT	SW8081B	1	0.13	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
Endrin Aldehyde	SW8081B	1	0.15	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
Methoxychlor	SW8081B	1	0.20	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
Endosulfan Sulfate	SW8081B	1	0.12	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
Endrin Ketone	SW8081B	1	0.094	2.0	ND		ug/Kg	07/10/19	14:06	MK	440641
Chlordane	SW8081B	1	2.1	20	ND		ug/Kg	07/10/19	14:06	MK	440641
Toxaphene	SW8081B	1	8.5	50	ND		ug/Kg	07/10/19	14:06	MK	440641
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		70.3		%	07/10/19	14:06	MK	440641
DCBP (S)	SW8081B		38 - 135		82.8		%	07/10/19	14:06	MK	440641



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B4-3.0	Lab Sample ID:	1907044-003A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 23:40		
SDG:			

Prep Method: 3546-BNASIM	Prep Batch Date/Time: 7/10/19 2:14:00PM
Prep Batch ID: 1114652	Prep Analyst: MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	07/11/19	1:45	MT	440644
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	07/11/19	1:45	MT	440644
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	1:45	MT	440644
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	1:45	MT	440644
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	1:45	MT	440644
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	07/11/19	1:45	MT	440644
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	1:45	MT	440644
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	1:45	MT	440644
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	07/11/19	1:45	MT	440644
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	07/11/19	1:45	MT	440644
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	07/11/19	1:45	MT	440644
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	1:45	MT	440644
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	07/11/19	1:45	MT	440644
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	07/11/19	1:45	MT	440644
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	07/11/19	1:45	MT	440644
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	07/11/19	1:45	MT	440644
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	07/11/19	1:45	MT	440644
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B4-3.0	Lab Sample ID:	1907044-003A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 23:40		
SDG:			

Prep Method: 3546-BNASIM	Prep Batch Date/Time: 7/10/19 2:14:00PM
Prep Batch ID: 1114652	Prep Analyst: MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	07/11/19	1:45	MT	440644
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	07/11/19	1:45	MT	440644
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	07/11/19	1:45	MT	440644
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	07/11/19	1:45	MT	440644
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	07/11/19	1:45	MT	440644
Pyridine	SW8270C	1	1.8	101	ND		ug/Kg	07/11/19	1:45	MT	440644
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 125		41.8		%	07/11/19	1:45	MT	440644
Phenol-d6 (S)	SW8270C		25 - 125		41.8		%	07/11/19	1:45	MT	440644
Nitrobenzene-d5 (S)	SW8270C		35 - 125		49.6		%	07/11/19	1:45	MT	440644
2-Fluorobiphenyl (S)	SW8270C		35 - 125		50.8		%	07/11/19	1:45	MT	440644
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		54.4		%	07/11/19	1:45	MT	440644
p-Terphenyl-d14 (S)	SW8270C		35 - 125		72.9		%	07/11/19	1:45	MT	440644



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B4-3.0	Lab Sample ID:	1907044-003A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 23:40		
SDG:			

Prep Method:	3546_TPH	Prep Batch Date/Time:	7/9/19 2:20:00PM
Prep Batch ID:	1114620	Prep Analyst:	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/10/19	13:23	AW	440607
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/10/19	13:23	AW	440607
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		65.3		%	07/10/19	13:23	AW	440607



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B4-3.0	Lab Sample ID:	1907044-003A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 23:40		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 7/8/19 11:17:00PM
Prep Batch ID: 1114618	Prep Analyst: NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/09/19	8:58	NP	440578
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	8:58	NP	440578
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:58	NP	440578
TBA	SW8260B	1	12	50	ND		ug/Kg	07/09/19	8:58	NP	440578
Diisopropyl ether	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Ethyl tert-Butyl ether	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:58	NP	440578
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	8:58	NP	440578
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	8:58	NP	440578
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	8:58	NP	440578
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:58	NP	440578
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:58	NP	440578



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B4-3.0	Lab Sample ID:	1907044-003A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 23:40		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 7/8/19 11:17:00PM
Prep Batch ID: 1114618	Prep Analyst: NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:58	NP	440578
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/09/19	8:58	NP	440578
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:58	NP	440578
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:58	NP	440578
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	8:58	NP	440578
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:58	NP	440578
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/09/19	8:58	NP	440578
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	8:58	NP	440578
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:58	NP	440578
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	8:58	NP	440578
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:58	NP	440578
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	8:58	NP	440578
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	8:58	NP	440578
(S) Dibromofluoromethane	SW8260B		59.8 - 148		128		%	07/09/19	8:58	NP	440578
(S) Toluene-d8	SW8260B		55.2 - 133		108		%	07/09/19	8:58	NP	440578
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		116		%	07/09/19	8:58	NP	440578



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B4-3.0	Lab Sample ID:	1907044-003A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 23:40		
SDG:			

Prep Method:	5035GRO	Prep Batch Date/Time:	7/8/19 11:17:00PM
Prep Batch ID:	1114619	Prep Analyst:	NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/09/19	8:58	NP	440578
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		78.9		%	07/09/19	8:58	NP	440578



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B5-5.0	Lab Sample ID:	1907044-004A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 8:45		
SDG:			

Prep Method:	7199MP	Prep Batch Date/Time:	7/10/19 9:00:00AM
Prep Batch ID:	1114678	Prep Analyst:	IRNAZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Hexavalent Chromium	SW7199	1	0.83	10	ND		ug/Kg	07/10/19	21:04	IZ	440642



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B5-5.0	Lab Sample ID:	1907044-004A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 8:45		
SDG:			

Prep Method:	7471BP	Prep Batch Date/Time:	7/9/19	5:00:00PM
Prep Batch ID:	1114632	Prep Analyst:	SNARASIMHAN	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	07/10/19	10:05	BJAY	440616



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B5-5.0	Lab Sample ID:	1907044-004A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 8:45		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 7/9/19 4:45:00PM
Prep Batch ID: 1114633	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	07/10/19	13:27	PPATEL	440622
Arsenic	SW6010B	1	0.15	1.30	3.85		mg/Kg	07/10/19	13:27	PPATEL	440622
Barium	SW6010B	1	0.055	5.00	105		mg/Kg	07/10/19	13:27	PPATEL	440622
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	07/10/19	13:27	PPATEL	440622
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	07/10/19	13:27	PPATEL	440622
Chromium	SW6010B	1	0.075	5.00	29.9		mg/Kg	07/10/19	13:27	PPATEL	440622
Cobalt	SW6010B	1	0.070	5.00	7.57		mg/Kg	07/10/19	13:27	PPATEL	440622
Copper	SW6010B	1	0.20	5.00	11.2		mg/Kg	07/10/19	13:27	PPATEL	440622
Lead	SW6010B	1	0.10	3.00	4.20		mg/Kg	07/10/19	13:27	PPATEL	440622
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	07/10/19	13:27	PPATEL	440622
Nickel	SW6010B	1	0.50	5.00	33.6		mg/Kg	07/10/19	13:27	PPATEL	440622
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	07/10/19	13:27	PPATEL	440622
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	07/10/19	13:27	PPATEL	440622
Thallium	SW6010B	1	0.55	5.00	ND		mg/Kg	07/10/19	13:27	PPATEL	440622
Vanadium	SW6010B	1	0.10	5.00	26.9		mg/Kg	07/10/19	13:27	PPATEL	440622
Zinc	SW6010B	1	0.30	5.00	27.3		mg/Kg	07/10/19	13:27	PPATEL	440622



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B5-5.0	Lab Sample ID:	1907044-004A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 8:45		
SDG:			

Prep Method: 3546_PCB	Prep Batch Date/Time: 7/9/19 10:57:00AM
Prep Batch ID: 1114638	Prep Analyst: EDORR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	07/10/19	12:48	MK	440626
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	07/10/19	12:48	MK	440626
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	07/10/19	12:48	MK	440626
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	07/10/19	12:48	MK	440626
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	07/10/19	12:48	MK	440626
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	07/10/19	12:48	MK	440626
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	07/10/19	12:48	MK	440626
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		84.0		%	07/10/19	12:48	MK	440626
DCBP (S)	SW8082A		48 - 135		83.0		%	07/10/19	12:48	MK	440626



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B5-5.0	Lab Sample ID:	1907044-004A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 8:45		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 7/9/19 10:58:00AM
Prep Batch ID: 1114639	Prep Analyst: EDORR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.13	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
gamma-BHC (Lindane)	SW8081B	1	0.16	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
beta-BHC	SW8081B	1	0.32	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
delta-BHC	SW8081B	1	0.16	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
Heptachlor	SW8081B	1	0.11	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
Aldrin	SW8081B	1	0.20	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
Heptachlor Epoxide	SW8081B	1	0.078	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
gamma-Chlordane	SW8081B	1	0.16	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
alpha-Chlordane	SW8081B	1	0.17	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
4,4'-DDE	SW8081B	1	0.19	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
Endosulfan I	SW8081B	1	0.18	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
Dieldrin	SW8081B	1	0.15	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
Endrin	SW8081B	1	0.19	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
4,4'-DDD	SW8081B	1	0.57	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
Endosulfan II	SW8081B	1	0.58	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
4,4'-DDT	SW8081B	1	0.13	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
Endrin Aldehyde	SW8081B	1	0.15	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
Methoxychlor	SW8081B	1	0.20	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
Endosulfan Sulfate	SW8081B	1	0.12	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
Endrin Ketone	SW8081B	1	0.094	2.0	ND		ug/Kg	07/10/19	14:19	MK	440641
Chlordane	SW8081B	1	2.1	20	ND		ug/Kg	07/10/19	14:19	MK	440641
Toxaphene	SW8081B	1	8.5	50	ND		ug/Kg	07/10/19	14:19	MK	440641
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		72.6		%	07/10/19	14:19	MK	440641
DCBP (S)	SW8081B		38 - 135		85.1		%	07/10/19	14:19	MK	440641



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B5-5.0	Lab Sample ID:	1907044-004A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 8:45		
SDG:			

Prep Method: 3546-BNASIM	Prep Batch Date/Time: 7/10/19 2:14:00PM
Prep Batch ID: 1114652	Prep Analyst: MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	07/11/19	2:15	MT	440644
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	07/11/19	2:15	MT	440644
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	2:15	MT	440644
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	2:15	MT	440644
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	2:15	MT	440644
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	07/11/19	2:15	MT	440644
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	2:15	MT	440644
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	2:15	MT	440644
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	07/11/19	2:15	MT	440644
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	07/11/19	2:15	MT	440644
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	07/11/19	2:15	MT	440644
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	2:15	MT	440644
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	07/11/19	2:15	MT	440644
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	07/11/19	2:15	MT	440644
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	07/11/19	2:15	MT	440644
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	07/11/19	2:15	MT	440644
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	07/11/19	2:15	MT	440644
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B5-5.0	Lab Sample ID:	1907044-004A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 8:45		
SDG:			

Prep Method: 3546-BNASIM	Prep Batch Date/Time: 7/10/19 2:14:00PM
Prep Batch ID: 1114652	Prep Analyst: MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	07/11/19	2:15	MT	440644
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	07/11/19	2:15	MT	440644
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	07/11/19	2:15	MT	440644
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	07/11/19	2:15	MT	440644
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Dibenzo[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	07/11/19	2:15	MT	440644
Pyridine	SW8270C	1	1.8	101	ND		ug/Kg	07/11/19	2:15	MT	440644
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 125		35.4		%	07/11/19	2:15	MT	440644
Phenol-d6 (S)	SW8270C		25 - 125		35.4		%	07/11/19	2:15	MT	440644
Nitrobenzene-d5 (S)	SW8270C		35 - 125		48.9		%	07/11/19	2:15	MT	440644
2-Fluorobiphenyl (S)	SW8270C		35 - 125		49.1		%	07/11/19	2:15	MT	440644
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		43.7		%	07/11/19	2:15	MT	440644
p-Terphenyl-d14 (S)	SW8270C		35 - 125		73.7		%	07/11/19	2:15	MT	440644



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B5-5.0	Lab Sample ID:	1907044-004A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 8:45		
SDG:			

Prep Method:	3546_TPH	Prep Batch Date/Time:	7/9/19 2:20:00PM
Prep Batch ID:	1114620	Prep Analyst:	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/10/19	13:46	AW	440607
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/10/19	13:46	AW	440607
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		64.7		%	07/10/19	13:46	AW	440607



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B5-5.0	Lab Sample ID:	1907044-004A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 8:45		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 7/8/19 11:17:00PM
Prep Batch ID: 1114618	Prep Analyst: NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/09/19	9:27	NP	440578
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	9:27	NP	440578
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	9:27	NP	440578
TBA	SW8260B	1	12	50	ND		ug/Kg	07/09/19	9:27	NP	440578
Diisopropyl ether	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Ethyl tert-Butyl ether	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	9:27	NP	440578
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	9:27	NP	440578
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	9:27	NP	440578
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	9:27	NP	440578
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:27	NP	440578
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	9:27	NP	440578



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B5-5.0	Lab Sample ID:	1907044-004A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 8:45		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 7/8/19 11:17:00PM
Prep Batch ID: 1114618	Prep Analyst: NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	9:27	NP	440578
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/09/19	9:27	NP	440578
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:27	NP	440578
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	9:27	NP	440578
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	9:27	NP	440578
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:27	NP	440578
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/09/19	9:27	NP	440578
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:27	NP	440578
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:27	NP	440578
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	9:27	NP	440578
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:27	NP	440578
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:27	NP	440578
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	9:27	NP	440578
(S) Dibromofluoromethane	SW8260B		59.8 - 148		127		%	07/09/19	9:27	NP	440578
(S) Toluene-d8	SW8260B		55.2 - 133		104		%	07/09/19	9:27	NP	440578
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		115		%	07/09/19	9:27	NP	440578



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B5-5.0	Lab Sample ID:	1907044-004A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 8:45		
SDG:			

Prep Method:	5035GRO	Prep Batch Date/Time:	7/8/19 11:17:00PM
Prep Batch ID:	1114619	Prep Analyst:	NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/09/19	9:27	NP	440578
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		93.4		%	07/09/19	9:27	NP	440578



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B6-5.0	Lab Sample ID:	1907044-005A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 9:40		
SDG:			

Prep Method: 7199MP	Prep Batch Date/Time: 7/10/19 9:00:00AM
Prep Batch ID: 1114678	Prep Analyst: IRNAZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Hexavalent Chromium	SW7199	1	0.83	10	ND		ug/Kg	07/10/19	21:25	IZ	440642



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B6-5.0	Lab Sample ID:	1907044-005A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 9:40		
SDG:			

Prep Method:	7471BP	Prep Batch Date/Time:	7/9/19 5:00:00PM
Prep Batch ID:	1114632	Prep Analyst:	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	07/10/19	10:07	BJAY	440616



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B6-5.0	Lab Sample ID:	1907044-005A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 9:40		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 7/9/19 4:45:00PM
Prep Batch ID: 1114633	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	07/10/19	13:31	PPATEL	440622
Arsenic	SW6010B	1	0.15	1.30	3.04		mg/Kg	07/10/19	13:31	PPATEL	440622
Barium	SW6010B	1	0.055	5.00	71.0		mg/Kg	07/10/19	13:31	PPATEL	440622
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	07/10/19	13:31	PPATEL	440622
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	07/10/19	13:31	PPATEL	440622
Chromium	SW6010B	1	0.075	5.00	23.0		mg/Kg	07/10/19	13:31	PPATEL	440622
Cobalt	SW6010B	1	0.070	5.00	6.18		mg/Kg	07/10/19	13:31	PPATEL	440622
Copper	SW6010B	1	0.20	5.00	7.47		mg/Kg	07/10/19	13:31	PPATEL	440622
Lead	SW6010B	1	0.10	3.00	3.52		mg/Kg	07/10/19	13:31	PPATEL	440622
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	07/10/19	13:31	PPATEL	440622
Nickel	SW6010B	1	0.50	5.00	24.4		mg/Kg	07/10/19	13:31	PPATEL	440622
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	07/10/19	13:31	PPATEL	440622
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	07/10/19	13:31	PPATEL	440622
Thallium	SW6010B	1	0.55	5.00	ND		mg/Kg	07/10/19	13:31	PPATEL	440622
Vanadium	SW6010B	1	0.10	5.00	22.6		mg/Kg	07/10/19	13:31	PPATEL	440622
Zinc	SW6010B	1	0.30	5.00	22.9		mg/Kg	07/10/19	13:31	PPATEL	440622



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B6-5.0	Lab Sample ID:	1907044-005A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 9:40		
SDG:			

Prep Method: 3546_PCB	Prep Batch Date/Time: 7/9/19 10:57:00AM
Prep Batch ID: 1114638	Prep Analyst: EDORR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	07/10/19	13:03	MK	440626
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	07/10/19	13:03	MK	440626
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	07/10/19	13:03	MK	440626
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	07/10/19	13:03	MK	440626
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	07/10/19	13:03	MK	440626
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	07/10/19	13:03	MK	440626
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	07/10/19	13:03	MK	440626
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		85.0		%	07/10/19	13:03	MK	440626
DCBP (S)	SW8082A		48 - 135		83.0		%	07/10/19	13:03	MK	440626



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B6-5.0	Lab Sample ID:	1907044-005A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 9:40		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 7/9/19 10:58:00AM
Prep Batch ID: 1114639	Prep Analyst: EDORR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
alpha-BHC	SW8081B	1	0.13	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
gamma-BHC (Lindane)	SW8081B	1	0.16	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
beta-BHC	SW8081B	1	0.32	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
delta-BHC	SW8081B	1	0.16	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
Heptachlor	SW8081B	1	0.11	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
Aldrin	SW8081B	1	0.20	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
Heptachlor Epoxide	SW8081B	1	0.078	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
gamma-Chlordane	SW8081B	1	0.16	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
alpha-Chlordane	SW8081B	1	0.17	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
4,4'-DDE	SW8081B	1	0.19	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
Endosulfan I	SW8081B	1	0.18	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
Dieldrin	SW8081B	1	0.15	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
Endrin	SW8081B	1	0.19	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
4,4'-DDD	SW8081B	1	0.57	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
Endosulfan II	SW8081B	1	0.58	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
4,4'-DDT	SW8081B	1	0.13	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
Endrin Aldehyde	SW8081B	1	0.15	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
Methoxychlor	SW8081B	1	0.20	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
Endosulfan Sulfate	SW8081B	1	0.12	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
Endrin Ketone	SW8081B	1	0.094	2.0	ND		ug/Kg	07/10/19	14:32	MK	440641
Chlordane	SW8081B	1	2.1	20	ND		ug/Kg	07/10/19	14:32	MK	440641
Toxaphene	SW8081B	1	8.5	50	ND		ug/Kg	07/10/19	14:32	MK	440641
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		77.8		%	07/10/19	14:32	MK	440641
DCBP (S)	SW8081B		38 - 135		87.6		%	07/10/19	14:32	MK	440641



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B6-5.0	Lab Sample ID:	1907044-005A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 9:40		
SDG:			

Prep Method: 3546-BNASIM	Prep Batch Date/Time: 7/10/19 2:14:00PM
Prep Batch ID: 1114652	Prep Analyst: MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	07/11/19	2:46	MT	440644
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	07/11/19	2:46	MT	440644
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	2:46	MT	440644
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	2:46	MT	440644
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	2:46	MT	440644
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	07/11/19	2:46	MT	440644
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	2:46	MT	440644
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	2:46	MT	440644
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	07/11/19	2:46	MT	440644
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	07/11/19	2:46	MT	440644
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	07/11/19	2:46	MT	440644
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	2:46	MT	440644
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	07/11/19	2:46	MT	440644
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	07/11/19	2:46	MT	440644
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	07/11/19	2:46	MT	440644
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	07/11/19	2:46	MT	440644
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	07/11/19	2:46	MT	440644
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B6-5.0	Lab Sample ID:	1907044-005A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 9:40		
SDG:			

Prep Method: 3546-BNASIM	Prep Batch Date/Time: 7/10/19 2:14:00PM
Prep Batch ID: 1114652	Prep Analyst: MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	07/11/19	2:46	MT	440644
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	07/11/19	2:46	MT	440644
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	07/11/19	2:46	MT	440644
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	07/11/19	2:46	MT	440644
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Dibenz[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	07/11/19	2:46	MT	440644
Pyridine	SW8270C	1	1.8	101	ND		ug/Kg	07/11/19	2:46	MT	440644
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 125		53.7		%	07/11/19	2:46	MT	440644
Phenol-d6 (S)	SW8270C		25 - 125		53.7		%	07/11/19	2:46	MT	440644
Nitrobenzene-d5 (S)	SW8270C		35 - 125		62.0		%	07/11/19	2:46	MT	440644
2-Fluorobiphenyl (S)	SW8270C		35 - 125		61.4		%	07/11/19	2:46	MT	440644
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		60.5		%	07/11/19	2:46	MT	440644
p-Terphenyl-d14 (S)	SW8270C		35 - 125		77.0		%	07/11/19	2:46	MT	440644



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B6-5.0	Lab Sample ID:	1907044-005A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 9:40		
SDG:			

Prep Method:	3546_TPH	Prep Batch Date/Time:	7/9/19 2:20:00PM
Prep Batch ID:	1114620	Prep Analyst:	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	ND		mg/Kg	07/10/19	16:08	AW	440607
TPH as Motor Oil	SW8015B	1	3.2	10	ND		mg/Kg	07/10/19	16:08	AW	440607
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		79.4		%	07/10/19	16:08	AW	440607



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B6-5.0	Lab Sample ID:	1907044-005A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 9:40		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 7/9/19 2:57:00PM
Prep Batch ID: 1114645	Prep Analyst: JFORT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/09/19	17:23	JF	440611
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	17:23	JF	440611
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	17:23	JF	440611
TBA	SW8260B	1	12	50	ND		ug/Kg	07/09/19	17:23	JF	440611
Diisopropyl ether	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Ethyl tert-Butyl ether	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	17:23	JF	440611
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	17:23	JF	440611
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	17:23	JF	440611
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	17:23	JF	440611
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	17:23	JF	440611
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	17:23	JF	440611



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B6-5.0	Lab Sample ID:	1907044-005A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 9:40		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 7/9/19 2:57:00PM
Prep Batch ID: 1114645	Prep Analyst: JFORT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	17:23	JF	440611
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/09/19	17:23	JF	440611
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	17:23	JF	440611
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	17:23	JF	440611
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	17:23	JF	440611
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	17:23	JF	440611
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/09/19	17:23	JF	440611
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	17:23	JF	440611
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	17:23	JF	440611
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	17:23	JF	440611
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	17:23	JF	440611
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	17:23	JF	440611
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	17:23	JF	440611
(S) Dibromofluoromethane	SW8260B		59.8 - 148		100		%	07/09/19	17:23	JF	440611
(S) Toluene-d8	SW8260B		55.2 - 133		103		%	07/09/19	17:23	JF	440611
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		93.4		%	07/09/19	17:23	JF	440611



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B6-5.0	Lab Sample ID:	1907044-005A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 9:40		
SDG:			

Prep Method:	5035GRO	Prep Batch Date/Time:	7/9/19 2:57:00PM
Prep Batch ID:	1114646	Prep Analyst:	JFORT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/09/19	17:23	JF	440611
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		102		%	07/09/19	17:23	JF	440611



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B7-2.0	Lab Sample ID:	1907044-006A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 10:51		
SDG:			

Prep Method:	7199MP	Prep Batch Date/Time:	7/10/19 9:00:00AM
Prep Batch ID:	1114678	Prep Analyst:	IRNAZ

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Hexavalent Chromium	SW7199	1	0.83	10	ND		ug/Kg	07/10/19	22:28	IZ	440642



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B7-2.0	Lab Sample ID:	1907044-006A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 10:51		
SDG:			

Prep Method:	7471BP	Prep Batch Date/Time:	7/9/19 5:00:00PM
Prep Batch ID:	1114632	Prep Analyst:	SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Mercury	SW7471B	1	0.083	0.50	ND		mg/Kg	07/10/19	10:09	BJAY	440616



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B7-2.0	Lab Sample ID:	1907044-006A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 10:51		
SDG:			

Prep Method: 3050B	Prep Batch Date/Time: 7/9/19 4:45:00PM
Prep Batch ID: 1114633	Prep Analyst: SNARASIMHAN

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Antimony	SW6010B	1	0.050	5.00	ND		mg/Kg	07/10/19	13:35	PPATEL	440622
Arsenic	SW6010B	1	0.15	1.30	4.05		mg/Kg	07/10/19	13:35	PPATEL	440622
Barium	SW6010B	1	0.055	5.00	63.0		mg/Kg	07/10/19	13:35	PPATEL	440622
Beryllium	SW6010B	1	0.055	5.00	ND		mg/Kg	07/10/19	13:35	PPATEL	440622
Cadmium	SW6010B	1	0.10	5.00	ND		mg/Kg	07/10/19	13:35	PPATEL	440622
Chromium	SW6010B	1	0.075	5.00	206		mg/Kg	07/10/19	13:35	PPATEL	440622
Cobalt	SW6010B	1	0.070	5.00	28.6		mg/Kg	07/10/19	13:35	PPATEL	440622
Copper	SW6010B	1	0.20	5.00	18.7		mg/Kg	07/10/19	13:35	PPATEL	440622
Lead	SW6010B	1	0.10	3.00	7.44		mg/Kg	07/10/19	13:35	PPATEL	440622
Molybdenum	SW6010B	1	0.050	5.00	ND		mg/Kg	07/10/19	13:35	PPATEL	440622
Nickel	SW6010B	1	0.50	5.00	186		mg/Kg	07/10/19	13:35	PPATEL	440622
Selenium	SW6010B	1	0.22	5.00	ND		mg/Kg	07/10/19	13:35	PPATEL	440622
Silver	SW6010B	1	0.15	5.00	ND		mg/Kg	07/10/19	13:35	PPATEL	440622
Thallium	SW6010B	1	0.55	5.00	ND		mg/Kg	07/10/19	13:35	PPATEL	440622
Vanadium	SW6010B	1	0.10	5.00	25.8		mg/Kg	07/10/19	13:35	PPATEL	440622
Zinc	SW6010B	1	0.30	5.00	30.3		mg/Kg	07/10/19	13:35	PPATEL	440622



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B7-2.0	Lab Sample ID:	1907044-006A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 10:51		
SDG:			

Prep Method:	WET/3010B	Prep Batch Date/Time:	7/18/19 1:15:00PM
Prep Batch ID:	1114869	Prep Analyst:	VTSUI

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (STLC)	SW6010B	1	0.010	0.20	0.218		mg/L	07/18/19	14:40	PPATEL	440829



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B7-2.0	Lab Sample ID:	1907044-006A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 10:51		
SDG:			

Prep Method:	1311/3010B	Prep Batch Date/Time:	7/16/19	1:00:00PM
Prep Batch ID:	1114813	Prep Analyst:	BJAY	

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Chromium (TCLP)	SW6010B	1	0.010	0.20	ND		mg/L	07/16/19	15:22	PPATEL	440770



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B7-2.0	Lab Sample ID:	1907044-006A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 10:51		
SDG:			

Prep Method: 3546_PCB	Prep Batch Date/Time: 7/9/19 10:57:00AM
Prep Batch ID: 1114638	Prep Analyst: EDORR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Aroclor1016	SW8082A	1	53	100	ND		ug/Kg	07/10/19	13:17	MK	440626
Aroclor1221	SW8082A	1	5.0	100	ND		ug/Kg	07/10/19	13:17	MK	440626
Aroclor1232	SW8082A	1	17	100	ND		ug/Kg	07/10/19	13:17	MK	440626
Aroclor1242	SW8082A	1	3.0	100	ND		ug/Kg	07/10/19	13:17	MK	440626
Aroclor1248	SW8082A	1	2.0	100	ND		ug/Kg	07/10/19	13:17	MK	440626
Aroclor1254	SW8082A	1	2.0	100	ND		ug/Kg	07/10/19	13:17	MK	440626
Aroclor1260	SW8082A	1	36	100	ND		ug/Kg	07/10/19	13:17	MK	440626
Acceptance Limits											
TCMX (S)	SW8082A		48 - 125		86.0		%	07/10/19	13:17	MK	440626
DCBP (S)	SW8082A		48 - 135		85.0		%	07/10/19	13:17	MK	440626



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B7-2.0	Lab Sample ID:	1907044-006A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 10:51		
SDG:			

Prep Method: 3546_OCP	Prep Batch Date/Time: 7/9/19 10:58:00AM
Prep Batch ID: 1114639	Prep Analyst: EDORR

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	1.3	20	ND		ug/Kg	07/10/19	14:45	MK	440641
gamma-BHC (Lindane)	SW8081B	10	1.6	20	ND		ug/Kg	07/10/19	14:45	MK	440641
beta-BHC	SW8081B	10	3.2	20	ND		ug/Kg	07/10/19	14:45	MK	440641
delta-BHC	SW8081B	10	1.6	20	ND		ug/Kg	07/10/19	14:45	MK	440641
Heptachlor	SW8081B	10	1.1	20	ND		ug/Kg	07/10/19	14:45	MK	440641
Aldrin	SW8081B	10	2.0	20	ND		ug/Kg	07/10/19	14:45	MK	440641
Heptachlor Epoxide	SW8081B	10	0.78	20	ND		ug/Kg	07/10/19	14:45	MK	440641
gamma-Chlordane	SW8081B	10	1.6	20	ND		ug/Kg	07/10/19	14:45	MK	440641
alpha-Chlordane	SW8081B	10	1.7	20	ND		ug/Kg	07/10/19	14:45	MK	440641
4,4'-DDE	SW8081B	10	1.9	20	ND		ug/Kg	07/10/19	14:45	MK	440641
Endosulfan I	SW8081B	10	1.8	20	ND		ug/Kg	07/10/19	14:45	MK	440641
Dieldrin	SW8081B	10	1.5	20	ND		ug/Kg	07/10/19	14:45	MK	440641
Endrin	SW8081B	10	1.9	20	ND		ug/Kg	07/10/19	14:45	MK	440641
4,4'-DDD	SW8081B	10	5.7	20	ND		ug/Kg	07/10/19	14:45	MK	440641
Endosulfan II	SW8081B	10	5.8	20	ND		ug/Kg	07/10/19	14:45	MK	440641
4,4'-DDT	SW8081B	10	1.3	20	1.50	J	ug/Kg	07/10/19	14:45	MK	440641
Endrin Aldehyde	SW8081B	10	1.5	20	ND		ug/Kg	07/10/19	14:45	MK	440641
Methoxychlor	SW8081B	10	2.0	20	ND		ug/Kg	07/10/19	14:45	MK	440641
Endosulfan Sulfate	SW8081B	10	1.2	20	ND		ug/Kg	07/10/19	14:45	MK	440641
Endrin Ketone	SW8081B	10	0.94	20	ND		ug/Kg	07/10/19	14:45	MK	440641
Chlordane	SW8081B	10	21	200	ND		ug/Kg	07/10/19	14:45	MK	440641
Toxaphene	SW8081B	10	85	500	ND		ug/Kg	07/10/19	14:45	MK	440641
Acceptance Limits											
TCMX (S)	SW8081B		48 - 125		70.2		%	07/10/19	14:45	MK	440641
DCBP (S)	SW8081B		38 - 135		91.6		%	07/10/19	14:45	MK	440641

NOTE: Sample diluted due to nature of the matrix (dark, viscous extract)



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B7-2.0	Lab Sample ID:	1907044-006A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 10:51		
SDG:			

Prep Method: 3546-BNASIM	Prep Batch Date/Time: 7/10/19 2:14:00PM
Prep Batch ID: 1114652	Prep Analyst: MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
N-Nitrosodimethylamine	SW8270C	1	0.22	101	ND		ug/Kg	07/11/19	3:16	MT	440644
Phenol	SW8270C	1	1.7	101	ND		ug/Kg	07/11/19	3:16	MT	440644
Bis(2-chloroethyl) ether	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
2-Chlorophenol	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	3:16	MT	440644
1,3-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
1,4-Dichlorobenzene	SW8270C	1	1.1	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
1,2-Dichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
2-Methylphenol (o-Cresol)	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	3:16	MT	440644
Bis(2-chloroisopropyl)ether	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
3-/4-Methylphenol (p-/m-Cresol)	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	3:16	MT	440644
N-nitroso-di-n-propylamine	SW8270C	1	1.3	101	ND		ug/Kg	07/11/19	3:16	MT	440644
Hexachloroethane	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Nitrobenzene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
2-Nitrophenol	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	3:16	MT	440644
2,4-Dimethylphenol	SW8270C	1	1.2	101	ND		ug/Kg	07/11/19	3:16	MT	440644
Bis(2-Chloroethoxy)methane	SW8270C	1	3.6	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
2,4-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	07/11/19	3:16	MT	440644
1,2,4-Trichlorobenzene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Naphthalene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
4-Chloroaniline	SW8270C	1	0.50	101	ND		ug/Kg	07/11/19	3:16	MT	440644
2,6-Dichlorophenol	SW8270C	1	0.36	101	ND		ug/Kg	07/11/19	3:16	MT	440644
Hexachloro-1,3-butadiene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
4-Chloro-3-methylphenol	SW8270C	1	1.0	101	ND		ug/Kg	07/11/19	3:16	MT	440644
2-Methylnaphthalene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
1-Methylnaphthalene	SW8270C	1	0.43	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
2,4,6-Trichlorophenol	SW8270C	1	0.65	101	ND		ug/Kg	07/11/19	3:16	MT	440644
2,4,5-Trichlorophenol	SW8270C	1	0.58	101	ND		ug/Kg	07/11/19	3:16	MT	440644
2-Chloronaphthalene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
1,4-Dinitrobenzene	SW8270C	1	3.3	101	ND		ug/Kg	07/11/19	3:16	MT	440644
Dimethyl phthalate	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
1,3-Dinitrobenzene	SW8270C	1	2.7	101	ND		ug/Kg	07/11/19	3:16	MT	440644
Acenaphthylene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
2,6-Dinitrotoluene	SW8270C	1	2.9	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
1,2-Dinitrobenzene	SW8270C	1	4.7	101	ND		ug/Kg	07/11/19	3:16	MT	440644
Acenaphthene	SW8270C	1	0.29	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B7-2.0	Lab Sample ID:	1907044-006A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 10:51		
SDG:			

Prep Method: 3546-BNASIM	Prep Batch Date/Time: 7/10/19 2:14:00PM
Prep Batch ID: 1114652	Prep Analyst: MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dibenzofuran	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
2,4-Dinitrotoluene	SW8270C	1	2.4	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
2,3,5,6-Tetrachlorophenol	SW8270C	1	6.0	101	ND		ug/Kg	07/11/19	3:16	MT	440644
2,3,4,6-Tetrachlorophenol	SW8270C	1	6.6	101	ND		ug/Kg	07/11/19	3:16	MT	440644
Diethylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Fluorene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
4-Chlorophenyl phenyl ether	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
4-Bromophenyl phenyl ether	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Hexachlorobenzene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Pentachlorophenol	SW8270C	1	5.2	101	ND		ug/Kg	07/11/19	3:16	MT	440644
Phenanthrene	SW8270C	1	0.36	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Anthracene	SW8270C	1	0.65	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Carbazole	SW8270C	1	0.94	101	ND		ug/Kg	07/11/19	3:16	MT	440644
Di-n-butylphthalate	SW8270C	1	1.7	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Fluoranthene	SW8270C	1	0.00065	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Benzyl butyl phthalate	SW8270C	1	1.2	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Benz[a]anthracene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Chrysene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Bis(2-Ethylhexyl)phthalate	SW8270C	1	3.6	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Di-n-octyl phthalate	SW8270C	1	1.1	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Benzo[b]fluoranthene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Benzo[k]fluoranthene	SW8270C	1	0.50	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Benzo[a]pyrene	SW8270C	1	0.58	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Indeno[1,2,3-cd]pyrene	SW8270C	1	0.79	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Dibenzo[a,h]anthracene	SW8270C	1	0.72	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Benzo[g,h,i]perylene	SW8270C	1	0.72	50.4	ND		ug/Kg	07/11/19	3:16	MT	440644
Pyridine	SW8270C	1	1.8	101	ND		ug/Kg	07/11/19	3:16	MT	440644
Acceptance Limits											
2-Fluorophenol (S)	SW8270C		25 - 125		39.3		%	07/11/19	3:16	MT	440644
Phenol-d6 (S)	SW8270C		25 - 125		39.3		%	07/11/19	3:16	MT	440644
Nitrobenzene-d5 (S)	SW8270C		35 - 125		53.6		%	07/11/19	3:16	MT	440644
2-Fluorobiphenyl (S)	SW8270C		35 - 125		56.5		%	07/11/19	3:16	MT	440644
2,4,6-Tribromophenol (S)	SW8270C		25 - 125		51.5		%	07/11/19	3:16	MT	440644
p-Terphenyl-d14 (S)	SW8270C		35 - 125		63.5		%	07/11/19	3:16	MT	440644



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B7-2.0	Lab Sample ID:	1907044-006A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 10:51		
SDG:			

Prep Method:	3546_TPH	Prep Batch Date/Time:	7/9/19 2:20:00PM
Prep Batch ID:	1114620	Prep Analyst:	MSAT

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH as Diesel	SW8015B	1	0.85	2.0	5.12	x	mg/Kg	07/10/19	12:36	AW	440607
TPH as Motor Oil	SW8015B	1	3.2	10	48.3		mg/Kg	07/10/19	12:36	AW	440607
			Acceptance Limits								
Pentacosane (S)	SW8015B		59 - 129		81.4		%	07/10/19	12:36	AW	440607

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



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B7-2.0	Lab Sample ID:	1907044-006A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 10:51		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 7/8/19 11:17:00PM
Prep Batch ID: 1114618	Prep Analyst: NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
Dichlorodifluoromethane	SW8260B	1	1.2	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Chloromethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Vinyl Chloride	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Bromomethane	SW8260B	1	2.7	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Chloroethane	SW8260B	1	3.0	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Trichlorofluoromethane	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,1-Dichloroethene	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Freon 113	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Methylene Chloride	SW8260B	1	7.1	10	ND		ug/Kg	07/09/19	9:56	NP	440578
trans-1,2-Dichloroethene	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	9:56	NP	440578
MTBE	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	9:56	NP	440578
TBA	SW8260B	1	12	50	ND		ug/Kg	07/09/19	9:56	NP	440578
Diisopropyl ether	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,1-Dichloroethane	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Ethyl tert-Butyl ether	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	9:56	NP	440578
cis-1,2-Dichloroethene	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	9:56	NP	440578
2,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Bromochloromethane	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Chloroform	SW8260B	1	2.4	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Carbon Tetrachloride	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,1,1-Trichloroethane	SW8260B	1	2.1	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,1-Dichloropropene	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Benzene	SW8260B	1	2.2	10	ND		ug/Kg	07/09/19	9:56	NP	440578
TAME	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,2-Dichloroethane	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Trichloroethylene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Dibromomethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,2-Dichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Bromodichloromethane	SW8260B	1	2.0	10	ND		ug/Kg	07/09/19	9:56	NP	440578
cis-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Toluene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Tetrachloroethylene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:56	NP	440578
trans-1,3-Dichloropropene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,1,2-Trichloroethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Dibromochloromethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	9:56	NP	440578



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B7-2.0	Lab Sample ID:	1907044-006A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 10:51		
SDG:			

Prep Method: 5035	Prep Batch Date/Time: 7/8/19 11:17:00PM
Prep Batch ID: 1114618	Prep Analyst: NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
1,3-Dichloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,2-Dibromoethane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Chlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Ethylbenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,1,1,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	9:56	NP	440578
m,p-Xylene	SW8260B	1	3.2	10	ND		ug/Kg	07/09/19	9:56	NP	440578
o-Xylene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Styrene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Bromoform	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Isopropyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:56	NP	440578
n-Propylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Bromobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,1,2,2-Tetrachloroethane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	9:56	NP	440578
2-Chlorotoluene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,3,5-Trimethylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,2,3-Trichloropropane	SW8260B	1	1.9	10	ND		ug/Kg	07/09/19	9:56	NP	440578
4-Chlorotoluene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:56	NP	440578
tert-Butylbenzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,2,4-Trimethylbenzene	SW8260B	1	1.4	10	ND		ug/Kg	07/09/19	9:56	NP	440578
sec-Butyl Benzene	SW8260B	1	1.6	10	ND		ug/Kg	07/09/19	9:56	NP	440578
p-Isopropyltoluene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,3-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,4-Dichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:56	NP	440578
n-Butylbenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,2-Dichlorobenzene	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,2-Dibromo-3-Chloropropane	SW8260B	1	1.8	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Hexachlorobutadiene	SW8260B	1	1.4	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,2,4-Trichlorobenzene	SW8260B	1	1.5	10	ND		ug/Kg	07/09/19	9:56	NP	440578
Naphthalene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:56	NP	440578
1,2,3-Trichlorobenzene	SW8260B	1	1.7	10	ND		ug/Kg	07/09/19	9:56	NP	440578
2-Butanone	SW8260B	1	2.3	10	ND		ug/Kg	07/09/19	9:56	NP	440578
(S) Dibromofluoromethane	SW8260B		59.8 - 148		127		%	07/09/19	9:56	NP	440578
(S) Toluene-d8	SW8260B		55.2 - 133		95.3		%	07/09/19	9:56	NP	440578
(S) 4-Bromofluorobenzene	SW8260B		55.8 - 141		113		%	07/09/19	9:56	NP	440578



SAMPLE RESULTS

Report prepared for: Helen Hild
Ninyo & Moore

Date/Time Received: 07/08/19, 11:40 am
Date Reported: 07/11/19

Client Sample ID:	B7-2.0	Lab Sample ID:	1907044-006A
Project Name/Location:	E.14th St., Ashland, CA	Sample Matrix:	Soil
Project Number:			
Date/Time Sampled:	07/03/19 / 10:51		
SDG:			

Prep Method:	5035GRO	Prep Batch Date/Time:	7/8/19 11:17:00PM
Prep Batch ID:	1114619	Prep Analyst:	NPAR

Parameters:	Analysis Method	DF	MDL	PQL	Results	Q	Units	Analyzed	Time	By	Analytical Batch
TPH(Gasoline)	8260TPH	1	43	100	ND		ug/Kg	07/09/19	9:56	NP	440578
(S) 4-Bromofluorobenzene	8260TPH		43.9 - 127		97.3		%	07/09/19	9:56	NP	440578



MB Summary Report

Work Order:	1907044	Prep Method:	5035	Prep Date:	07/08/19	Prep Batch:	1114618
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	7/9/2019	Analytical Batch:	440578
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
TBA	12	50	ND	
Diisopropyl ether	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
Ethyl tert-Butyl ether	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethylbenzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	



MB Summary Report

Work Order:	1907044	Prep Method:	5035	Prep Date:	07/08/19	Prep Batch:	1114618
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	7/9/2019	Analytical Batch:	440578
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
o-Xylene	1.7	10	ND	
Styrene	1.6	10	ND	
Bromoform	1.7	10	ND	
Isopropyl Benzene	1.6	10	ND	
n-Propylbenzene	1.6	10	ND	
Bromobenzene	1.8	10	ND	
1,1,2,2-Tetrachloroethane	1.9	10	ND	
2-Chlorotoluene	1.8	10	ND	
1,3,5-Trimethylbenzene	1.6	10	ND	
1,2,3-Trichloropropane	1.9	10	ND	
4-Chlorotoluene	1.6	10	ND	
tert-Butylbenzene	1.6	10	ND	
1,2,4-Trimethylbenzene	1.4	10	ND	
sec-Butyl Benzene	1.6	10	ND	
p-Isopropyltoluene	1.5	10	ND	
1,3-Dichlorobenzene	1.7	10	ND	
1,4-Dichlorobenzene	1.7	10	ND	
n-Butylbenzene	1.5	10	ND	
1,2-Dichlorobenzene	1.8	10	ND	
1,2-Dibromo-3-Chloropropane	1.8	10	3.5	
Hexachlorobutadiene	1.4	10	ND	
1,2,4-Trichlorobenzene	1.5	10	ND	
Naphthalene	1.7	10	4.1	
1,2,3-Trichlorobenzene	1.7	10	ND	
2-Butanone	2.3	10	ND	
4-Methyl-2-Pentanone	2.0	10	3.9	
(S) Dibromofluoromethane			111	
(S) Toluene-d8			102	
(S) 4-Bromofluorobenzene			104	

Work Order:	1907044	Prep Method:	5035GRO	Prep Date:	07/08/19	Prep Batch:	1114619
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	7/9/2019	Analytical Batch:	440578
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
TPH(Gasoline)	43	100	ND	
(S) 4-Bromofluorobenzene			87.3	



MB Summary Report

Work Order:	1907044	Prep Method:	3546_TPH	Prep Date:	07/09/19	Prep Batch:	1114620
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	7/9/2019	Analytical Batch:	440607
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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TPH as Diesel	0.85	2.0	ND	
TPH as Motor Oil	3.2	10	ND	
Pentacosane (S)			59.8	

Work Order:	1907044	Prep Method:	7471BP	Prep Date:	07/09/19	Prep Batch:	1114632
Matrix:	Soil	Analytical Method:	SW7471B	Analyzed Date:	7/10/2019	Analytical Batch:	440616
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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Mercury	0.083	0.50	ND	
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Work Order:	1907044	Prep Method:	3050B	Prep Date:	07/09/19	Prep Batch:	1114633
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	7/10/2019	Analytical Batch:	440622
Units:	mg/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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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	5.00	ND	
Chromium	0.075	5.00	ND	
Cobalt	0.070	5.00	ND	
Copper	0.20	5.00	0.45	
Lead	0.10	1.30	ND	
Molybdenum	0.050	5.00	0.050	
Nickel	0.50	5.00	ND	
Selenium	0.22	5.00	ND	
Silver	0.15	5.00	ND	
Thallium	0.55	5.00	ND	
Vanadium	0.10	5.00	ND	
Zinc	0.30	5.00	ND	



MB Summary Report

Work Order:	1907044	Prep Method:	3546_PCB	Prep Date:	07/09/19	Prep Batch:	1114638
Matrix:	Soil	Analytical Method:	SW8082A	Analyzed Date:	7/10/2019	Analytical Batch:	440626
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Aroclor1016	53	100	ND		
Aroclor1221	5.0	100	ND		
Aroclor1232	17	100	ND		
Aroclor1242	3.0	100	ND		
Aroclor1248	2.0	100	ND		
Aroclor1254	2.0	100	ND		
Aroclor1260	36	100	ND		
TCMX (S)			97.0		
DCBP (S)			96.0		



MB Summary Report

Work Order:	1907044	Prep Method:	3546_OCP	Prep Date:	07/09/19	Prep Batch:	1114639
Matrix:	Soil	Analytical Method:	SW8081B	Analyzed Date:	7/10/2019	Analytical Batch:	440641
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
alpha-BHC	0.13	2.0	ND	
gamma-BHC (Lindane)	0.16	2.0	ND	
beta-BHC	0.32	2.0	ND	
delta-BHC	0.16	2.0	ND	
Heptachlor	0.11	2.0	ND	
Aldrin	0.20	2.0	ND	
Heptachlor Epoxide	0.078	2.0	ND	
gamma-Chlordane	0.16	2.0	ND	
alpha-Chlordane	0.17	2.0	ND	
4,4'-DDE	0.19	2.0	ND	
Endosulfan I	0.18	2.0	ND	
Dieldrin	0.15	2.0	ND	
Endrin	0.19	2.0	ND	
4,4'-DDD	0.57	2.0	ND	
Endosulfan II	0.58	2.0	ND	
4,4'-DDT	0.13	2.0	ND	
Endrin Aldehyde	0.15	2.0	ND	
Methoxychlor	0.20	2.0	ND	
Endosulfan Sulfate	0.12	2.0	ND	
Endrin Ketone	0.094	2.0	ND	
Chlordane	2.1	20	ND	
Toxaphene	8.5	50	ND	
TCMX (S)			91.5	
DCBP (S)			96.3	



MB Summary Report

Work Order:	1907044	Prep Method:	5035	Prep Date:	07/09/19	Prep Batch:	1114645
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	7/9/2019	Analytical Batch:	440611
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Dichlorodifluoromethane	1.2	10	ND	
Chloromethane	1.8	10	ND	
Vinyl Chloride	2.0	10	ND	
Bromomethane	2.7	10	ND	
Chloroethane	3.0	10	ND	
Trichlorofluoromethane	2.1	10	ND	
1,1-Dichloroethene	2.0	10	ND	
Freon 113	1.9	10	ND	
Methylene Chloride	7.1	10	ND	
trans-1,2-Dichloroethene	2.1	10	ND	
MTBE	2.3	10	ND	
TBA	12	50	ND	
Diisopropyl ether	2.3	10	ND	
1,1-Dichloroethane	2.2	10	ND	
Ethyl tert-Butyl ether	2.3	10	ND	
cis-1,2-Dichloroethene	2.2	10	ND	
2,2-Dichloropropane	1.9	10	ND	
Bromochloromethane	2.3	10	ND	
Chloroform	2.4	10	ND	
Carbon Tetrachloride	2.1	10	ND	
1,1,1-Trichloroethane	2.1	10	ND	
1,1-Dichloropropene	2.0	10	ND	
Benzene	2.2	10	ND	
TAME	2.3	10	ND	
1,2-Dichloroethane	2.3	10	ND	
Trichloroethylene	1.8	10	ND	
Dibromomethane	1.8	10	ND	
1,2-Dichloropropane	1.9	10	ND	
Bromodichloromethane	2.0	10	ND	
cis-1,3-Dichloropropene	1.6	10	ND	
Toluene	1.8	10	ND	
Tetrachloroethylene	1.7	10	ND	
trans-1,3-Dichloropropene	1.6	10	ND	
1,1,2-Trichloroethane	1.8	10	ND	
Dibromochloromethane	1.9	10	ND	
1,3-Dichloropropane	1.8	10	ND	
1,2-Dibromoethane	1.8	10	ND	
Chlorobenzene	1.8	10	ND	
Ethylbenzene	1.7	10	ND	
1,1,1,2-Tetrachloroethane	1.9	10	ND	
m,p-Xylene	3.2	10	ND	



MB Summary Report

Work Order:	1907044	Prep Method:	5035	Prep Date:	07/09/19	Prep Batch:	1114645
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	7/9/2019	Analytical Batch:	440611
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
o-Xylene	1.7	10	ND		
Styrene	1.6	10	ND		
Bromoform	1.7	10	ND		
Isopropyl Benzene	1.6	10	ND		
n-Propylbenzene	1.6	10	ND		
Bromobenzene	1.8	10	ND		
1,1,2,2-Tetrachloroethane	1.9	10	ND		
2-Chlorotoluene	1.8	10	ND		
1,3,5-Trimethylbenzene	1.6	10	ND		
1,2,3-Trichloropropane	1.9	10	ND		
4-Chlorotoluene	1.6	10	ND		
tert-Butylbenzene	1.6	10	ND		
1,2,4-Trimethylbenzene	1.4	10	ND		
sec-Butyl Benzene	1.6	10	ND		
p-Isopropyltoluene	1.5	10	ND		
1,3-Dichlorobenzene	1.7	10	ND		
1,4-Dichlorobenzene	1.7	10	ND		
n-Butylbenzene	1.5	10	ND		
1,2-Dichlorobenzene	1.8	10	ND		
1,2-Dibromo-3-Chloropropane	1.8	10	ND		
Hexachlorobutadiene	1.4	10	2.0	J	
1,2,4-Trichlorobenzene	1.5	10	2.0	J	
Naphthalene	1.7	10	2.9	J	
1,2,3-Trichlorobenzene	1.7	10	2.5	J	
2-Butanone	2.3	10	2.9	J	
4-Methyl-2-Pentanone	2.0	10	ND		
(S) Dibromofluoromethane			102		
(S) Toluene-d8			101		
(S) 4-Bromofluorobenzene			94.0		

Work Order:	1907044	Prep Method:	5035	Prep Date:	07/09/19	Prep Batch:	1114645
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	7/9/2019	Analytical Batch:	440611
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
Acetone	8.2	20	ND		



MB Summary Report

Work Order:	1907044	Prep Method:	5035GRO	Prep Date:	07/09/19	Prep Batch:	1114646
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	7/9/2019	Analytical Batch:	440611
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
TPH(Gasoline)	43	100	ND		
(S) 4-Bromofluorobenzene			112		



MB Summary Report

Work Order:	1907044	Prep Method:	3546-BNASIM	Prep Date:	07/10/19	Prep Batch:	1114652
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	7/10/2019	Analytical Batch:	440644
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier	
N-Nitrosodimethylamine	0.22	100	ND		
Phenol	1.7	100	ND		
Bis(2-chloroethyl) ether	0.50	50	ND		
2-Chlorophenol	1.2	100	ND		
1,3-Dichlorobenzene	0.50	50	ND		
1,4-Dichlorobenzene	1.1	50	ND		
1,2-Dichlorobenzene	0.50	50	ND		
2-Methylphenol (o-Cresol)	1.0	100	ND		
Bis(2-chloroisopropyl)ether	0.50	50	ND		
3-/4-Methylphenol (p-/m-Cresol)	1.2	100	ND		
N-nitroso-di-n-propylamine	1.3	100	ND		
Hexachloroethane	0.29	50	ND		
Nitrobenzene	0.65	50	ND		
2-Nitrophenol	1.0	100	ND		
2,4-Dimethylphenol	1.2	100	ND		
Bis(2-Chloroethoxy)methane	3.6	50	ND		
2,4-Dichlorophenol	0.36	100	ND		
1,2,4-Trichlorobenzene	0.50	50	ND		
Naphthalene	0.29	50	ND		
4-Chloroaniline	0.50	100	ND		
2,6-Dichlorophenol	0.36	100	ND		
Hexachloro-1,3-butadiene	0.36	50	ND		
4-Chloro-3-methylphenol	1.0	100	ND		
2-Methylnaphthalene	0.50	50	ND		
1-Methylnaphthalene	0.43	50	ND		
2,4,6-Trichlorophenol	0.65	100	ND		
2,4,5-Trichlorophenol	0.58	100	ND		
2-Chloronaphthalene	0.65	50	1.05	J	
1,4-Dinitrobenzene	3.3	100	ND		
Dimethyl phthalate	0.65	50	ND		
1,3-Dinitrobenzene	2.7	100	ND		
Acenaphthylene	0.29	50	ND		
2,6-Dinitrotoluene	2.9	50	ND		
1,2-Dinitrobenzene	4.7	100	ND		
Acenaphthene	0.29	50	ND		
Dibenzofuran	0.58	50	ND		
2,4-Dinitrotoluene	2.4	50	ND		
2,3,5,6-Tetrachlorophenol	6.0	100	ND		
2,3,4,6-Tetrachlorophenol	6.6	100	ND		
Diethylphthalate	1.7	50	ND		
Fluorene	0.50	50	ND		



MB Summary Report

Work Order:	1907044	Prep Method:	3546-BNASIM	Prep Date:	07/10/19	Prep Batch:	1114652
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	7/10/2019	Analytical Batch:	440644
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
4-Chlorophenyl phenyl ether	0.65	50	ND	
4-Bromophenyl phenyl ether	0.36	50	ND	
Hexachlorobenzene	0.36	50	ND	
Pentachlorophenol	5.2	100	ND	
Phenanthrene	0.36	50	ND	
Anthracene	0.65	50	ND	
Carbazole	0.94	100	ND	
Di-n-butylphthalate	1.7	50	1.73	
Fluoranthene	0.65	50	ND	
Pyrene	0.58	50	ND	
Benzyl butyl phthalate	1.2	50	ND	
Benz[a]anthracene	0.58	50	0.729	J
Chrysene	0.50	50	ND	
Bis(2-Ethylhexyl)phthalate	3.6	50	7.76	J
Di-n-octyl phthalate	1.1	50	ND	
Benzo[b]fluoranthene	0.58	50	ND	
Benzo[k]fluoranthene	0.50	50	ND	
Benzo[a]pyrene	0.58	50	ND	
Indeno[1,2,3-cd]pyrene	0.79	50	ND	
Dibenz[a,h]anthracene	0.72	50	ND	
Benzo[g,h,i]perylene	0.72	50	ND	
Pyridine	1.8	100	ND	
2-Fluorophenol (S)			63.5	
Phenol-d6 (S)			60.6	
Nitrobenzene-d5 (S)			59.9	
2-Fluorobiphenyl (S)			58.2	
2,4,6-Tribromophenol (S)			62.7	
p-Terphenyl-d14 (S)			78.8	

Work Order:	1907044	Prep Method:	7199MP	Prep Date:	07/10/19	Prep Batch:	1114678
Matrix:	Soil	Analytical Method:	SW7199	Analyzed Date:	7/10/2019	Analytical Batch:	440642
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
Hexavalent Chromium	0.83	10	0.97	



MB Summary Report

Work Order:	1907044	Prep Method:	1311/3010B	Prep Date:	07/16/19	Prep Batch:	1114813
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	7/16/2019	Analytical Batch:	440770
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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Chromium (TCLP)

0.010

0.20

ND

Lead (TCLP)

0.050

0.20

ND

Work Order:	1907044	Prep Method:	WET/3010B	Prep Date:	07/18/19	Prep Batch:	1114869
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	7/18/2019	Analytical Batch:	440829
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Lab Qualifier
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Chromium (STLC)

0.010

0.20

0.030

Lead (STLC)

0.050

0.20

ND



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1907044	Prep Method:	5035	Prep Date:	07/08/19	Prep Batch:	1114618
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	7/9/2019	Analytical Batch:	440578
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	89.8	89.9	0.222	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	107	107	0.374	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	103	105	1.73	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	100	103	2.94	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	101	101	0.595	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	109	108		59.8 - 148		
(S) Toluene-d8				50.0	101	106		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	110	110		55.8 - 141		

Work Order:	1907044	Prep Method:	5035GRO	Prep Date:	07/08/19	Prep Batch:	1114619
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	7/9/2019	Analytical Batch:	440578
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(Gasoline)	43	100	ND	1000	92.4	93.0	0.647	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	95.6	100		43.9 - 127		

Work Order:	1907044	Prep Method:	3546_TPH	Prep Date:	07/09/19	Prep Batch:	1114620
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	7/9/2019	Analytical Batch:	440607
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	0.85	2.0	ND	25.0	67.1	73.9	9.63	52 - 115	30	
Pentacosane (S)				200	68.9	78.9		59 - 129		

Work Order:	1907044	Prep Method:	7471BP	Prep Date:	07/09/19	Prep Batch:	1114632
Matrix:	Soil	Analytical Method:	SW7471B	Analyzed Date:	7/10/2019	Analytical Batch:	440616
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	86.8	87.2	0.000	80 - 120	30	



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1907044	Prep Method:	3050B	Prep Date:	07/09/19	Prep Batch:	1114633
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	7/10/2019	Analytical Batch:	440622
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	92.7	106	13.1	80 - 120	30	
Arsenic	0.15	1.30	ND	50	95.1	108	12.6	80 - 120	30	
Barium	0.055	5.00	ND	50	97.4	112	13.9	80 - 120	30	
Beryllium	0.055	5.00	ND	50	94.0	106	12.4	80 - 120	30	
Cadmium	0.10	5.00	ND	50	92.1	106	13.9	80 - 120	30	
Chromium	0.075	5.00	ND	50	104	113	8.09	80 - 120	30	
Cobalt	0.070	5.00	ND	50	94.4	108	13.3	80 - 120	30	
Copper	0.20	5.00	0.45	50	96.4	111	14.3	80 - 120	30	
Lead	0.10	3.00	ND	50	94.4	109	14.0	80 - 120	30	
Molybdenum	0.050	5.00	0.050	50	102	116	13.2	80 - 120	30	
Nickel	0.50	5.00	ND	50	94.2	108	13.3	80 - 120	30	
Selenium	0.22	5.00	ND	50	91.8	104	12.8	80 - 120	30	
Silver	0.15	5.00	ND	50	92.7	104	11.4	80 - 120	30	
Thallium	0.20	5.00	ND	50	91.0	102	11.8	80 - 120	30	
Vanadium	0.10	5.00	ND	50	98.4	114	14.7	80 - 120	30	
Zinc	0.30	5.00	ND	50	91.9	106	14.0	80 - 120	30	

Work Order:	1907044	Prep Method:	3546_PCB	Prep Date:	07/09/19	Prep Batch:	1114638
Matrix:	Soil	Analytical Method:	SW8082A	Analyzed Date:	7/10/2019	Analytical Batch:	440626
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	53	100	ND	600	108	110	1.84	25 - 145	30	
Aroclor1260	36	100	ND	600	97.2	96.7	0.516	30 - 145	30	
TCMX (S)				0.10	92.0	87.0		48 - 125		
DCBP (S)				0.10	99.0	88.0		48 - 135		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1907044	Prep Method:	3546_OCP	Prep Date:	07/09/19	Prep Batch:	1114639
Matrix:	Soil	Analytical Method:	SW8081B	Analyzed Date:	7/10/2019	Analytical Batch:	440641
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	99.3	93.2	6.23	25 - 135	30	
Heptachlor	0.11	2.0	ND	40	103	95.8	7.30	40 - 130	30	
Aldrin	0.20	2.0	ND	40	94.0	88.3	6.31	25 - 140	30	
Dieldrin	0.15	2.0	ND	40	92.7	88.0	5.26	60 - 130	30	
Endrin	0.19	2.0	ND	40	99.0	91.2	8.15	55 - 135	30	
4,4'-DDT	0.13	2.0	ND	40	107	94.5	12.6	45 - 140	30	
TCMX (S)				100	91.6	85.5		48 - 125		
DCBP (S)				100	105	102		38 - 135		

Work Order:	1907044	Prep Method:	5035	Prep Date:	07/09/19	Prep Batch:	1114645
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	7/9/2019	Analytical Batch:	440611
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	99.0	94.8	4.33	53.7 - 139	30	
Benzene	2.2	10	ND	50.0	106	101	4.26	66.5 - 135	30	
Trichloroethylene	1.8	10	ND	50.0	102	97.5	4.42	57.5 - 150	30	
Toluene	1.8	10	ND	50.0	108	104	3.57	56.8 - 134	30	
Chlorobenzene	1.8	10	ND	50.0	103	102	0.781	57.4 - 134	30	
(S) Dibromofluoromethane				50.0	101	97.0		59.8 - 148		
(S) Toluene-d8				50.0	99.4	97.4		55.2 - 133		
(S) 4-Bromofluorobenzene				50.0	98.6	95.0		55.8 - 141		

Work Order:	1907044	Prep Method:	5035GRO	Prep Date:	07/09/19	Prep Batch:	1114646
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	7/10/2019	Analytical Batch:	440611
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(Gasoline)	43	100	ND	1000	99.9	102	2.08	48.2 - 132	30	
(S) 4-Bromofluorobenzene				50	109	110		43.9 - 127		



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1907044	Prep Method:	3546-BNASIM	Prep Date:	07/10/19	Prep Batch:	1114652
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	7/10/2019	Analytical Batch:	440644
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Phenol	18	100	ND	800	60.1	60.2	0.208	40 - 100	30	
2-Chlorophenol	1.2	100	ND	800	59.0	58.5	0.851	45 - 105	30	
1,4-Dichlorobenzene	1.1	50	ND	400	57.1	57.2	0.438	35 - 105	30	
N-nitroso-di-n-propylamine	1.3	100	ND	800	64.2	65.3	1.54	40 - 115	30	
1,2,4-Trichlorobenzene	0.50	50	ND	400	60.0	59.4	0.837	45 - 110	30	
4-Chloro-3-methylphenol	1.0	100	ND	800	67.0	71.0	5.80	45 - 110	30	
Acenaphthene	0.29	50	ND	400	58.5	60.0	2.53	45 - 110	30	
2,4-Dinitrotoluene	2.4	50	ND	400	64.2	67.1	4.56	50 - 115	30	
Pentachlorophenol	5.2	100	ND	800	78.8	78.9	0.159	25 - 120	30	
Pyrene	0.58	50	ND	400	79.5	78.6	0.948	45 - 125	30	
2-Fluorophenol (S)				11100	62.8	62.6		25 - 125		
Phenol-d6 (S)				11100	63.9	63.7		25 - 125		
Nitrobenzene-d5 (S)				5560	62.1	62.8		35 - 125		
2-Fluorobiphenyl (S)				5560	58.4	58.2		35 - 125		
2,4,6-Tribromophenol (S)				11100	71.9	72.3		25 - 125		
p-Terphenyl-d14 (S)				5560	81.4	80.8		35 - 125		

Work Order:	1907044	Prep Method:	7199MP	Prep Date:	07/10/19	Prep Batch:	1114678
Matrix:	Soil	Analytical Method:	SW7199	Analyzed Date:	7/10/2019	Analytical Batch:	440642
Units:	ug/Kg						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Hexavalent Chromium	0.83	10	0.97	100	98.8	98.7	0.101	80 - 120	20	

Work Order:	1907044	Prep Method:	1311/3010B	Prep Date:	07/16/19	Prep Batch:	1114813
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	7/16/2019	Analytical Batch:	440770
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium (TCLP)	0.010	0.20	ND	10	99.9	100	0.100	80 - 120	20	
Lead (TCLP)	0.050	0.20	ND	10	98.9	98.9	0.000	80 - 120	20	



LCS/LCSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1907044	Prep Method:	WET/3010B	Prep Date:	07/18/19	Prep Batch:	1114869
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	7/18/2019	Analytical Batch:	440829
Units:	mg/L						

Parameters	MDL	PQL	Method Blank Conc.	Spike Conc.	LCS % Recovery	LCSD % Recovery	LCS/LCSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Chromium (STLC)	0.010	0.20	0.030	10	88.1	87.6	0.569	80 - 120	20	
Lead (STLC)	0.050	0.20	ND	10	95.7	93.4	2.43	80 - 120	20	



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1907044	Prep Method:	5035	Prep Date:	07/08/19	Prep Batch:	1114618
Matrix:	Soil	Analytical Method:	SW8260B	Analyzed Date:	7/9/2019	Analytical Batch:	440578
Spiked Sample:	1907044-006A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
1,1-Dichloroethene	2.0	10	ND	50	98.1	97.4	0.818	55 - 125	30	
Benzene	2.2	10	ND	50	110	112	1.62	55 - 125	30	
Trichloroethylene	1.8	10	ND	50	116	114	1.92	55 - 125	30	
Toluene	1.8	10	ND	50	99.0	99.5	0.403	55 - 125	30	
Chlorobenzene	1.8	10	ND	50	99.2	98.4	0.810	55 - 125	30	
(S) Dibromofluoromethane				50	116	122		59.8 - 148		
(S) Toluene-d8				50	98.7	98.3		55.2 - 133		
(S) 4-Bromofluorobenzene				50	116	120		55.8 - 141		

Work Order:	1907044	Prep Method:	3546_TPH	Prep Date:	07/09/19	Prep Batch:	1114620
Matrix:	Soil	Analytical Method:	SW8015B	Analyzed Date:	7/10/2019	Analytical Batch:	440607
Spiked Sample:	1907044-002A						
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	0.850	2.00	ND	25.0	50.1	60.6	16.9	52 - 115	30	S
Pentacosane (S)				200	67.7	76.9		59 - 129		

Work Order:	1907044	Prep Method:	7471BP	Prep Date:	07/09/19	Prep Batch:	1114632
Matrix:	Soil	Analytical Method:	SW7471B	Analyzed Date:	7/10/2019	Analytical Batch:	440616
Spiked Sample:	1907044-006A						
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	96.3	95.3	0.791	75 - 125	30	



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1907044	Prep Method:	3050B	Prep Date:	07/09/19	Prep Batch:	1114633
Matrix:	Soil	Analytical Method:	SW6010B	Analyzed Date:	7/10/2019	Analytical Batch:	440622
Spiked Sample:	1907044-006A						
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	75.4	72.2	3.97	30.7 - 130	30	
Arsenic	0.15	1.30	4.05	50	85.7	83.8	1.94	71.0 - 121	30	
Barium	0.055	5.00	63.0	50	98.5	74.2	11.3	70.2 - 130	30	
Beryllium	0.055	5.00	ND	50	84.8	83.5	1.42	73.3 - 115	30	
Cadmium	0.10	5.00	ND	50	91.3	87.4	4.27	80.0 - 110	30	
Chromium	0.075	5.00	206	50	0	0	2.50	76.0 - 116	30	NR
Cobalt	0.070	5.00	28.6	50	80.0	74.0	4.47	57.4 - 122	30	
Copper	0.20	5.00	18.7	50	95.1	90.7	3.37	74.8 - 119	30	
Lead	0.10	3.00	7.44	50	76.9	72.3	5.14	57.9 - 118	30	
Molybdenum	0.050	5.00	ND	50	91.2	89.3	2.02	62.9 - 123	30	
Nickel	0.50	5.00	186	50	79.0	60.4	4.52	61.5 - 122	30	S
Selenium	0.22	5.00	ND	50	88.9	86.7	2.78	62.0 - 111	30	
Silver	0.15	5.00	ND	50	98.9	93.0	6.16	81.1 - 109	30	
Thallium	0.20	5.00	ND	50	73.0	71.8	1.90	39.2 - 125	30	
Vanadium	0.10	5.00	25.8	50	90.4	82.6	5.65	65.8 - 122	30	
Zinc	0.30	5.00	30.3	50	68.2	58.9	7.41	59.9 - 122	30	S

Work Order:	1907044	Prep Method:	3546_PCB	Prep Date:	07/09/19	Prep Batch:	1114638
Matrix:	Soil	Analytical Method:	SW8082A	Analyzed Date:	7/10/2019	Analytical Batch:	440626
Spiked Sample:	1907044-002A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Aroclor1016	53.0	100	ND	600	99.8	101	1.16	25 - 145	30	
Aroclor1260	36.0	100	ND	600	91.8	89.7	2.38	30 - 145	30	
TCMX (S)				0.10	83.0	81.0		48 - 125		
DCBP (S)				0.10	86.0	84.0		48 - 135		



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1907044	Prep Method:	3546_OCP	Prep Date:	07/09/19	Prep Batch:	1114639
Matrix:	Soil	Analytical Method:	SW8081B	Analyzed Date:	7/10/2019	Analytical Batch:	440641
Spiked Sample:	1907044-003A						
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)	0.159	2.00	ND	40	79.3	81.7	3.11	25 - 135	30	
Heptachlor	0.105	2.00	ND	40	83.1	85.0	2.38	40 - 130	30	
Aldrin	0.195	2.00	ND	40	75.3	77.9	3.27	25 - 140	30	
Dieldrin	0.148	2.00	ND	40	74.0	76.2	3.00	60 - 130	30	
Endrin	0.188	2.00	ND	40	82.6	85.2	3.28	55 - 135	30	
4,4'-DDT	0.129	2.00	ND	40	84.6	94.9	11.4	45 - 140	30	
TCMX (S)				100	73.4	75.8		48 - 125		
DCBP (S)				100	86.4	91.6		38 - 135		

Work Order:	1907044	Prep Method:	3546-BNASIM	Prep Date:	07/10/19	Prep Batch:	1114652
Matrix:	Soil	Analytical Method:	SW8270C	Analyzed Date:	7/11/2019	Analytical Batch:	440644
Spiked Sample:	1907044-002A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Phenol	18.0	100	ND	800	43.4	43.7	0.861	40 - 100	30	
2-Chlorophenol	1.15	100	ND	800	51.5	50.5	1.96	45 - 105	30	
1,4-Dichlorobenzene	1.08	50	ND	400	57.6	56.1	2.20	35 - 105	30	
N-nitroso-di-n-propylamine	1.30	0.10	ND	800	56.3	55.7	1.12	40 - 115	30	
1,2,4-Trichlorobenzene	0.504	50	ND	400	60.0	59.0	1.68	45 - 110	30	
4-Chloro-3-methylphenol	1.01	100	ND	800	48.9	52.2	6.67	45 - 110	30	
Acenaphthene	0.288	50	ND	400	56.4	57.8	2.19	45 - 110	30	
2,4-Dinitrotoluene	2.38	50	ND	400	51.5	55.2	7.03	50 - 115	30	
Pentachlorophenol	5.18	100	ND	800	52.6	53.4	1.65	25 - 120	30	
Pyrene	0.576	50	ND	400	67.4	69.3	2.92	45 - 125	30	
2-Fluorophenol (S)				11100	46.3	43.9	5.32	25 - 125		
Phenol-d6 (S)				11100	45.5	43.4	4.72	25 - 125		
Nitrobenzene-d5 (S)				5560	58.6	56.8	3.12	35 - 125		
2-Fluorobiphenyl (S)				5560	56.4	54.9	2.70	35 - 125		
2,4,6-Tribromophenol (S)				11100	53.3	51.7	3.05	25 - 125		
p-Terphenyl-d14 (S)				5560	69.0	68.0	1.46	35 - 125		



MS/MSD Summary Report

Raw values are used in quality control assessment.

Work Order:	1907044	Prep Method:	7199MP	Prep Date:	07/10/19	Prep Batch:	1114678
Matrix:	Soil	Analytical Method:	SW7199	Analyzed Date:	10-Jul-2019	Analytical Batch:	440642
Spiked Sample:	1907044-002A						
Units:	ug/Kg						

Parameters	MDL	PQL	Sample Conc.	Spike Conc.	MS % Recovery	MSD % Recovery	MS/MSD % RPD	% Recovery Limits	% RPD Limits	Lab Qualifier
Hexavalent Chromium	0.83	10	ND	100	103	102	0.966	75 - 125	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 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

Project Name: E.14th St., Ashland, CA

Work Order No.: 1907044

Date and Time Received: 7/8/2019 11:40:00AM

Received By: Kathie Evans

Physically Logged By: Helena Ueng

Checklist Completed By: Helena Ueng

Carrier Name: FedEx SameDay

Chain of Custody (COC) Information

Chain of custody present?	<u>Yes</u>
Chain of custody signed when relinquished and received?	<u>Yes</u>
Chain of custody agrees with sample labels?	<u>Yes</u>
Custody seals intact on sample bottles?	<u>Not Present</u>

Sample Receipt Information

Custody seals intact on shipping container/cooler?	<u>Not Present</u>
Shipping Container/Cooler In Good Condition?	<u>Yes</u>
Samples in proper container/bottle?	<u>Yes</u>
Samples containers intact?	<u>Yes</u>
Sufficient sample volume for indicated test?	<u>Yes</u>

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	<u>Yes</u>	
Container/Temp Blank temperature in compliance?	<u>Yes</u>	Temperature: 5.0 °C
Water-VOA vials have zero headspace?	<u>No VOA vials submitted</u>	
Water-pH acceptable upon receipt?	<u>N/A</u>	
pH Checked by: N/A	pH Adjusted by: N/A	

Comments:



Login Summary Report

Client ID: TL5144 Ninyo & Moore

Project Name: E.14th St., Ashland, CA

Project # :

Report Due Date: 7/18/2019

Comments:

Work Order # : 1907044

QC Level: II

TAT Requested: 3 Day Std:3

Date Received: 7/8/2019

Time Received: 11:40 am

<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>
1907044-001A	B2-3.0	07/03/19 7:52	Soil	12/30/19			Cr6_S_7199Mod Pest_S_8081OCP SVO_BNASIM Full TPHDO_S_8015(Mod) PCBs_S_8082A Hg_S_7471B VOC_S_GRO VOC_S_8260B Met_S_6010B CAM17 Sub_Asb CARB435 A	Yes
Sample Note: Client will need STLC and TCLP if total metals are >10x STLC, >20x TCLP limits respectively								
1907044-002A	B3-3.0	07/03/19 13:18	Soil	12/30/19			Cr6_S_7199Mod Pest_S_8081OCP SVO_BNASIM Full TPHDO_S_8015(Mod) PCBs_S_8082A Hg_S_7471B VOC_S_GRO VOC_S_8260B Met_S_6010B CAM17 Sub_Asb CARB435 A	Yes
1907044-003A	B4-3.0	07/03/19 23:40	Soil	12/30/19			Cr6_S_7199Mod Pest_S_8081OCP SVO_BNASIM Full TPHDO_S_8015(Mod) PCBs_S_8082A Hg_S_7471B VOC_S_GRO VOC_S_8260B Met_S_6010B CAM17 Sub_Asb CARB435 A	Yes



Login Summary Report

Client ID: TL5144 Ninyo & Moore

Project Name: E.14th St., Ashland, CA

Project # :

Report Due Date: 7/18/2019

Comments:

Work Order # : 1907044

QC Level: II

TAT Requested: 3 Day Std:3

Date Received: 7/8/2019

Time Received: 11:40 am

<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>
1907044-004A	B5-5.0	07/03/19 8:45	Soil	12/30/19			Cr6_S_7199Mod Pest_S_8081OCP SVO_BNASIM Full TPHDO_S_8015(Mod) PCBs_S_8082A Hg_S_7471B VOC_S_GRO VOC_S_8260B Met_S_6010B CAM17 Sub_Asb CARB435 A	Yes
1907044-005A	B6-5.0	07/03/19 9:40	Soil	12/30/19			Cr6_S_7199Mod VOC_S_GRO VOC_S_8260B Pest_S_8081OCP SVO_BNASIM Full TPHDO_S_8015(Mod) PCBs_S_8082A Hg_S_7471B Met_S_6010B CAM17 Sub_Asb CARB435 A	Yes
1907044-006A	B7-2.0	07/03/19 10:51	Soil	12/30/19			Cr6_S_7199Mod Sub_Asb CARB435 A Met_S_6010B CAM17 VOC_S_8260B VOC_S_GRO Hg_S_7471B PCBs_S_8082A TPHDO_S_8015(Mod) SVO_BNASIM Full Pest_S_8081OCP Met_S_CAM17TCLP	Yes



Login Summary Report

Client ID: TL5144 Ninyo & Moore

Project Name: E.14th St., Ashland, CA

Project # :

Report Due Date: 7/18/2019

Comments:

Work Order # : **1907044**

QC Level: II

TAT Requested: 3 Day Std:3

Date Received: 7/8/2019

Time Received: 11:40 am

<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>
							Met_S_CAM17STLC	



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

CHAIN OF CUSTODY

• NOTE: SHADED AREAS ARE FOR TORRENT LAB USE ONLY •

LAB WORK ORDER NO

1907044

Company Name: Ninyo & Moore			Location of Sampling: E. 14th St., Ashland, CA		
Address: 2020 Challenger Dr.			Purpose: Soil classification		
City: Alameda	State: CA	Zip Code: 94501	Special Instructions / Comments:		
Telephone: 510.343-3000		FAX:			
REPORT TO: Helen Hild		SAMPLER: Forrest McFarland	P.O. #: 402322032		EMAIL: hhild@ninyoandmoore.com

TURNAROUND TIME:

- ☐ 10 Work Days ☒ 3 Work Days ☐ Noon - Nxt Day
☐ 7 Work Days ☐ 2 Work Days ☐ 2 - 8 Hours
☐ 5 Work Days ☐ 1 Work Day ☐ Other

SAMPLE TYPE:

- ☐ Storm Water ☐ Air
☐ Waste Water ☐ Other
☐ Ground Water
☒ Soil

REPORT FORMAT:

- ☐ QC Level IV
☐ EDF
☐ Excel / EDD

TPGg/btex/mthe
TPHd/mo 8015
VOCs 8260
SVOCs 8270 SIM
OCP/PCBs 8081/82
Asbestos CARB 435
Hex Chrome 7199
Title 22 Metals 6010

ANALYSIS
REQUESTED

LAB ID	CLIENT'S SAMPLE I.D.	DATE / TIME SAMPLED	MATRIX	# OF CONT	CONT TYPE	TPGg/btex/mthe	TPHd/mo 8015	VOCs 8260	SVOCs 8270 SIM	OCP/PCBs 8081/82	Asbestos CARB 435	Hex Chrome 7199	Title 22 Metals 6010	REMARKS
	B1	7/3	S	1	Jar	✓	✓	✓	✓	✓	✓	✓	✓	TPHg/etc. 8015/8260mc
002A	B2 ~3.0	7/3 0752	S	1	Jar	✓	✓	✓	✓	✓	✓	✓	✓	Metals w/tclp/stlc analy
003A	B3 ~3.0	7/3 1318	S	1	Jar	✓	✓	✓	✓	✓	✓	✓	✓	...as needed (20x/10x)
003A	B4 ~3.0	7/3 1140	S	1	Jar	✓	✓	✓	✓	✓	✓	✓	✓	
004A	B5 ~5.0	7/3 0845	S	1	Jar	✓	✓	✓	✓	✓	✓	✓	✓	
005A	B6 ~5.0	7/3 0840	S	1	Jar	✓	✓	✓	✓	✓	✓	✓	✓	
006A	B7 ~2.0	7/3 1051	S	1	Jar	✓	✓	✓	✓	✓	✓	✓	✓	

1 Relinquished By: <i>Forrest McFarland</i>	Print: <i>Forrest McFarland</i>	Date: <i>7/5/19</i>	Time: <i>9:50</i>	Received By: <i>Damaris</i>	Print: <i>Damaris</i>	Date: <i>7/8/19</i>	Time: <i>9:40am</i>
2 Relinquished By: <i>Damaris</i>	Print: <i>Damaris</i>	Date: <i>7/8/19</i>	Time: <i>11:40am</i>	Received By: <i>Damaris</i>	Print: <i>Damaris</i>	Date: <i>7/8/19</i>	Time: <i>11:50am</i>

Were Samples Received in Good Condition? ☒ Yes ☐ NO Samples on Ice? ☐ Yes ☐ NO Method of Shipment *FedEx City* 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: _____ Log In Reviewed By: _____ Date: *50C #2* Page _____ of _____



Change Order

Work Order: 1907044

Serial #: CO19-0357

Print Date: 7/12/2019

Project Name: E.14th St., Ashland, CA

Client: Ninyo & Moore

Requested By: Aubrey Cool

	<u>Requested Date</u>	<u>Requested Time</u>	<u>Extended Price</u>
Additional Test-STLC & TCLP Cr; 1 day TAT due 7/16	7/12/2019	10:00:00AM	



EMSL Analytical, Inc.

464 McCormick Street San Leandro, CA 94577

Phone/Fax: (510) 895-3675 / (510) 895-3680

<http://www.EMSL.com> / sanleandrolab@emsl.com

EMSL Order: 091915827

Customer ID: TORR80

Customer PO: 1907044

Project ID:

Attention: Kathie Evans
Torrent Laboratory, Inc.
483 Sinclair Frontage Rd.
Milpitas, CA 95035

Phone: (408) 263-5258
Fax: (408) 263-8293
Received: 07/09/2019 9:00 AM
Analysis Date: 07/15/2019
Collected: 07/03/2019

Project: 1907044

Test Report: PLM Analysis of Bulk Samples for Asbestos via EPA 600/R-93/116 Method with CARB 435 Prep (Milling) Level A for 0.25% Target Analytical Sensitivity

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
1907044-001A 091915827-0001		Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1907044-002A 091915827-0002		Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1907044-003A 091915827-0003		Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1907044-004A 091915827-0004		Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1907044-005A 091915827-0005		Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
1907044-006A 091915827-0006		Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Analyst(s)

Kevin Lares (6)

Matthew Batongbacal
or other approved signatory

This report relates only to the samples listed above and may not be reproduced except in full, without EMSL's written approval. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST, or any agency of the federal government. EMSL is not responsible for sample collection activities or method limitations. Some samples may contain asbestos fibers below the resolution limit of PLM. EMSL recommends that samples reported as none detected or less than the limit of detection undergo additional analysis via TEM. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc San Leandro, CA

Initial report from: 07/15/2019 12:01:05



2020 Challenger Drive, Suite 103 | Alameda, California 94501 | p. 510.343.3000

ARIZONA | CALIFORNIA | COLORADO | NEVADA | TEXAS | UTAH

www.ninyoandmoore.com