A·C·C ENVIRONMENTAL CONSULTANTS

An Employee Owned Company

SOIL INVESTIGATION REPORT

10033 HILLCREST ROAD
CUPERTINO, CALIFORNIA 95014
ACC PROJECT NUMBER 10260-001.01

MAY 21, 2024

PREPARED ON BEHALF OF:

MR. MOHAMMAD K. ISLAM
10033 HILLCREST ROAD
CUPERTINO, CALIFORNIA

PREPARED BY:

ACC ENVIRONMENTAL CONSULTANTS, INC

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1.0 INTRODUCTION

ACC Environmental Consultants, Inc. (ACC) has prepared this Soil Investigation Report for the property identified as 10033 Hillcrest Road (Site) at the request of Mr. Mohammad K. Islam (Client). The purpose of the investigation was to assess shallow soil for organochlorine pesticides (OCPs) and metals typically associated with agricultural orchards. ACC additionally characterized soil for off-site disposal if soils are off hauled during Site redevelopment, and included analysis of total petroleum hydrocarbons as gasoline (TPH-g), diesel (TPH-g), and motor oil (TPH-mo), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), PCBs, and CAM-17 metals.

2.0 BACKGROUND

2.1 Site Description

The Site is located on the western side of Hillcrest Road between Crescent Road and Cupertino Road in the City of Cupertino, California (Figure 1). The Site consists of one approximately 0.64-acre parcel of land developed with one residential dwelling. The surrounding area is developed for residential use.

The Site was developed with agricultural orchards from approximately 1939 to 1948, with remnants of orchards observed on aerial photographs through 1963. The existing residential dwelling was developed on Site in approximately 1948 (ACC 2024).

2.2 Site Redevelopment

Mr. Islam plans to subdivide the Site into two parcels and redevelop with two single-family residential dwellings.

3.0 SAMPLING METHODOLOGY

On April 4, 2024, ACC collected soil samples at approximately 0.5 and 2.0 feet below ground surface (ft bgs) at eight representative locations across the Site. The approximate soil boring locations are shown on the attached Figure 1.

Soil borings were advanced using a hand auger. Soil samples were collected from the barrel of the hand auger using stainless steel tubes and subsequently capped with Teflon sheeting and tight-fitting plastic caps.

Samples were labeled, logged on a chain-of-custody form, and stored immediately on ice in a cooler pending transport to the laboratory. Soil borings were backfilled with soil cuttings subsequent to sampling.

4.0 SUBSURFACE CONDITIONS

Soil encountered during this investigation consisted of brown clayey sands extending to the total explored depth of approximately 2.0 ft bgs.

5.0 SOIL ANALYTICAL RESULTS

Soil samples were delivered to McCampbell Analytical, Inc. in Pittsburg, California following chain-of-custody protocol. The complete laboratory report and chain-of-custody are attached as Appendix A. Soil analytical results were compared to the Human Health Risk Levels (HHRLs) published by the San Francisco Regional Water Quality Control Board (SFRWQCB) for direct exposure at residential properties and direct exposure to construction workers (SFRWQCB ESL Table S-1, 2019 Rev2), and State and Federal hazardous waste criteria. Soil analytical results and corresponding HHRLs are summarized in the attached Tables 1 through 3.

Soil samples were composited by the laboratory into two 4:1 composite samples and analyzed for the following constituents:

- Total Petroleum Hydrocarbons as gasoline (TPH-g), diesel (TPH-d), and motor oil (TPH-mo) by analytical method 8015;
- Volatile Organic Compounds (VOCs) by analytical method 8260;
- Semi-Volatile Organic Compounds (SVOCs) by analytical method 8270;
- PCBs by analytical method 8082; and
- CAM-17 Metals by analytical method 6010/6020.

Additionally, soil samples were analyzed discretely for:

- Lead and Arsenic by analytical method 6020; and
- Organochlorine Pesticides (OCPs) by analytical method 8081

TPH: TPH-g, TPH-d, and TPH-mo were detected at respective concentrations of up to 8.5, 8.1, and 9.4 milligrams per kilogram (mg/kg), which are below corresponding HHRLs. Hazardous waste criteria is not published for TPH.

SVOCs: Concentrations of SVOCs did not exceed corresponding HHRLs or corresponding hazardous waste criteria.

OCPs: Chlordane was detected up to a maximum concentration of 1.4 mg/kg (ACCB7-0.5), which exceeds the corresponding direct exposure HHRL at residential properties of 0.48 mg/kg, but is below the direct exposure HHRL to construction workers of 14 mg/kg.

Soils with Chlordane concentrations equal to or above 0.60 mg/kg were analyzed by the Federal TCLP method. The TCLP results for Chlordane were non-detect with a reporting limit of 0.00063 milligrams per liter (mg/L).

Dieldrin was detected up to a maximum concentration of 0.17 mg/kg, which exceeds the corresponding direct exposure HHRL at residential properties of 0.037 mg/kg (ACCB7-0.5), but is below the direct exposure HHRL to construction workers of 1.1 mg/kg.

Additional concentrations of OCPs did not exceed corresponding HHRLs or corresponding hazardous waste criteria.

CAM-17 Metals: Metals detected during this sampling event do not exceed SFRWQCB HHRLs for direct exposure at residential properties or direct exposure to construction workers, with the exception of arsenic. Arsenic was detected up to 4.8 mg/kg, which is within typical naturally occurring background concentrations for the San Francisco Bay Area.

Chromium was detected in the composite soil samples collected for waste characterization purposes up to 64 mg/kg. Soils designated for waste characterization with chromium concentrations equal to or above 50 mg/kg were analyzed by California STLC method. The STLC results for chromium were up to 0.12 mg/L and are below the hazardous waste threshold of 5.0 mg/L. Chromium concentrations are within typical naturally occurring concentrations and are not considered indicative of contamination.

Additional metals concentrations do not present a human health risk or exceed corresponding hazardous waste criteria.

VOCs and PCBs were not detected in soil during this sampling event.

6.0 QUALITY ASSURANCE/QUALITY CONTROL (QA/QC)

QA/QC procedures followed in the field were as follows:

- Sampling equipment were decontaminated prior to advancement at each soil boring location using an Alconox solution and double rinsed with potable water. Decontamination rinsate was disposed off-site;
- Stainless steel tubes were supplied in good condition by the manufacturer and not reused;
- Headspace was minimized in soil samples;
- Nitrile gloves were worn and changed frequently (at a minimum of once between each sampling location) when handling samples in order to prevent cross-contamination of samples; and
- Samples were labeled in the field and stored on ice during transport to the laboratory. Chain-of-custody procedures were followed during the sample collection and analysis.

Laboratory QA/QC data are included in the attached Appendix A.

7.0 FINDINGS

Chlordane was reported at or above the direct exposure HHRL at residential properties of 0.48 mg/kg in two samples collected at the surface (ACCB3-0.5 and ACCB7-0.5).

Dieldrin was reported above the direct exposure HHRL at residential properties of 0.037 mg/kg in two samples collected at the surface (ACCB2-0.5 and ACCB7-0.5).

Given the elevated concentrations of OCPs reported at the surface at three locations, ACC additionally analyzed the deeper soil samples collected at two ft bgs at these locations for OCPs.

Samples ACCB2-2 and ACCB3-2 did not contain elevated concentrations of OCPs, including chlordane and dieldrin, above corresponding screening levels.

Sample ACCB7-2 contained Dieldrin at a concentration of 0.055 mg/kg, which exceeds the corresponding residential HHRL. Chlordane was reported below corresponding screening levels at 2.0 ft bgs at this sample location.

8.0 CONCLUSIONS

Elevated concentrations of OCPs were detected at locations ACCB2, ACCB3, and ACCB7 and additional sampling is warranted to further delineate the vertical extent at ACCB7.

Concentrations of additional constituents do not exceed corresponding HHRLs for direct exposure at residential properties or direct exposure to construction workers.

9.0 RECOMMENDATIONS

ACC recommends preparation of a Soil Management Plan describing how OCP-impacted soils will be handled and disposed (as needed) during soil excavation, as well as dust control measures, characterization of imported soil (as needed), confirmation soil sampling (as warranted), and contingency measures for unexpected conditions such as previously unidentified subsurface contamination.

Waste Characterization: The attached laboratory report indicates that shallow soil would be profiled as non-hazardous waste if hauled off-site during Site redevelopment. The attached data are anticipated to be sufficient for disposal at a landfill.

10.0 LIMITATIONS

The service performed by ACC has been conducted in a manner consistent with the levels of care

and skill ordinarily exercised by members of our profession currently practicing under similar conditions in the area. No other warranty, expressed or implied, is made.

The conclusions presented in this report are professional opinions based on the indicated data described in this report and applicable regulations and guidelines currently in place. They are intended only for the purpose, site, and project indicated. Opinions and recommendations presented herein apply to site conditions existing at the time of our study. Site conditions and applicable regulations could change over time.

ACC has included analytical results from a state-certified laboratory, which performs analyses according to procedures suggested by the U.S. Environmental Protection Agency and/or the State of California. ACC shall not be responsible for laboratory errors.

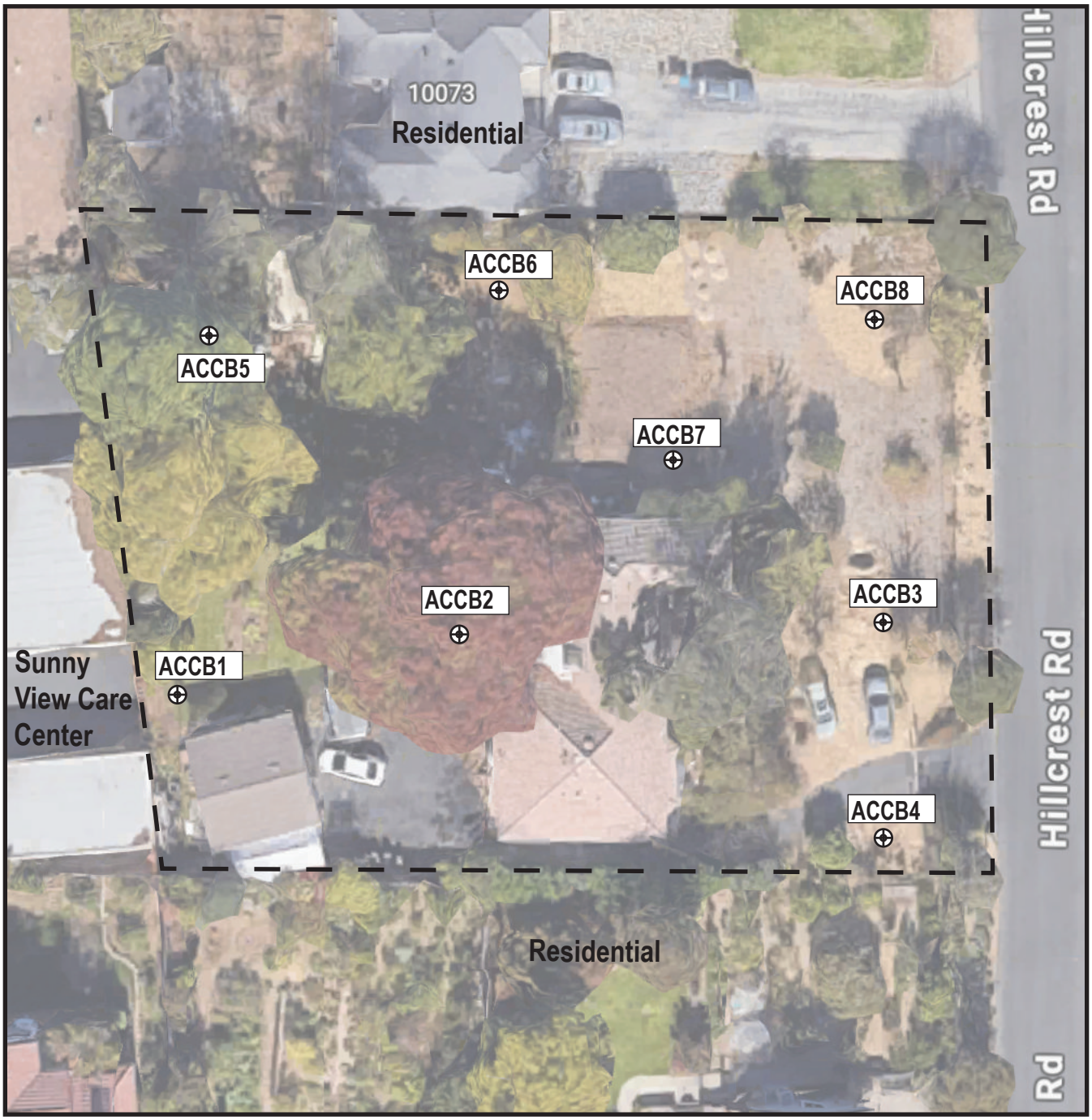
We appreciate the opportunity to assist you with this project. If you have any questions regarding this report please contact (510) 638-8400 or kbunting@accenv.com.

11.0 REFERENCES

Phase I Environmental Site Assessment (ESA) Report. 10033 Hillcrest Road, Cupertino, California. ACC Environmental Consultants, March 6, 2024.

(SFRWQCB 2019) *Environmental Screening Levels*. San Francisco Regional Water Quality Control Board (SFRWQCB). February 2019 (Rev. 2).

FIGURE 1



BASEMAP SOURCE: GOOGLE MAPS (4.3.24)

ALL DIMENSIONS & LOCATIONS APPROXIMATE

Scale (Feet): 0 25 50

⊕ = ACC Soil Boring Location (2024)

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FIGURE 1

SITE MAP WITH SAMPLE LOCATIONS

Site Boundary

ACC NO: 10260-001.01

DATE: 4.4.2024

DRAWN BY: KB

10033 Hillcrest Road
Cupertino, California

TABLES 1-3

TABLE 1
Soils Analytical Results Summary (OCPs)
10033 Hillcrest Road, Cupertino, California
ACC Project Number: 10260-001.01

Sample ID	Sample Date	Chemical Compound & Concentrations (mg/kg)											
		Chlordane (Technical)/ TCLP (mg/L)	a-Chlordane	g-Chlordane	p,p-DDD	p,p-DDE	p,p-DDT	Dieldrin	Endrin	Endosulfan Sulfate	Heptachlor	Heptachlor epoxide	Other OCPs
ACCB1-0.5	**04.04.2024**	**0.10**	**0.0099**	**0.0060**	<0.00050	**0.016**	**0.0095**	**0.012**	<0.00050	**0.00076**	**0.0032**	**0.0022**	ND
ACCB2-0.5		**0.27**	**0.025**	**0.030 P**	<0.0010	**0.015**	**0.0085**	**0.039**	<0.0010	<0.0010	<0.0010	<0.0010	ND
ACCB2-2.0		**0.14**	**0.011**	**0.014 P**	<0.00050	**0.0021**	<0.00050	**0.023**	<0.00050	<0.00050	<0.00050	**0.0037**	ND
ACCB3-0.5		**0.48**	**0.040**	**0.048 P**	**0.0034 P**	**0.046**	**0.026**	**0.031**	<0.0010	<0.0010	<0.0010	**0.0029**	ND
ACCB3-2.0		<0.0025	**0.00034**	**0.00051 P**	<0.00010	**0.00048**	**0.000094 J**	**0.00040**	<0.00010	<0.00010	<0.00010	**0.000052JP**	ND
ACCB4-0.5		<0.050	**0.019**	**0.0052 P**	<0.0020	**0.0086**	**0.0058 P**	**0.015**	<0.0020	<0.0020	<0.0020	<0.0020	ND
ACCB5-0.5		<0.025	**0.0085**	**0.0030 P**	<0.0010	**0.0054**	**0.0039**	**0.0066**	<0.0010	<0.0010	<0.0010	<0.0010	ND
ACCB6-0.5		<0.0025	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	<0.0010	ND
ACCB7-0.5		**1.4/** <0.00063	**0.15**	**0.19**	**0.0066 P**	**0.10**	**0.047**	**0.17**	<0.0020	<0.0020	<0.0020	**0.0090**	ND
ACCB7-2.0		**0.24**	**0.027**	**0.033**	<0.00050	**0.062**	**0.023**	**0.055**	<0.00050	<0.00050	<0.00050	**0.0020**	ND
ACCB8-0.5		**0.35**	**0.025**	**0.047**	<0.0010	**0.023**	**0.014**	**0.018**	**0.0015**	**0.0013**	<0.0010	**0.0012**	ND
HHRLs - Soil Direct Exposure (Table SS-1; Residential Land Use)		0.48	0.48	0.48	**2.7**	1.8	1.9	0.037	21	--	0.12	0.062	Varies
HHRLs - Soil Direct Exposure (Table SS-1; Construction Worker)		14	14	14	81	57	57	1.1	74	--	3.7	1.9	Varies
CA Title 22 Hazardous Waste Threshold (TTLC) (mg/kg)		2.5	2.5	2.5	1.0	1.0	1.0	8.0	0.2	--	4.7	--	Varies
Concentration at which STLC is required per CA Title 22 (mg/kg)		2.5	2.5	2.5	1.0	1.0	1.0	8.0	0.2	--	4.7	--	Varies
STLC Regulatory Limit - Hazardous Theshold per CA Title 22 (mg/L)		0.25	0.25	0.25	0.1	0.1	0.1	0.8	0.02	--	0.47	--	Varies
Concentration at which TCLP is required per RCRA (mg/kg)		0.6	0.6	0.6	--	--	--	--	0.4	--	0.16	--	Varies
TCLP Regulatory Limit - Hazardous Theshold per RCRA (mg/L)		0.03	0.03	0.03	--	--	--	--	0.02	--	0.008	--	Varies

OCPs = Organochlorine Pesticides; Results reported in milligrams per kilogram (mg/kg); mg/L = milligrams per liter; < = non-detect below stated laboratory reporting limit; HHRLs = Human Health Risk Levels published by the San Francisco Bay Regional Water Quality Control Board (January 2019, REV2); TTLC = Total Threshold Limit Concentration; STLC = Soluble Threshold Limit Concentration; TCLP = Toxicity Characteristic Leaching Procedure; RCRA = Resource Conservation & Recovery Act; -- = not listed, not available, not analyzed, or varies by analyte; See lab report for explanation of data qualifiers (B, J, m, etc.).

TABLE 2

Soil Analytical Results Summary (Metals)

10033 Hillcrest Road, Cupertino, California

ACC Project Number: 10260-001.01

Sample ID	Sample Date	Chemical Compound & Concentrations (mg/kg)																
		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium/STLC (mg/L)	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
ACCB1-0.5	**04.04.2024**	--	**3.8**	--	--	--	--	--	--	**26**	--	--	--	--	--	--	--	--
ACCB2-0.5		--	**3.7**	--	--	--	--	--	--	**24**	--	--	--	--	--	--	--	--
ACCB3-0.5		--	**4.8**	--	--	--	--	--	--	**33**	--	--	--	--	--	--	--	--
ACCB4-0.5		--	**3.8**	--	--	--	--	--	--	**21**	--	--	--	--	--	--	--	--
ACCB5-0.5		--	**3.1**	--	--	--	--	--	--	**14**	--	--	--	--	--	--	--	--
ACCB6-0.5		--	**3.5**	--	--	--	--	--	--	**11**	--	--	--	--	--	--	--	--
ACCB7-0.5		--	**4.4**	--	--	--	--	--	--	**47**	--	--	--	--	--	--	--	--
ACCB8-0.5		--	**3.9**	--	--	--	--	--	--	**23**	--	--	--	--	--	--	--	--
ACCB1/2/3/4-0.5		**0.40 J**	**4.0**	**160**	**0.41 J**	**0.30 J**	**54/0.11**	**13**	**39**	**22**	**0.053**	**0.52**	**42**	<0.50	**0.12 J**	**0.081 J**	**71**	**95**
ACCB5/6/7/8-0.5		**0.35 J**	**3.6**	**140**	**0.48 J**	**0.21 J**	**64/0.12**	**13**	**33**	**16**	**0.12**	**0.58**	**42**	<0.50	**0.096 J**	**0.086 J**	**78**	**74**
HHRLs - Soil Direct Exposure (Table SS-1; Residential)		11	0.067	15,000	16	78	12,000	23	3,100	80	13	390	820	390	390	0.78	390	23,000
HHRLs - Soil Direct Exposure (Table SS-1; Construction Worker)		50	0.98	3,000	27	51	53,000	28	14,000	160	44	1,800	86	1,700	1,800	3.5	470	110,000
CA Title 22 Hazardous Waste Threshold (TTLC) (mg/kg)		500	500	10,000	75	100	2,500	8,000	2,500	1,000	20	3,500	2,000	100	500	700	2,400	5,000
Concentration at which STLC is required per CA Title 22 (mg/kg)		150	50	1,000	7.5	10	50	800	250	50	2	3,500	200	10	50	70	240	2,500
STLC Regulatory Limit - Hazardous Theshold per CA Title 22 (mg/L)		15	5	100	0.75	1	5	80	25	5	0.2	350	20	1	5	7	24	250
Concentration at which TCLP is required per RCRA (mg/kg)		--	100	2,000	--	20	100	--	--	100	4	--	--	20	100	--	--	--
TCLP Regulatory Limit - Hazardous Theshold per RCRA (mg/L)		--	5	100	--	1	5	--	--	5	0.2	--	--	1	5	--	--	--

Results reported in milligrams per kilogram (mg/kg); mg/L = milligrams per liter; < = non-detect below stated laboratory reporting limit; HHRLs = Human Health Risk Levels published by the San Francisco Bay Regional Water Quality Control Board (January 2019, REV2); TTLC = Total Threshold Limit Concentration; STLC = Soluble Threshold Limit Concentration; TCLP = Toxicity Characteristic Leaching Procedure; RCRA = Resource Conservation & Recovery Act; -- = not listed, not available, not analyzed, or varies by analyte; See lab report for explanation of data qualifiers (J, m, etc.)

TABLE 3
Soils Analytical Results Summary (TPH, VOCs, SVOCs, & PCBs)
10033 Hillcrest Road, Cupertino, California
ACC Project Number: 10260-001.01

Sample ID	Sample Date	Chemical Compound & Concentrations (mg/kg)																						
		TPH-g (C6 - C12)	TPH-d (C10 - C28)	TPH-mo	VOCs	Anthracene	Acenaphthylene	Acenaphthene	Benzo (a) anthracene	Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo(k)fluoranthene	Bis(2-ethylhexyl)Phthalate	Butylbenzyl Phthalate	Chrysene	Dibenzo (a,h) anthracene	Dibenzofuran	Fluoranthene	Fluorene	Indeno (1,2,3-cd) pyrene	Phenanthrene	Pyrene	Other SVOCs	PCBs
ACCB1/2/3/4-0.5	04.04.2024	**8.5**	**8.1**	**9.4**	<0.0050	**0.0080**	**0.0012 J**	**0.0031**	**0.063**	**0.099**	**0.095**	**0.074**	**0.053**	**0.023 J**	**0.011 J**	**0.078**	**0.0097 B**	**0.0010 J**	**0.22**	**0.0026**	**0.058**	**0.073**	**0.16**	ND	<0.050
ACCB5/6/7/8-0.5		<1.0	<2.0	**6.8**	<0.0050	**0.0030**	**0.00078 J**	**0.00081 J**	**0.029**	**0.046**	**0.048**	**0.040**	**0.019**	**0.048 J**	<0.062	**0.032**	**0.0062 B**	<0.0013	**0.071**	<0.0025	**0.031**	**0.019**	**0.057**	ND	<0.050
HHRLs - Soil Direct Exposure (Table SS-1; Residential Land Use)		430	260	12,000	Varies	18,000	--	3,600	1.1	0.11	1.1	--	11	39	--	110	0.11	--	2,400	2,400	1.1	--	1,800	Varies	0.23
HHRLs - Soil Direct Exposure (Table SS-1; Construction Worker)		1,800	1,100	54,000	Varies	5,000	--	10,000	110	10	110	--	910	950	--	9,100	11	--	6,700	6,700	110	--	5,000	Varies	5.5

TPH = Total Petroleum Hydrocarbons specified as gasoline-range (TPH-g), diesel-range (TPH-d), and motor oil-range (TPH-mo); VOCs = Volatile Oganic Compounds; SVOCs = Semi-volatile organic compounds; PCBs = Polychlorinated Biphenyls; Results reported in milligrams per kilogram (mg/kg); < = non-detect below reporting limit; HHRLs = Human Health Risk Levels published by the San Francisco Bay Regional Water Quality Control Board (January 2019, REV2); -- = not listed, not available, not analyzed, or varies by analyte; See lab report for explanation of data qualifiers (B, J, m, etc.).

APPENDIX B

COMPLETE LABORATORY REPORTS & CHAIN-OF-CUSTODY

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2404450

Report Created for: ACC Environmental Consultants, Inc.

7977 Capwell Drive , Suite 100
Oakland, CA 94621

Project Contact: Kim Bunting
Project P.O.:
Project: 10260-001.01; 10033 Hillcrest Road Soils

Project Location: 10033 Hillcrest Rd. Cupertino, CA
Project Received: 04/05/2024

Analytical Report reviewed & approved for release on 04/15/2024 by:

Jennifer Lagerbom
Project Manager

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Glossary of Terms & Qualifier Definitions

Client: ACC Environmental Consultants, Inc. **WorkOrder:** 2404450

Project: 10260-001.01; 10033 Hillcrest Road Soils

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range
SPK Val	Spike Value

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

McCampbell Analytical, Inc.
"When Quality Counts"

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Glossary of Terms & Qualifier Definitions

Client: ACC Environmental Consultants, Inc. **WorkOrder:** 2404450

Project: 10260-001.01; 10033 Hillcrest Road Soils

SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

P	Agreement between the quantitative dual-column confirmation results exceed method recommended limits of 40% RPD. The lowest concentration is reported.
S	Surrogate recovery outside accepted recovery limits.
a2	Sample diluted due to cluttered chromatogram.
c4	Surrogate recovery outside of the control limits due to coelution with another peak(s) / cluttered chromatogram.
h2	Silica-gel (EPA 3630) cleanup
h7	Copper (EPA 3660B) cleanup
h8	Charcoal clean up (MAI)
h9	Size Exclusion Gravity Cleanup

Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.

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"When Quality Counts"

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	04/10/2024	**Analytical Method:**	SW8081B
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Unit:**	mg/kg

Organochlorine Pesticides LL ESLs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1-0.5	**2404450-001A**	**Soil**	**04/04/2024 10:42**	**GC23 04112445.d**	**291396**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Aldrin	ND		0.00021	0.00050	5	04/11/2024 21:34
a-BHC	ND		0.00025	0.00050	5	04/11/2024 21:34
b-BHC	ND		0.00026	0.00050	5	04/11/2024 21:34
d-BHC	ND		0.00020	0.00050	5	04/11/2024 21:34
g-BHC	ND		0.00026	0.00050	5	04/11/2024 21:34
Chlordane (Technical)	**0.10**		0.0070	0.012	5	04/11/2024 21:34
a-Chlordane	**0.0099**		0.00022	0.00050	5	04/11/2024 21:34
g-Chlordane	**0.0060**	P	0.00029	0.00050	5	04/11/2024 21:34
p,p-DDD	ND		0.00020	0.00050	5	04/11/2024 21:34
p,p-DDE	**0.016**		0.00029	0.00050	5	04/11/2024 21:34
p,p-DDT	**0.0095**		0.00033	0.00050	5	04/11/2024 21:34
Dieldrin	**0.012**		0.00030	0.00050	5	04/11/2024 21:34
Endosulfan I	ND		0.00018	0.00050	5	04/11/2024 21:34
Endosulfan II	ND		0.00039	0.00050	5	04/11/2024 21:34
Endosulfan sulfate	**0.00076**		0.00018	0.00050	5	04/11/2024 21:34
Endrin	ND		0.00035	0.00050	5	04/11/2024 21:34
Endrin aldehyde	ND		0.00030	0.00050	5	04/11/2024 21:34
Endrin ketone	ND		0.00044	0.00050	5	04/11/2024 21:34
Heptachlor	**0.0032**		0.00028	0.00050	5	04/11/2024 21:34
Heptachlor epoxide	**0.0022**		0.00018	0.00050	5	04/11/2024 21:34
Hexachlorobenzene	ND		0.00036	0.0050	5	04/11/2024 21:34
Hexachlorocyclopentadiene	ND		0.0015	0.010	5	04/11/2024 21:34
Methoxychlor	ND		0.00040	0.0010	5	04/11/2024 21:34
Toxaphene	ND		0.029	0.050	5	04/11/2024 21:34

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	132	26-141	04/11/2024 21:34

Analyst(s): CN Analytical Comments: a2,h9,h2,h8

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	04/10/2024	**Analytical Method:**	SW8081B
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Unit:**	mg/kg

Organochlorine Pesticides LL ESLs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB2-0.5	**2404450-002A**	**Soil**	**04/04/2024 10:57**	**GC23 04112447.d**	**291396**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Aldrin	ND		0.00042	0.0010	10	04/11/2024 22:06
a-BHC	ND		0.00050	0.0010	10	04/11/2024 22:06
b-BHC	ND		0.00051	0.0010	10	04/11/2024 22:06
d-BHC	ND		0.00041	0.0010	10	04/11/2024 22:06
g-BHC	ND		0.00052	0.0010	10	04/11/2024 22:06
Chlordane (Technical)	**0.27**		0.014	0.025	10	04/11/2024 22:06
a-Chlordane	**0.025**		0.00045	0.0010	10	04/11/2024 22:06
g-Chlordane	**0.030**	P	0.00058	0.0010	10	04/11/2024 22:06
p,p-DDD	ND		0.00041	0.0010	10	04/11/2024 22:06
p,p-DDE	**0.015**		0.00058	0.0010	10	04/11/2024 22:06
p,p-DDT	**0.0085**		0.00065	0.0010	10	04/11/2024 22:06
Dieldrin	**0.039**		0.00061	0.0010	10	04/11/2024 22:06
Endosulfan I	ND		0.00037	0.0010	10	04/11/2024 22:06
Endosulfan II	ND		0.00078	0.0010	10	04/11/2024 22:06
Endosulfan sulfate	ND		0.00036	0.0010	10	04/11/2024 22:06
Endrin	ND		0.00070	0.0010	10	04/11/2024 22:06
Endrin aldehyde	ND		0.00061	0.0010	10	04/11/2024 22:06
Endrin ketone	ND		0.00087	0.0010	10	04/11/2024 22:06
Heptachlor	ND		0.00056	0.0010	10	04/11/2024 22:06
Heptachlor epoxide	ND		0.00035	0.0010	10	04/11/2024 22:06
Hexachlorobenzene	ND		0.00073	0.010	10	04/11/2024 22:06
Hexachlorocyclopentadiene	ND		0.0030	0.020	10	04/11/2024 22:06
Methoxychlor	ND		0.00079	0.0020	10	04/11/2024 22:06
Toxaphene	ND		0.058	0.10	10	04/11/2024 22:06

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	133	20-145	04/11/2024 22:06

Analyst(s): CN Analytical Comments: a2,h9,h2,h8

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	04/10/2024	**Analytical Method:**	SW8081B
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Unit:**	mg/kg

Organochlorine Pesticides LL ESLs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB3-0.5	**2404450-003A**	**Soil**	**04/04/2024 11:55**	**GC40 04122412.d**	**291396**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Aldrin	ND		0.00042	0.0010	10	04/12/2024 12:37
a-BHC	ND		0.00050	0.0010	10	04/12/2024 12:37
b-BHC	ND		0.00051	0.0010	10	04/12/2024 12:37
d-BHC	ND		0.00041	0.0010	10	04/12/2024 12:37
g-BHC	ND		0.00052	0.0010	10	04/12/2024 12:37
Chlordane (Technical)	**0.48**		0.014	0.025	10	04/12/2024 12:37
a-Chlordane	**0.040**		0.00045	0.0010	10	04/12/2024 12:37
g-Chlordane	**0.048**	P	0.00058	0.0010	10	04/12/2024 12:37
p,p-DDD	**0.0034**	P	0.00041	0.0010	10	04/12/2024 12:37
p,p-DDE	**0.046**		0.00058	0.0010	10	04/12/2024 12:37
p,p-DDT	**0.026**		0.00065	0.0010	10	04/12/2024 12:37
Dieldrin	**0.031**		0.00061	0.0010	10	04/12/2024 12:37
Endosulfan I	ND		0.00037	0.0010	10	04/12/2024 12:37
Endosulfan II	ND		0.00078	0.0010	10	04/12/2024 12:37
Endosulfan sulfate	ND		0.00036	0.0010	10	04/12/2024 12:37
Endrin	ND		0.00070	0.0010	10	04/12/2024 12:37
Endrin aldehyde	ND		0.00061	0.0010	10	04/12/2024 12:37
Endrin ketone	ND		0.00087	0.0010	10	04/12/2024 12:37
Heptachlor	ND		0.00056	0.0010	10	04/12/2024 12:37
Heptachlor epoxide	**0.0029**		0.00035	0.0010	10	04/12/2024 12:37
Hexachlorobenzene	ND		0.00073	0.010	10	04/12/2024 12:37
Hexachlorocyclopentadiene	ND		0.0030	0.020	10	04/12/2024 12:37
Methoxychlor	ND		0.00079	0.0020	10	04/12/2024 12:37
Toxaphene	ND		0.058	0.10	10	04/12/2024 12:37

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	129	20-145	04/12/2024 12:37

Analyst(s): SVE Analytical Comments: a2,h7,h9,h2,h8

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	04/10/2024	**Analytical Method:**	SW8081B
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Unit:**	mg/kg

Organochlorine Pesticides LL ESLs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB4-0.5	**2404450-004A**	**Soil**	**04/04/2024 12:10**	**GC40 04122444.d**	**291396**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Aldrin	ND		0.00084	0.0020	20	04/12/2024 20:27
a-BHC	ND		0.0010	0.0020	20	04/12/2024 20:27
b-BHC	ND		0.0010	0.0020	20	04/12/2024 20:27
d-BHC	ND		0.00082	0.0020	20	04/12/2024 20:27
g-BHC	ND		0.0010	0.0020	20	04/12/2024 20:27
Chlordane (Technical)	ND		0.028	0.050	20	04/12/2024 20:27
a-Chlordane	**0.019**		0.00090	0.0020	20	04/12/2024 20:27
g-Chlordane	**0.0052**	P	0.0012	0.0020	20	04/12/2024 20:27
p,p-DDD	ND		0.00082	0.0020	20	04/12/2024 20:27
p,p-DDE	**0.0086**		0.0012	0.0020	20	04/12/2024 20:27
p,p-DDT	**0.0058**	P	0.0013	0.0020	20	04/12/2024 20:27
Dieldrin	**0.015**		0.0012	0.0020	20	04/12/2024 20:27
Endosulfan I	ND		0.00074	0.0020	20	04/12/2024 20:27
Endosulfan II	ND		0.0016	0.0020	20	04/12/2024 20:27
Endosulfan sulfate	ND		0.00072	0.0020	20	04/12/2024 20:27
Endrin	ND		0.0014	0.0020	20	04/12/2024 20:27
Endrin aldehyde	ND		0.0012	0.0020	20	04/12/2024 20:27
Endrin ketone	ND		0.0017	0.0020	20	04/12/2024 20:27
Heptachlor	ND		0.0011	0.0020	20	04/12/2024 20:27
Heptachlor epoxide	ND		0.00070	0.0020	20	04/12/2024 20:27
Hexachlorobenzene	ND		0.0015	0.020	20	04/12/2024 20:27
Hexachlorocyclopentadiene	ND		0.0060	0.040	20	04/12/2024 20:27
Methoxychlor	ND		0.0016	0.0040	20	04/12/2024 20:27
Toxaphene	ND		0.12	0.20	20	04/12/2024 20:27

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	177	S	26-141	04/12/2024 20:27

Analyst(s): SVE

Analytical Comments: a2,h7,h9,h2,h8,c4

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	04/10/2024	**Analytical Method:**	SW8081B
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Unit:**	mg/kg

Organochlorine Pesticides LL ESLs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB5-0.5	**2404450-005A**	**Soil**	**04/04/2024 11:07**	**GC40 04122445.d**	**291396**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Aldrin	ND		0.00042	0.0010	10	04/12/2024 20:42
a-BHC	ND		0.00050	0.0010	10	04/12/2024 20:42
b-BHC	ND		0.00051	0.0010	10	04/12/2024 20:42
d-BHC	ND		0.00041	0.0010	10	04/12/2024 20:42
g-BHC	ND		0.00052	0.0010	10	04/12/2024 20:42
Chlordane (Technical)	ND		0.014	0.025	10	04/12/2024 20:42
a-Chlordane	**0.0085**		0.00045	0.0010	10	04/12/2024 20:42
g-Chlordane	**0.0030**	P	0.00058	0.0010	10	04/12/2024 20:42
p,p-DDD	ND		0.00041	0.0010	10	04/12/2024 20:42
p,p-DDE	**0.0054**		0.00058	0.0010	10	04/12/2024 20:42
p,p-DDT	**0.0039**		0.00065	0.0010	10	04/12/2024 20:42
Dieldrin	**0.0066**		0.00061	0.0010	10	04/12/2024 20:42
Endosulfan I	ND		0.00037	0.0010	10	04/12/2024 20:42
Endosulfan II	ND		0.00078	0.0010	10	04/12/2024 20:42
Endosulfan sulfate	ND		0.00036	0.0010	10	04/12/2024 20:42
Endrin	ND		0.00070	0.0010	10	04/12/2024 20:42
Endrin aldehyde	ND		0.00061	0.0010	10	04/12/2024 20:42
Endrin ketone	ND		0.00087	0.0010	10	04/12/2024 20:42
Heptachlor	ND		0.00056	0.0010	10	04/12/2024 20:42
Heptachlor epoxide	ND		0.00035	0.0010	10	04/12/2024 20:42
Hexachlorobenzene	ND		0.00073	0.010	10	04/12/2024 20:42
Hexachlorocyclopentadiene	ND		0.0030	0.020	10	04/12/2024 20:42
Methoxychlor	ND		0.00079	0.0020	10	04/12/2024 20:42
Toxaphene	ND		0.058	0.10	10	04/12/2024 20:42

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	129	20-145	04/12/2024 20:42

Analyst(s): SVE Analytical Comments: a2,h7,h9,h2,h8

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	04/10/2024	**Analytical Method:**	SW8081B
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Unit:**	mg/kg

Organochlorine Pesticides LL ESLs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB6-0.5	2404450-006A	Soil	04/04/2024 11:17	GC23 04102466.d	291396

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.000042	0.00010	1	04/11/2024 02:48
a-BHC	ND	0.000050	0.00010	1	04/11/2024 02:48
b-BHC	ND	0.000051	0.00010	1	04/11/2024 02:48
d-BHC	ND	0.000041	0.00010	1	04/11/2024 02:48
g-BHC	ND	0.000052	0.00010	1	04/11/2024 02:48
Chlordane (Technical)	ND	0.0014	0.0025	1	04/11/2024 02:48
a-Chlordane	ND	0.000045	0.00010	1	04/11/2024 02:48
g-Chlordane	ND	0.000058	0.00010	1	04/11/2024 02:48
p,p-DDD	ND	0.000041	0.00010	1	04/11/2024 02:48
p,p-DDE	ND	0.000058	0.00010	1	04/11/2024 02:48
p,p-DDT	ND	0.000065	0.00010	1	04/11/2024 02:48
Dieldrin	ND	0.000061	0.00010	1	04/11/2024 02:48
Endosulfan I	ND	0.000037	0.00010	1	04/11/2024 02:48
Endosulfan II	ND	0.000078	0.00010	1	04/11/2024 02:48
Endosulfan sulfate	ND	0.000036	0.00010	1	04/11/2024 02:48
Endrin	ND	0.000070	0.00010	1	04/11/2024 02:48
Endrin aldehyde	ND	0.000061	0.00010	1	04/11/2024 02:48
Endrin ketone	ND	0.000087	0.00010	1	04/11/2024 02:48
Heptachlor	ND	0.000056	0.00010	1	04/11/2024 02:48
Heptachlor epoxide	ND	0.000035	0.00010	1	04/11/2024 02:48
Hexachlorobenzene	ND	0.000073	0.0010	1	04/11/2024 02:48
Hexachlorocyclopentadiene	ND	0.00030	0.0020	1	04/11/2024 02:48
Methoxychlor	ND	0.000079	0.00020	1	04/11/2024 02:48
Toxaphene	ND	0.0058	0.010	1	04/11/2024 02:48

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	138	20-145	04/11/2024 02:48

Analyst(s): CN Analytical Comments: h9,h2,h8

(Cont.)

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	04/10/2024	**Analytical Method:**	SW8081B
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Unit:**	mg/kg

Organochlorine Pesticides LL ESLs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB7-0.5	**2404450-007A**	**Soil**	**04/04/2024 11:28**	**GC40 04122410.d**	**291396**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Aldrin	ND		0.00084	0.0020	20	04/12/2024 12:08
a-BHC	ND		0.0010	0.0020	20	04/12/2024 12:08
b-BHC	ND		0.0010	0.0020	20	04/12/2024 12:08
d-BHC	ND		0.00082	0.0020	20	04/12/2024 12:08
g-BHC	ND		0.0010	0.0020	20	04/12/2024 12:08
Chlordane (Technical)	**1.4**		0.028	0.050	20	04/12/2024 12:08
a-Chlordane	**0.15**		0.00090	0.0020	20	04/12/2024 12:08
g-Chlordane	**0.19**		0.0012	0.0020	20	04/12/2024 12:08
p,p-DDD	**0.0066**	P	0.00082	0.0020	20	04/12/2024 12:08
p,p-DDE	**0.10**		0.0012	0.0020	20	04/12/2024 12:08
p,p-DDT	**0.047**		0.0013	0.0020	20	04/12/2024 12:08
Dieldrin	**0.17**		0.0012	0.0020	20	04/12/2024 12:08
Endosulfan I	ND		0.00074	0.0020	20	04/12/2024 12:08
Endosulfan II	ND		0.0016	0.0020	20	04/12/2024 12:08
Endosulfan sulfate	ND		0.00072	0.0020	20	04/12/2024 12:08
Endrin	ND		0.0014	0.0020	20	04/12/2024 12:08
Endrin aldehyde	ND		0.0012	0.0020	20	04/12/2024 12:08
Endrin ketone	ND		0.0017	0.0020	20	04/12/2024 12:08
Heptachlor	ND		0.0011	0.0020	20	04/12/2024 12:08
Heptachlor epoxide	**0.0090**		0.00070	0.0020	20	04/12/2024 12:08
Hexachlorobenzene	ND		0.0015	0.020	20	04/12/2024 12:08
Hexachlorocyclopentadiene	ND		0.0060	0.040	20	04/12/2024 12:08
Methoxychlor	ND		0.0016	0.0040	20	04/12/2024 12:08
Toxaphene	ND		0.12	0.20	20	04/12/2024 12:08

Surrogates	REC (%)	Qualifiers	Limits	
Decachlorobiphenyl	201	S	20-145	04/12/2024 12:08

Analyst(s): SVE

Analytical Comments: a2,h7,h9,h2,h8,c4

(Cont.)

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	04/10/2024	**Analytical Method:**	SW8081B
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Unit:**	mg/kg

Organochlorine Pesticides LL ESLs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB8-0.5	2404450-008A	Soil	04/04/2024 11:43	GC23 04112448.d	291396

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00042	0.0010	10	04/11/2024 22:21
a-BHC	ND	0.00050	0.0010	10	04/11/2024 22:21
b-BHC	ND	0.00051	0.0010	10	04/11/2024 22:21
d-BHC	ND	0.00041	0.0010	10	04/11/2024 22:21
g-BHC	ND	0.00052	0.0010	10	04/11/2024 22:21
Chlordane (Technical)	**0.35**	0.014	0.025	10	04/11/2024 22:21
a-Chlordane	**0.025**	0.00045	0.0010	10	04/11/2024 22:21
g-Chlordane	**0.047**	0.00058	0.0010	10	04/11/2024 22:21
p,p-DDD	ND	0.00041	0.0010	10	04/11/2024 22:21
p,p-DDE	**0.023**	0.00058	0.0010	10	04/11/2024 22:21
p,p-DDT	**0.014**	0.00065	0.0010	10	04/11/2024 22:21
Dieldrin	**0.018**	0.00061	0.0010	10	04/11/2024 22:21
Endosulfan I	ND	0.00037	0.0010	10	04/11/2024 22:21
Endosulfan II	ND	0.00078	0.0010	10	04/11/2024 22:21
Endosulfan sulfate	**0.0013**	0.00036	0.0010	10	04/11/2024 22:21
Endrin	**0.0015**	0.00070	0.0010	10	04/11/2024 22:21
Endrin aldehyde	ND	0.00061	0.0010	10	04/11/2024 22:21
Endrin ketone	ND	0.00087	0.0010	10	04/11/2024 22:21
Heptachlor	ND	0.00056	0.0010	10	04/11/2024 22:21
Heptachlor epoxide	**0.0012**	0.00035	0.0010	10	04/11/2024 22:21
Hexachlorobenzene	ND	0.00073	0.010	10	04/11/2024 22:21
Hexachlorocyclopentadiene	ND	0.0030	0.020	10	04/11/2024 22:21
Methoxychlor	ND	0.00079	0.0020	10	04/11/2024 22:21
Toxaphene	ND	0.058	0.10	10	04/11/2024 22:21

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	135	20-145	04/11/2024 22:21

Analyst(s): CN

Analytical Comments: a2,h9,h2,h8

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3050B
Date Prepared:	04/08/2024	**Analytical Method:**	SW6020
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Unit:**	mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1-0.5	2404450-001A	Soil	04/04/2024 10:42	ICP-MS4 109SMPL.d	291169

Analytes	Result	MDL	RL	DF	Date Analyzed
Arsenic	**3.8**	0.084	0.50	1	04/09/2024 10:33
Lead	**26**	0.089	0.50	1	04/09/2024 10:33

Surrogates	REC (%)	Limits	
Terbium	103	70-130	04/09/2024 10:33

Analyst(s): WV

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB2-0.5	2404450-002A	Soil	04/04/2024 10:57	ICP-MS4 112SMPL.d	291169

Analytes	Result	MDL	RL	DF	Date Analyzed
Arsenic	**3.7**	0.084	0.50	1	04/09/2024 10:45
Lead	**24**	0.089	0.50	1	04/09/2024 10:45

Surrogates	REC (%)	Limits	
Terbium	105	70-130	04/09/2024 10:45

Analyst(s): WV

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB3-0.5	2404450-003A	Soil	04/04/2024 11:55	ICP-MS4 113SMPL.d	291169

Analytes	Result	MDL	RL	DF	Date Analyzed
Arsenic	**4.8**	0.084	0.50	1	04/09/2024 10:49
Lead	**33**	0.089	0.50	1	04/09/2024 10:49

Surrogates	REC (%)	Limits	
Terbium	105	70-130	04/09/2024 10:49

Analyst(s): WV

(Cont.)

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3050B
Date Prepared:	04/08/2024	**Analytical Method:**	SW6020
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Unit:**	mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB4-0.5	2404450-004A	Soil	04/04/2024 12:10	ICP-MS4 114SMPL.d	291169

Analytes	Result	MDL	RL	DF	Date Analyzed
Arsenic	**3.8**	0.084	0.50	1	04/09/2024 10:53
Lead	**21**	0.089	0.50	1	04/09/2024 10:53

Surrogates	REC (%)	Limits	
Terbium	106	70-130	04/09/2024 10:53

Analyst(s): WV

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB5-0.5	2404450-005A	Soil	04/04/2024 11:07	ICP-MS4 115SMPL.d	291169

Analytes	Result	MDL	RL	DF	Date Analyzed
Arsenic	**3.1**	0.084	0.50	1	04/09/2024 10:57
Lead	**14**	0.089	0.50	1	04/09/2024 10:57

Surrogates	REC (%)	Limits	
Terbium	105	70-130	04/09/2024 10:57

Analyst(s): WV

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB6-0.5	2404450-006A	Soil	04/04/2024 11:17	ICP-MS4 116SMPL.d	291169

Analytes	Result	MDL	RL	DF	Date Analyzed
Arsenic	**3.5**	0.084	0.50	1	04/09/2024 11:01
Lead	**11**	0.089	0.50	1	04/09/2024 11:01

Surrogates	REC (%)	Limits	
Terbium	103	70-130	04/09/2024 11:01

Analyst(s): WV

(Cont.)

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3050B
Date Prepared:	04/08/2024	**Analytical Method:**	SW6020
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Unit:**	mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB7-0.5	**2404450-007A**	**Soil**	**04/04/2024 11:28**	**ICP-MS4 117SMPL.d**	**291169**

Analytes	Result	MDL	RL	DF	Date Analyzed
Arsenic	**4.4**	0.084	0.50	1	04/09/2024 11:05
Lead	**47**	0.089	0.50	1	04/09/2024 11:05

Surrogates	REC (%)	Limits	
Terbium	103	70-130	04/09/2024 11:05

Analyst(s): WV

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB8-0.5	**2404450-008A**	**Soil**	**04/04/2024 11:43**	**ICP-MS4 118SMPL.d**	**291169**

Analytes	Result	MDL	RL	DF	Date Analyzed
Arsenic	**3.9**	0.084	0.50	1	04/09/2024 11:09
Lead	**23**	0.089	0.50	1	04/09/2024 11:09

Surrogates	REC (%)	Limits	
Terbium	105	70-130	04/09/2024 11:09

Analyst(s): WV

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Prepared:	04/10/2024	**BatchID:**	291396
Date Analyzed:	04/11/2024	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC23	**Analytical Method:**	SW8081B
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Sample ID:**	MB/LCS/LCSD-291396

QC Summary Report for SW8081B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.000042	0.00010	-	-	-
a-BHC	ND	0.000050	0.00010	-	-	-
b-BHC	ND	0.000051	0.00010	-	-	-
d-BHC	ND	0.000041	0.00010	-	-	-
g-BHC	ND	0.000052	0.00010	-	-	-
Chlordane (Technical)	ND	0.0014	0.0025	-	-	-
a-Chlordane	ND	0.000045	0.00010	-	-	-
g-Chlordane	ND	0.000058	0.00010	-	-	-
p,p-DDD	ND	0.000041	0.00010	-	-	-
p,p-DDE	ND	0.000058	0.00010	-	-	-
p,p-DDT	ND	0.000065	0.00010	-	-	-
Dieldrin	ND	0.000061	0.00010	-	-	-
Endosulfan I	ND	0.000037	0.00010	-	-	-
Endosulfan II	ND	0.000078	0.00010	-	-	-
Endosulfan sulfate	ND	0.000036	0.00010	-	-	-
Endrin	ND	0.000070	0.00010	-	-	-
Endrin aldehyde	ND	0.000061	0.00010	-	-	-
Endrin ketone	ND	0.000087	0.00010	-	-	-
Heptachlor	ND	0.000056	0.00010	-	-	-
Heptachlor epoxide	ND	0.000035	0.00010	-	-	-
Hexachlorobenzene	ND	0.000073	0.0010	-	-	-
Hexachlorocyclopentadiene	ND	0.00030	0.0020	-	-	-
Methoxychlor	ND	0.000079	0.00020	-	-	-
Toxaphene	ND	0.0058	0.010	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.0044			0.005	87	28-170

(Cont.)

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Prepared:	04/10/2024	**BatchID:**	291396
Date Analyzed:	04/11/2024	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC23	**Analytical Method:**	SW8081B
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Sample ID:**	MB/LCS/LCSD-291396

QC Summary Report for SW8081B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.0038	0.0037	0.0050	76	74	31-155	2.65	20
a-BHC	0.0037	0.0037	0.0050	75	74	32-160	0.823	20
b-BHC	0.0037	0.0036	0.0050	74	72	44-149	3.23	20
d-BHC	0.0018	0.0018	0.0050	37	36,F2	37-157	3.33	20
g-BHC	0.0037	0.0037	0.0050	74	73	43-154	1.17	20
a-Chlordane	0.0036	0.0035	0.0050	72	70	39-150	3.11	20
g-Chlordane	0.0038	0.0037	0.0050	76	73	39-151	3.70	20
p,p-DDD	0.0038	0.0037	0.0050	76	73	30-158	3.57	20
p,p-DDE	0.0040	0.0038	0.0050	79	76	47-149	3.81	20
p,p-DDT	0.0035	0.0034	0.0050	70	67	56-166	3.15	20
Dieldrin	0.0038	0.0037	0.0050	76	74	50-163	3.10	20
Endosulfan I	0.0037	0.0035	0.0050	73	71	45-159	3.33	20
Endosulfan II	0.0036	0.0035	0.0050	73	70	41-155	3.89	20
Endosulfan sulfate	0.0031	0.0030	0.0050	61	59	45-156	4.03	20
Endrin	0.0037	0.0036	0.0050	74	73	54-154	2.20	20
Endrin aldehyde	0.0035	0.0034	0.0050	70	67	27-159	4.12	20
Endrin ketone	0.0035	0.0034	0.0050	70	68	40-147	3.41	20
Heptachlor	0.0037	0.0036	0.0050	73	73	52-165	0.818	20
Heptachlor epoxide	0.0037	0.0036	0.0050	73	71	46-145	2.47	20
Hexachlorobenzene	0.0037	0.0036	0.0050	73	72	22-156	1.41	20
Hexachlorocyclopentadiene	0.0034	0.0033	0.0050	68	66	43-173	2.92	20
Methoxychlor	0.0036	0.0035	0.0050	73	71	49-150	2.70	20
Surrogate Recovery								
Decachlorobiphenyl	0.0043	0.0038	0.0050	86	76	28-170	12.8	20

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Prepared:	04/08/2024	**BatchID:**	291169
Date Analyzed:	04/09/2024	**Extraction Method:**	SW3050B
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Sample ID:**	MB/LCS/LCSD-291169

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Arsenic	ND	0.084	0.50	-	-	-
Lead	ND	0.089	0.50	-	-	-
Surrogate Recovery						
Terbium	520			500	103	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Arsenic	49	50	50	97	100	75-125	2.37	20
Lead	48	49	50	95	98	75-125	2.67	20
Surrogate Recovery								
Terbium	510	520	500	103	104	70-130	1.08	20

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2404450 **ClientCode: ACCE**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☑ ThirdParty ☑ J-flag
☑ Detection Summary ☐ Excel

Report to:
Kim Bunting
ACC Environmental Consultants, Inc.
7977 Capwell Drive , Suite 100
Oakland, CA 94621
(510) 638-8400 FAX: (510) 638-8404

Email: kbunting@accenv.com; isutherland@accen
cc/3rd Party:
PO:
Project: 10260-001.01; 10033 Hillcrest Road Soils

Bill to:
Accounts Payable
ACC Environmental Consultants, Inc.
7977 Capwell Drive , Suite 100
Oakland, CA 94621
accenvap@bill.com

Requested TAT: **5 days;**

Date Received: **04/05/2024**
Date Logged: **04/08/2024**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2404450-001	ACCB1-0.5	Soil	4/4/2024 10:42	☐	A	A	A									
2404450-002	ACCB2-0.5	Soil	4/4/2024 10:57	☐	A	A	A									
2404450-003	ACCB3-0.5	Soil	4/4/2024 11:55	☐	A	A	A									
2404450-004	ACCB4-0.5	Soil	4/4/2024 12:10	☐	A	A	A									
2404450-005	ACCB5-0.5	Soil	4/4/2024 11:07	☐	A	A	A									
2404450-006	ACCB6-0.5	Soil	4/4/2024 11:17	☐	A	A	A									
2404450-007	ACCB7-0.5	Soil	4/4/2024 11:28	☐	A	A	A									
2404450-008	ACCB8-0.5	Soil	4/4/2024 11:43	☐	A	A	A									
2404450-009	ACCB1-2.0	Soil	4/4/2024 10:47	☑			A	A								
2404450-010	ACCB2-2.0	Soil	4/4/2024 11:03	☑			A	A								
2404450-011	ACCB3-2.0	Soil	4/4/2024 12:02	☑			A	A								
2404450-012	ACCB4-2.0	Soil	4/4/2024 12:30	☑			A	A								
2404450-013	ACCB5-2.0	Soil	4/4/2024 11:10	☑			A	A								
2404450-014	ACCB6-2.0	Soil	4/4/2024 11:26	☑			A	A								
2404450-015	ACCB7-2.0	Soil	4/4/2024 11:30	☑			A	A								

Test Legend:

1	8081_ESL_LL_S	2	METALSMS_TTLC_S	3	PRDisposal Fee	4	PRHOLD
5		6		7		8	
9		10		11		12	

Project Manager: Jennifer Lagerbom

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2404450 **ClientCode: ACCE**

☐ WaterTrax ☐ CLIP ☐ EDF ☒ EQuIS ☒ Dry-Weight ☑ Email ☐ HardCopy ☑ ThirdParty ☑ J-flag
☒ Detection Summary ☐ Excel

Report to:
Kim Bunting
ACC Environmental Consultants, Inc.
7977 Capwell Drive , Suite 100
Oakland, CA 94621
(510) 638-8400 FAX: (510) 638-8404

Email: kbunting@accenv.com; isutherland@accen
cc/3rd Party:
PO:
Project: 10260-001.01; 10033 Hillcrest Road Soils

Bill to:
Accounts Payable
ACC Environmental Consultants, Inc.
7977 Capwell Drive , Suite 100
Oakland, CA 94621
accenvap@bill.com

Requested TAT: **5 days;**

Date Received: **04/05/2024**
Date Logged: **04/08/2024**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2404450-016	ACCB8-2.0	Soil	4/4/2024 11:50	☑			A	A								

Test Legend:

1	8081_ESL_LL_S	2	METALSMS_TTLC_S	3	PRDisposal Fee	4	PRHOLD
5		6		7		8	
9		10		11		12	

Project Manager: Jennifer Lagerbom

Prepared by: Agustina Venegas

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ACC ENVIRONMENTAL CONSULTANTS, INC. **Project:** 10260-001.01; 10033 Hillcrest Road Soils **Work Order:** 2404450
Client Contact: Kim Bunting **QC Level:** LEVEL 2
Contact's Email: kbunting@accenv.com; isutherland@accenv.com **Comments:** **Date Logged:** 4/8/2024

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ■ EQuIS ☑ Email ☐ HardCopy ☑ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	ACCB1-0.5	Soil	SW6020 (Metals) <Arsenic, Lead>	1	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 10:42	5 days	4/12/2024		☐	☐
			SW8081B (OC Pesticides) LL ESLs			☐	☐	☐		5 days	4/16/2024		☐	☐
002A	ACCB2-0.5	Soil	SW6020 (Metals) <Arsenic, Lead>	1	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 10:57	5 days	4/12/2024		☐	☐
			SW8081B (OC Pesticides) LL ESLs			☐	☐	☐		5 days	4/16/2024		☐	☐
003A	ACCB3-0.5	Soil	SW6020 (Metals) <Arsenic, Lead>	1	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 11:55	5 days	4/12/2024		☐	☐
			SW8081B (OC Pesticides) LL ESLs			☐	☐	☐		5 days	4/16/2024		☐	☐
004A	ACCB4-0.5	Soil	SW6020 (Metals) <Arsenic, Lead>	1	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 12:10	5 days	4/12/2024		☐	☐
			SW8081B (OC Pesticides) LL ESLs			☐	☐	☐		5 days	4/16/2024		☐	☐
005A	ACCB5-0.5	Soil	SW6020 (Metals) <Arsenic, Lead>	1	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 11:07	5 days	4/12/2024		☐	☐
			SW8081B (OC Pesticides) LL ESLs			☐	☐	☐		5 days	4/16/2024		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

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WORK ORDER SUMMARY

Client Name: ACC ENVIRONMENTAL CONSULTANTS, INC. **Project:** 10260-001.01; 10033 Hillcrest Road Soils **Work Order:** 2404450

Client Contact: Kim Bunting **QC Level:** LEVEL 2

Contact's Email: kbunting@accenv.com; isutherland@accenv.com **Comments:** **Date Logged:** 4/8/2024

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ■ EQuIS ☑ Email ☐ HardCopy ☑ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
006A	ACCB6-0.5	Soil	SW6020 (Metals) <Arsenic, Lead>	1	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 11:17	5 days	4/12/2024		☐	☐
			SW8081B (OC Pesticides) LL ESLs			☐	☐	☐		5 days	4/16/2024		☐	☐
007A	ACCB7-0.5	Soil	SW6020 (Metals) <Arsenic, Lead>	1	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 11:28	5 days	4/12/2024		☐	☐
			SW8081B (OC Pesticides) LL ESLs			☐	☐	☐		5 days	4/16/2024		☐	☐
008A	ACCB8-0.5	Soil	SW6020 (Metals) <Arsenic, Lead>	1	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 11:43	5 days	4/12/2024		☐	☐
			SW8081B (OC Pesticides) LL ESLs			☐	☐	☐		5 days	4/16/2024		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

General COC

MAI Work Order # 2404450

McCAMPBELL ANALYTICAL, INC.

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CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush		2 Day Rush		3 Day Rush		STD	X	Quote #	
J-Flag / MDL	X	ESL	X	Cleanup Approved		Dry Weight		Bottle Order #	
Delivery Format:	PDF	X	GeoTracker EDF		EDD		Write On (DW)		Detect Summary

Report To: Kimberly Bunting Bill To: ACC
Company: ACC Environmental
Address: 7977 Capwell Drive Suite 100, Oakland
Email: Kbunting@accenv.com Tele: 707-481-0795
Project Name: 10033 Hillcrest road soils Project #: 10260-001.01
Project Location: 10033 hillcrest rd, Cupertino, CA PO #
Sampler Signature: [signature]

Analysis Requested

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	Multi Range as Gas, Diesel, and Motor Oil (8021/8015)	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)*	Baylands Requirements	Lab to filter sample for dissolved metals analysis	Lead/Arsenic 6020	HOLD	
ACCB1-0.5	4/4/24	10:42	1	Soil	Ice								X									X		
ACCB2-0.5	4/4/24	10:57	1										X									X		
ACCB3-0.5	4/4/24	11:55	1										X									X		
ACCB4-0.5	4/4/24	12:10	1										X									X		
ACCB5-0.5	4/4/24	11:07	1										X									X		
ACCB6-0.5	4/4/24	11:17	1										X									X		
ACCB7-0.5	4/4/24	11:28	1										X									X		
ACCB8-0.5	4/4/24	11:43	1										X									X		
ACCB1-2.0	4/4/24	10:47	1																				X	
ACCB2-2.0	4/4/24	11:03	1	↓	↓																			

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.
Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
Davis Leach/ACC [signature]	4/4/24	14:45	[signature] /MAI	4/5/24	11:00
[signature] /MAI	4/5/24	1530	[signature]	4/5/24	1530

Comments / Instructions

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other
Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 4.1 °C WET Initials

page 1 of 2

General COC

MAI Work Order # _____

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CHAIN OF CUSTODY RECORD

Turn Around Time:	1 Day Rush		2 Day Rush		3 Day Rush		STD	X	Quote #						
J-Flag / MDL	X	ESL	X	Cleanup Approved		Dry Weight		Bottle Order #							
Delivery Format:	PDF	X	GeoTracker EDF		EDD		Write On (DW)		Detect Summary						

Report To: Kimberly Bunting Bill To: ACC

Company: ACC Environmental

Address: 7977 Capwell Drive Suite 100, Oakland

Email: kbunting@accenv.com Tele: 707-481-0915

Project Name: 10033 Hillcrest Soils Project #: 10260-001.01

Project Location: 10033 Hillcrest Rd, Cupertino PO #

Sampler Signature:

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative
ACCB3-2.0	4/4/24	12:02	1	Soil	Ice
ACCB4-2.0	4/4/24	12:30	1		
ACCB5-2.0	4/4/24	11:10	1		
ACCB6-2.0	4/4/24	11:26	1		
ACCB7-2.0	4/4/24	11:30	1		
ACCB8-2.0	4/4/24	11:50	1		

Analysis Requested

Multi Range as Gas, Diesel, and Motor Oil (8021/8015)	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/ 608 / 8081 (Cl Pesticides)	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)*	Baylands Requirements	Lab to filter sample for dissolved metals analysis	Hold		
																X		
																X		
																X		
																X		
																X		
																X		

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Comments / Instructions

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
Davis Leach/ACC	4/4/24	14:45	MAI	4/5/24	1100
MAI	4/5/24	1536	[illegible]	4/5/24	1530

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp _____ °C Initials _____

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Sample Receipt Checklist

Client Name:	ACC Environmental Consultants, Inc.	Date and Time Received:	4/5/2024 15:30
Project:	10260-001.01; 10033 Hillcrest Road Soils	Date Logged:	4/8/2024
		Received by:	Agustina Venegas
WorkOrder №:	2404450 Matrix: Soil	Logged by:	Agustina Venegas
Carrier:	Angela Rydelius (MAI Employee)		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐		
Chain of custody signed when relinquished and received?	Yes	☑	No	☐		
Chain of custody agrees with sample labels?	Yes	☑	No	☐		
Sample IDs noted by Client on COC?	Yes	☑	No	☐		
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐		
Sampler's name noted on COC?	Yes	☑	No	☐		
COC agrees with Quote?	Yes	☐	No	☐	NA	☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA	☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA	☑
Shipping container/cooler in good condition?	Yes	☑	No	☐		
Samples in proper containers/bottles?	Yes	☑	No	☐		
Sample containers intact?	Yes	☑	No	☐		
Sufficient sample volume for indicated test?	Yes	☑	No	☐		

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA	☐
Samples Received on Ice?	Yes	☑	No	☐		
(Ice Type: WET ICE)						
Sample/Temp Blank temperature	Temp: 4.1°C				NA	☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☐	No	☐	NA	☑
Sample labels checked for correct preservation?	Yes	☑	No	☐		
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA	☑
UCMR Samples:						
pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA	☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA	☑

Comments:

McCampbell Analytical, Inc.

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Analytical Report

WorkOrder: 2404450 A

Report Created for: ACC Environmental Consultants, Inc.

7977 Capwell Drive , Suite 100
Oakland, CA 94621

Project Contact: Kim Bunting
Project P.O.:
Project: 10260-001.01; 10033 Hillcrest Road Soils

Project Location: 10033 Hillcrest Rd. Cupertino, CA
Project Received: 04/05/2024

Analytical Report reviewed & approved for release on 04/22/2024 by:

Jena Alfaro
Project Manager

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Glossary of Terms & Qualifier Definitions

Client: ACC Environmental Consultants, Inc. **WorkOrder:** 2404450 A

Project: 10260-001.01; 10033 Hillcrest Road Soils

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range
SPK Val	Spike Value

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: ACC Environmental Consultants, Inc. **WorkOrder:** 2404450 A

Project: 10260-001.01; 10033 Hillcrest Road Soils

SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
P	Agreement between the quantitative dual-column confirmation results exceed method recommended limits of 40% RPD. The lowest concentration is reported.
a2	Sample diluted due to cluttered chromatogram.
h2	Silica-gel (EPA 3630) cleanup
h8	Charcoal clean up (MAI)
h9	Size Exclusion Gravity Cleanup

Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	04/17/2024	**Analytical Method:**	SW8081B
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Unit:**	mg/kg

Organochlorine Pesticides LL ESLs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB2-2.0	2404450-010A	Soil	04/04/2024 11:03	GC40 04192411.d	291870

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Aldrin	ND		0.00021	0.00050	5	04/19/2024 14:33
a-BHC	ND		0.00025	0.00050	5	04/19/2024 14:33
b-BHC	ND		0.00026	0.00050	5	04/19/2024 14:33
d-BHC	ND		0.00020	0.00050	5	04/19/2024 14:33
g-BHC	ND		0.00026	0.00050	5	04/19/2024 14:33
Chlordane (Technical)	**0.14**		0.0070	0.012	5	04/19/2024 14:33
a-Chlordane	**0.011**		0.00022	0.00050	5	04/19/2024 14:33
g-Chlordane	**0.014**	P	0.00029	0.00050	5	04/19/2024 14:33
p,p-DDD	ND		0.00020	0.00050	5	04/19/2024 14:33
p,p-DDE	**0.0021**		0.00029	0.00050	5	04/19/2024 14:33
p,p-DDT	ND		0.00033	0.00050	5	04/19/2024 14:33
Dieldrin	**0.023**		0.00030	0.00050	5	04/19/2024 14:33
Endosulfan I	ND		0.00018	0.00050	5	04/19/2024 14:33
Endosulfan II	ND		0.00039	0.00050	5	04/19/2024 14:33
Endosulfan sulfate	ND		0.00018	0.00050	5	04/19/2024 14:33
Endrin	ND		0.00035	0.00050	5	04/19/2024 14:33
Endrin aldehyde	ND		0.00030	0.00050	5	04/19/2024 14:33
Endrin ketone	ND		0.00044	0.00050	5	04/19/2024 14:33
Heptachlor	ND		0.00028	0.00050	5	04/19/2024 14:33
Heptachlor epoxide	**0.0037**		0.00018	0.00050	5	04/19/2024 14:33
Hexachlorobenzene	ND		0.00036	0.0050	5	04/19/2024 14:33
Hexachlorocyclopentadiene	ND		0.0015	0.010	5	04/19/2024 14:33
Methoxychlor	ND		0.00040	0.0010	5	04/19/2024 14:33
Toxaphene	ND		0.029	0.050	5	04/19/2024 14:33

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	127	20-145	04/19/2024 14:33

Analyst(s): SVE

Analytical Comments: a2,h9,h2,h8

(Cont.)

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	04/17/2024	**Analytical Method:**	SW8081B
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Unit:**	mg/kg

Organochlorine Pesticides LL ESLs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB3-2.0	2404450-011A	Soil	04/04/2024 12:02	GC40 04192414.d	291870

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Aldrin	ND		0.000042	0.00010	1	04/19/2024 15:17
a-BHC	ND		0.000050	0.00010	1	04/19/2024 15:17
b-BHC	ND		0.000051	0.00010	1	04/19/2024 15:17
d-BHC	ND		0.000041	0.00010	1	04/19/2024 15:17
g-BHC	ND		0.000052	0.00010	1	04/19/2024 15:17
Chlordane (Technical)	ND		0.0014	0.0025	1	04/19/2024 15:17
a-Chlordane	**0.00034**		0.000045	0.00010	1	04/19/2024 15:17
g-Chlordane	**0.00051**	P	0.000058	0.00010	1	04/19/2024 15:17
p,p-DDD	ND		0.000041	0.00010	1	04/19/2024 15:17
p,p-DDE	**0.00048**		0.000058	0.00010	1	04/19/2024 15:17
p,p-DDT	**0.000094**	J	0.000065	0.00010	1	04/19/2024 15:17
Dieldrin	**0.00040**		0.000061	0.00010	1	04/19/2024 15:17
Endosulfan I	ND		0.000037	0.00010	1	04/19/2024 15:17
Endosulfan II	ND		0.000078	0.00010	1	04/19/2024 15:17
Endosulfan sulfate	ND		0.000036	0.00010	1	04/19/2024 15:17
Endrin	ND		0.000070	0.00010	1	04/19/2024 15:17
Endrin aldehyde	ND		0.000061	0.00010	1	04/19/2024 15:17
Endrin ketone	ND		0.000087	0.00010	1	04/19/2024 15:17
Heptachlor	ND		0.000056	0.00010	1	04/19/2024 15:17
Heptachlor epoxide	**0.000052**	JP	0.000035	0.00010	1	04/19/2024 15:17
Hexachlorobenzene	ND		0.000073	0.0010	1	04/19/2024 15:17
Hexachlorocyclopentadiene	ND		0.00030	0.0020	1	04/19/2024 15:17
Methoxychlor	ND		0.000079	0.00020	1	04/19/2024 15:17
Toxaphene	ND		0.0058	0.010	1	04/19/2024 15:17

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	108	20-145	04/19/2024 15:17

Analyst(s): SVE Analytical Comments: h9,h2,h8

(Cont.)

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	04/17/2024	**Analytical Method:**	SW8081B
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Unit:**	mg/kg

Organochlorine Pesticides LL ESLs

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB7-2.0	2404450-015A	Soil	04/04/2024 11:30	GC40 04192413.d	291870

Analytes	Result	MDL	RL	DF	Date Analyzed
Aldrin	ND	0.00021	0.00050	5	04/19/2024 15:02
a-BHC	ND	0.00025	0.00050	5	04/19/2024 15:02
b-BHC	ND	0.00026	0.00050	5	04/19/2024 15:02
d-BHC	ND	0.00020	0.00050	5	04/19/2024 15:02
g-BHC	ND	0.00026	0.00050	5	04/19/2024 15:02
Chlordane (Technical)	**0.24**	0.0070	0.012	5	04/19/2024 15:02
a-Chlordane	**0.027**	0.00022	0.00050	5	04/19/2024 15:02
g-Chlordane	**0.033**	0.00029	0.00050	5	04/19/2024 15:02
p,p-DDD	ND	0.00020	0.00050	5	04/19/2024 15:02
p,p-DDE	**0.062**	0.00029	0.00050	5	04/19/2024 15:02
p,p-DDT	**0.023**	0.00033	0.00050	5	04/19/2024 15:02
Dieldrin	**0.055**	0.00030	0.00050	5	04/19/2024 15:02
Endosulfan I	ND	0.00018	0.00050	5	04/19/2024 15:02
Endosulfan II	ND	0.00039	0.00050	5	04/19/2024 15:02
Endosulfan sulfate	ND	0.00018	0.00050	5	04/19/2024 15:02
Endrin	ND	0.00035	0.00050	5	04/19/2024 15:02
Endrin aldehyde	ND	0.00030	0.00050	5	04/19/2024 15:02
Endrin ketone	ND	0.00044	0.00050	5	04/19/2024 15:02
Heptachlor	ND	0.00028	0.00050	5	04/19/2024 15:02
Heptachlor epoxide	**0.0020**	0.00018	0.00050	5	04/19/2024 15:02
Hexachlorobenzene	ND	0.00036	0.0050	5	04/19/2024 15:02
Hexachlorocyclopentadiene	ND	0.0015	0.010	5	04/19/2024 15:02
Methoxychlor	ND	0.00040	0.0010	5	04/19/2024 15:02
Toxaphene	ND	0.029	0.050	5	04/19/2024 15:02

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	129	20-145	04/19/2024 15:02

Analyst(s): SVE Analytical Comments: a2,h9,h2,h8

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW1311/SW3510C
Date Prepared:	04/16/2024	**Analytical Method:**	SW8081B
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Unit:**	mg/L

Organochlorine Pesticides (TCLP)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB7-0.5	2404450-007A	Soil	04/04/2024 11:28	GC23 04182423.d	291860

Analytes	Result	MDL	RL	DF	Date Analyzed
Chlordane (Technical)	ND	0.00063	0.00063	1	04/18/2024 21:02

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	93	70-130	04/18/2024 21:02

Analyst(s): CN

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Prepared:	04/17/2024	**BatchID:**	291870
Date Analyzed:	04/17/2024 - 04/18/2024	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC40	**Analytical Method:**	SW8081B
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Sample ID:**	MB/LCS/LCSD-291870

QC Summary Report for SW8081B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.000042	0.00010	-	-	-
a-BHC	ND	0.000050	0.00010	-	-	-
b-BHC	ND	0.000051	0.00010	-	-	-
d-BHC	ND	0.000041	0.00010	-	-	-
g-BHC	ND	0.000052	0.00010	-	-	-
Chlordane (Technical)	ND	0.0014	0.0025	-	-	-
a-Chlordane	ND	0.000045	0.00010	-	-	-
g-Chlordane	ND	0.000058	0.00010	-	-	-
p,p-DDD	ND	0.000041	0.00010	-	-	-
p,p-DDE	ND	0.000058	0.00010	-	-	-
p,p-DDT	ND	0.000065	0.00010	-	-	-
Dieldrin	ND	0.000061	0.00010	-	-	-
Endosulfan I	ND	0.000037	0.00010	-	-	-
Endosulfan II	ND	0.000078	0.00010	-	-	-
Endosulfan sulfate	ND	0.000036	0.00010	-	-	-
Endrin	ND	0.000070	0.00010	-	-	-
Endrin aldehyde	ND	0.000061	0.00010	-	-	-
Endrin ketone	ND	0.000087	0.00010	-	-	-
Heptachlor	ND	0.000056	0.00010	-	-	-
Heptachlor epoxide	ND	0.000035	0.00010	-	-	-
Hexachlorobenzene	ND	0.000073	0.0010	-	-	-
Hexachlorocyclopentadiene	ND	0.00030	0.0020	-	-	-
Methoxychlor	ND	0.000079	0.00020	-	-	-
Toxaphene	ND	0.0058	0.010	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.0053			0.005	107	28-170

(Cont.)

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Prepared:	04/17/2024	**BatchID:**	291870
Date Analyzed:	04/17/2024 - 04/18/2024	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC40	**Analytical Method:**	SW8081B
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Sample ID:**	MB/LCS/LCSD-291870

QC Summary Report for SW8081B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.0036	0.0038	0.0050	72	76	31-155	5.52	20
a-BHC	0.0036	0.0039	0.0050	72	77	32-160	6.63	20
b-BHC	0.0034	0.0036	0.0050	68	73	44-149	6.30	20
d-BHC	0.0031	0.0034	0.0050	63	68	37-157	7.58	20
g-BHC	0.0036	0.0039	0.0050	72	77	43-154	6.60	20
a-Chlordane	0.0035	0.0038	0.0050	71	76	39-150	6.31	20
g-Chlordane	0.0036	0.0038	0.0050	72	77	39-151	6.22	20
p,p-DDD	0.0043	0.0046	0.0050	86	92	30-158	6.86	20
p,p-DDE	0.0039	0.0041	0.0050	78	82	47-149	6.08	20
p,p-DDT	0.0039	0.0042	0.0050	78	84	56-166	6.48	20
Dieldrin	0.0038	0.0041	0.0050	76	82	50-163	7.89	20
Endosulfan I	0.0036	0.0039	0.0050	72	78	45-159	7.87	20
Endosulfan II	0.0038	0.0041	0.0050	75	81	41-155	7.96	20
Endosulfan sulfate	0.0038	0.0039	0.0050	75	78	45-156	3.10	20
Endrin	0.0043	0.0047	0.0050	87	94	54-154	7.73	20
Endrin aldehyde	0.0039	0.0041	0.0050	77	82	27-159	6.23	20
Endrin ketone	0.0038	0.0041	0.0050	77	83	40-147	7.50	20
Heptachlor	0.0039	0.0041	0.0050	78	83	52-165	6.00	20
Heptachlor epoxide	0.0036	0.0038	0.0050	71	77	46-145	7.50	20
Hexachlorobenzene	0.0034	0.0036	0.0050	68	72	22-156	6.60	20
Hexachlorocyclopentadiene	0.0031	0.0032	0.0050	62	64	43-173	3.48	20
Methoxychlor	0.0040	0.0040	0.0050	80	80	49-150	0.0829	20
Surrogate Recovery								
Decachlorobiphenyl	0.0056	0.0058	0.0050	112	117	28-170	3.66	20

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Prepared:	04/16/2024	**BatchID:**	291860
Date Analyzed:	04/18/2024	**Extraction Method:**	SW1311/SW3510C
Instrument:	GC23	**Analytical Method:**	SW8081B
Matrix:	Soil	**Unit:**	mg/L
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Sample ID:**	MB/LCS/LCSD-291860

QC Summary Report for SW8081B (TCLP)

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.000025	0.000025	-	-	-
a-BHC	ND	0.000025	0.000025	-	-	-
b-BHC	ND	0.000025	0.000025	-	-	-
d-BHC	ND	0.000025	0.000025	-	-	-
g-BHC	ND	0.000025	0.000025	-	-	-
Chlordane (Technical)	ND	0.00063	0.00063	-	-	-
a-Chlordane	ND	0.000025	0.000025	-	-	-
g-Chlordane	ND	0.000025	0.000025	-	-	-
p,p-DDD	ND	0.000025	0.000025	-	-	-
p,p-DDE	ND	0.000025	0.000025	-	-	-
p,p-DDT	ND	0.000025	0.000025	-	-	-
Dieldrin	ND	0.000025	0.000025	-	-	-
Endosulfan I	ND	0.000025	0.000025	-	-	-
Endosulfan II	ND	0.000025	0.000025	-	-	-
Endosulfan sulfate	ND	0.000025	0.000025	-	-	-
Endrin	ND	0.000025	0.000025	-	-	-
Endrin aldehyde	ND	0.000025	0.000025	-	-	-
Endrin ketone	ND	0.000025	0.000025	-	-	-
Heptachlor	ND	0.000025	0.000025	-	-	-
Heptachlor epoxide	ND	0.000025	0.000025	-	-	-
Hexachlorobenzene	ND	0.00050	0.00050	-	-	-
Hexachlorocyclopentadiene	ND	0.0010	0.0010	-	-	-
Methoxychlor	ND	0.000025	0.000025	-	-	-
Toxaphene	ND	0.0013	0.0013	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.0011			0.00125	87	70-130

(Cont.)

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404450
Date Prepared:	04/16/2024	**BatchID:**	291860
Date Analyzed:	04/18/2024	**Extraction Method:**	SW1311/SW3510C
Instrument:	GC23	**Analytical Method:**	SW8081B
Matrix:	Soil	**Unit:**	mg/L
Project:	10260-001.01; 10033 Hillcrest Road Soils	**Sample ID:**	MB/LCS/LCSD-291860

QC Summary Report for SW8081B (TCLP)

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.0011	0.0011	0.0012	90	90	70-130	0.226	30
a-BHC	0.0012	0.0011	0.0012	92	91	70-130	0.779	30
b-BHC	0.0010	0.0010	0.0012	81	81	70-130	0.123	30
d-BHC	0.00091	0.00091	0.0012	73	72	70-130	0.190	30
g-BHC	0.0012	0.0012	0.0012	98	98	70-130	0.595	30
a-Chlordane	0.0011	0.0011	0.0012	89	89	70-130	0.165	30
g-Chlordane	0.0011	0.0011	0.0012	89	89	70-130	0.150	30
p,p-DDD	0.0011	0.0011	0.0012	89	88	70-130	1.11	30
p,p-DDE	0.0011	0.0011	0.0012	87	87	70-130	0.200	30
p,p-DDT	0.0010	0.00099	0.0012	80	79	70-130	0.740	30
Dieldrin	0.0011	0.0011	0.0012	91	91	70-130	0.215	30
Endosulfan I	0.0011	0.0011	0.0012	89	89	70-130	0.405	30
Endosulfan II	0.0011	0.0011	0.0012	86	85	70-130	0.696	30
Endosulfan sulfate	0.00097	0.00097	0.0012	77	77	70-130	0.183	30
Endrin	0.0012	0.0012	0.0012	96	96	70-130	0.0836	30
Endrin aldehyde	0.00098	0.00098	0.0012	79	79	70-130	0.0906	30
Endrin ketone	0.0011	0.0011	0.0012	89	89	70-130	0.312	30
Heptachlor	0.0012	0.0012	0.0012	98	98	70-130	0.421	30
Heptachlor epoxide	0.0011	0.0011	0.0012	90	90	70-130	0.0756	30
Hexachlorobenzene	0.0012	0.0012	0.0012	95	94	70-130	0.721	30
Hexachlorocyclopentadiene	0.0010	0.00080	0.0012	82	64,F2	70-130	24.7	30
Methoxychlor	0.0011	0.0011	0.0012	90	89	70-130	1.02	30
Surrogate Recovery								
Decachlorobiphenyl	0.0011	0.0011	0.0012	86	85	70-130	1.67	30

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2404450 A **ClientCode: ACCE**

☐ WaterTrax ☐ CLIP ☐ EDF ☐ EQuIS ☐ Dry-Weight ☑ Email ☐ HardCopy ☑ ThirdParty ☑ J-flag
☐ Detection Summary ☐ Excel

Report to:
Kim Bunting
ACC Environmental Consultants, Inc.
7977 Capwell Drive , Suite 100
Oakland, CA 94621
(510) 638-8400 FAX: (510) 638-8404

Email: kbunting@accenv.com; isutherland@accen
cc/3rd Party:
PO:
Project: 10260-001.01; 10033 Hillcrest Road Soils

Bill to:
Accounts Payable
ACC Environmental Consultants, Inc.
7977 Capwell Drive , Suite 100
Oakland, CA 94621
accenvap@bill.com

Requested TATs: **1 day; 2 days;**

Date Received: **04/05/2024**
Date Logged: **04/08/2024**
Date Add-On: **04/16/2024**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2404450-007	ACCB7-0.5	Soil	4/4/2024 11:28	☐		A										
2404450-010	ACCB2-2.0	Soil	4/4/2024 11:03	☐	A		A									
2404450-011	ACCB3-2.0	Soil	4/4/2024 12:02	☐	A		A									
2404450-015	ACCB7-2.0	Soil	4/4/2024 11:30	☐	A		A									

Test Legend:

1	8081_ESL_LL_S	2	8081_TCLP_S	3	PRHOLD Credit	4	
5		6		7		8	
9		10		11		12	

Project Manager: Jennifer Lagerbom

Prepared by: Agustina Venegas

Add-On Prepared By: Maria Venegas

Comments: Samples 010,011,015 taken off HOLD for OCPs & TCLP Chlordane added to 007 4/16/24 Rush TAT.

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ACC ENVIRONMENTAL CONSULTANTS, INC.
Client Contact: Kim Bunting
Contact's Email kbunting@accenv.com; isutherland@accenv.com

Project: 10260-001.01; 10033 Hillcrest Road Soils
Comments: Samples 010,011,015 taken off HOLD for OCPs & TCLP Chlordane added to 007 4/16/24 Rush TAT.

Work Order: 2404450
QC Level: LEVEL 2
Date Logged: 4/8/2024
Date Add-On: 4/16/2024

LabID	ClientSampID	Matrix	Test Name	Cont. /Comp	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
007A	ACCB7-0.5	Soil	SW8081B (OC Pesticides) (TCLP) <Chlordane (Technical)_1>	1	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 11:28	1 day*	4/19/2024		☐	☐
010A	ACCB2-2.0	Soil	SW8081B (OC Pesticides) LL ESLs	1	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 11:03	2 days	4/22/2024		☐	☐
011A	ACCB3-2.0	Soil	SW8081B (OC Pesticides) LL ESLs	1	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 12:02	2 days	4/22/2024		☐	☐
015A	ACCB7-2.0	Soil	SW8081B (OC Pesticides) LL ESLs	1	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 11:30	2 days	4/22/2024		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont. / Comp. = Containers /Composites

General COC

MAI Work Order # 2404450

McCAMPBELL ANALYTICAL, INC.

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CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush | 2 Day Rush | 3 Day Rush | STD [X] | Quote #
J-Flag / MDL [X] | ESL [X] | Cleanup Approved | Dry Weight | Bottle Order #
Delivery Format: PDF [X] | GeoTracker EDF | EDD | Write On (DW) | Detect Summary

Report To: Kimberly Bunting Bill To: ACC
Company: ACC Environmental
Address: 7977 Capwell Drive Suite 100, Oakland
Email: Kbunting@accenv.com Tele: 707-481-0795
Project Name: 10033 Hillcrest road soils Project #: 10260-001.01
Project Location: 10033 hillcrest rd, Cupertino, CA PO #
Sampler Signature:

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	Multi Range as Gas, Diesel, and Motor Oil (8021/8015)	BTEX & TPH as Gas (8021/8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664/9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664/9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/608/8081 (Cl Pesticides)	EPA 608/8082 PCB's; Arocolors only	EPA 524.2/624/8260 (VOCs)	EPA 525.2/625/8270 (SVOCs)	EPA 8270 SIM/8310 (PAHs/PNAs)	CAM 17 Metals (200.8/6020)*	Metals (200.8/6020)*	Baylands Requirements	Lab to filter sample for dissolved metals analysis	Lead/Arsenic 6020	HOLD	TCLP Chlordane
ACCB1-0.5	4/4/24	10:42	1	Soil	Ice								X									X		
ACCB2-0.5	4/4/24	10:57	1										X									X		
ACCB3-0.5	4/4/24	11:55	1										X									X		
ACCB4-0.5	4/4/24	12:10	1										X									X		
ACCB5-0.5	4/4/24	11:07	1										X									X		
ACCB6-0.5	4/4/24	11:17	1										X									X		
ACCB7-0.5	4/4/24	11:28	1										X									X		X
ACCB8-0.5	4/4/24	11:43	1										X									X		
ACCB1-2.0	4/4/24	10:47	1																				X	
ACCB2-2.0	4/4/24	11:03	1										X											

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
Davis Leach/ACE	4/4/24	14:45		4/5/24	11:00
	4/5/24	1530		4/5/24	1530

Comments / Instructions
Added 4/16/24
RUSH

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other
Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 4.1 °C Initials
WET

Page 1 of 2.

General COC

MAI Work Order # _____

McCAMPBELL ANALYTICAL, INC.

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www.mccampbell.com main@mccampbell.com

CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush | 2 Day Rush | 3 Day Rush | STD [X] | Quote #
J-Flag / MDL [X] | ESL [X] | Cleanup Approved | Dry Weight | Bottle Order #
Delivery Format: PDF [X] | GeoTracker EDF | EDD | Write On (DW) | Detect Summary

Report To: Kimberly Bunting | Bill To: ACC
Company: ACC Environmental
Address: 7977 Capwell Drive Suite 100, Oakland
Email: Kbunting@accenv.com | Tele: 707-481-0795
Project Name: 10033 Hillcrest Soils | Project #: 10260-001.01
Project Location: 10033 Hillcrest Rd, Cupertino | PO #
Sampler Signature:

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative	Multi Range as Gas, Diesel, and Motor Oil (8021/8015)	BTEX & TPH as Gas (8021/8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664/9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664/9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 505/608/8081 (Cl Pesticides)	EPA 608/8082 PCB's; Aroclors only	EPA 524.2/624/8260 (VOCs)	EPA 525.2/625/8270 (SVOCs)	EPA 8270 SIM/8310 (PAHs/PNAs)	CAM 17 Metals (200.8/6020)*	Metals (200.8/6020)*	Baylands Requirements	Lab to filter sample for dissolved metals analysis	Hold		
ACCB3-2.0	4/4/24	12:02	1	Soil	Ice									X								X		
ACCB4-2.0	4/4/24	12:30	1	"	"																	X		
ACCB5-2.0	4/4/24	11:10	1	"	"																	X		
ACCB6-2.0	4/4/24	11:26	1	"	"																	X		
ACCB7-2.0	4/4/24	11:30	1	"	"									X								X		
ACCB8-2.0	4/4/24	11:50	1	"	"																	X		

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Comments / Instructions

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
Davis Leach/ACC	4/4/24	14:45		4/5/24	11:06
	4/5/24	1536		4/5/24	1530

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp _____ °C Initials _____

Page -2 of 2

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2404449

Report Created for: ACC Environmental Consultants, Inc.

7977 Capwell Drive , Suite 100
Oakland, CA 94621

Project Contact: Kim Bunting
Project P.O.:
Project: 10260-001.01; 10033 Hillcrest Soils

Project Location: 10033 Hillcrest Rd. Cupertino
Project Received: 04/05/2024

Analytical Report reviewed & approved for release on 04/12/2024 by:

Jena Alfaro
Project Manager

McCampbell Analytical, Inc.
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Glossary of Terms & Qualifier Definitions

Client: ACC Environmental Consultants, Inc. **WorkOrder:** 2404449

Project: 10260-001.01; 10033 Hillcrest Soils

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range
SPK Val	Spike Value

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: ACC Environmental Consultants, Inc. **WorkOrder:** 2404449

Project: 10260-001.01; 10033 Hillcrest Soils

SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	"Too Numerous to Count;" greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

Analytical Qualifiers

B	Analyte detected in the associated Method Blank at a concentration greater than 1/10 the reported sample result.
J	Result is less than the RL/ML but greater than the MDL. The reported concentration is an estimated value.
d9	No recognizable pattern
e2	Diesel range compounds are detected; no recognizable pattern
e6	One to a few isolated peaks present in the TPH(d/mo) chromatogram
h5	GPC (EPA 3640) cleanup

Quality Control Qualifiers

F1	MS/MSD recovery and/or RPD is out of acceptance criteria; LCS validates the prep batch.
F5	LCS/LCSD recovery is outside of acceptance limits; however, the data is acceptable based upon the TNI allowable marginal exceedances.
F10	MS/MSD outside control limits. Physical or chemical interferences exist due to sample matrix.

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B
Date Prepared:	04/08/2024	**Analytical Method:**	SW8082A
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/kg

Polychlorinated Biphenyls (PCBs) Aroclors

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2404449-001A	Soil	04/04/2024 12:10	GC23 04102465.d	291197

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	0.032	0.050	1	04/11/2024 02:32
Aroclor1221	ND	0.032	0.050	1	04/11/2024 02:32
Aroclor1232	ND	0.032	0.050	1	04/11/2024 02:32
Aroclor1242	ND	0.032	0.050	1	04/11/2024 02:32
Aroclor1248	ND	0.032	0.050	1	04/11/2024 02:32
Aroclor1254	ND	0.032	0.050	1	04/11/2024 02:32
Aroclor1260	ND	0.032	0.050	1	04/11/2024 02:32
PCBs, total	ND	NA	0.050	1	04/11/2024 02:32

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	99	60-130	04/11/2024 02:32

Analyst(s): CN

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB5/6/7/8-0.5	2404449-002A	Soil	04/04/2024 11:43	GC23 04102428.d	291197

Analytes	Result	MDL	RL	DF	Date Analyzed
Aroclor1016	ND	0.032	0.050	1	04/10/2024 16:48
Aroclor1221	ND	0.032	0.050	1	04/10/2024 16:48
Aroclor1232	ND	0.032	0.050	1	04/10/2024 16:48
Aroclor1242	ND	0.032	0.050	1	04/10/2024 16:48
Aroclor1248	ND	0.032	0.050	1	04/10/2024 16:48
Aroclor1254	ND	0.032	0.050	1	04/10/2024 16:48
Aroclor1260	ND	0.032	0.050	1	04/10/2024 16:48
PCBs, total	ND	NA	0.050	1	04/10/2024 16:48

Surrogates	REC (%)	Limits	
Decachlorobiphenyl	108	60-130	04/10/2024 16:48

Analyst(s): CN

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW5030B
Date Prepared:	04/08/2024	**Analytical Method:**	SW8260D
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2404449-001A	Soil	04/04/2024 12:10	GC49 04102427.D	291160

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.12	0.20	1	04/11/2024 01:57
tert-Amyl methyl ether (TAME)	ND	0.0012	0.0050	1	04/11/2024 01:57
Benzene	ND	0.00095	0.0050	1	04/11/2024 01:57
Bromobenzene	ND	0.0012	0.0050	1	04/11/2024 01:57
Bromochloromethane	ND	0.0011	0.0050	1	04/11/2024 01:57
Bromodichloromethane	ND	0.00023	0.0050	1	04/11/2024 01:57
Bromoform	ND	0.0038	0.0050	1	04/11/2024 01:57
Bromomethane	ND	0.0018	0.0050	1	04/11/2024 01:57
2-Butanone (MEK)	ND	0.040	0.10	1	04/11/2024 01:57
t-Butyl alcohol (TBA)	ND	0.024	0.050	1	04/11/2024 01:57
n-Butyl benzene	ND	0.0016	0.0050	1	04/11/2024 01:57
sec-Butyl benzene	ND	0.0018	0.0050	1	04/11/2024 01:57
tert-Butyl benzene	ND	0.0021	0.0050	1	04/11/2024 01:57
Carbon Disulfide	ND	0.0011	0.0050	1	04/11/2024 01:57
Carbon Tetrachloride	ND	0.00017	0.0050	1	04/11/2024 01:57
Chlorobenzene	ND	0.0012	0.0050	1	04/11/2024 01:57
Chloroethane	ND	0.0017	0.0050	1	04/11/2024 01:57
Chloroform	ND	0.00032	0.0050	1	04/11/2024 01:57
Chloromethane	ND	0.0017	0.0050	1	04/11/2024 01:57
2-Chlorotoluene	ND	0.0016	0.0050	1	04/11/2024 01:57
4-Chlorotoluene	ND	0.0013	0.0050	1	04/11/2024 01:57
Dibromochloromethane	ND	0.00040	0.0050	1	04/11/2024 01:57
1,2-Dibromo-3-chloropropane	ND	0.00048	0.00050	1	04/11/2024 01:57
1,2-Dibromoethane (EDB)	ND	0.00013	0.00025	1	04/11/2024 01:57
Dibromomethane	ND	0.0012	0.0050	1	04/11/2024 01:57
1,2-Dichlorobenzene	ND	0.0017	0.0050	1	04/11/2024 01:57
1,3-Dichlorobenzene	ND	0.0015	0.0050	1	04/11/2024 01:57
1,4-Dichlorobenzene	ND	0.0015	0.0050	1	04/11/2024 01:57
Dichlorodifluoromethane	ND	0.00063	0.0050	1	04/11/2024 01:57
1,1-Dichloroethane	ND	0.0015	0.0050	1	04/11/2024 01:57
1,2-Dichloroethane (1,2-DCA)	ND	0.000070	0.00010	1	04/11/2024 01:57
1,1-Dichloroethene	ND	0.00011	0.0050	1	04/11/2024 01:57
cis-1,2-Dichloroethene	ND	0.0012	0.0050	1	04/11/2024 01:57
trans-1,2-Dichloroethene	ND	0.0012	0.0050	1	04/11/2024 01:57
1,2-Dichloropropane	ND	0.0013	0.0050	1	04/11/2024 01:57
1,3-Dichloropropane	ND	0.00088	0.0050	1	04/11/2024 01:57

(Cont.)

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW5030B
Date Prepared:	04/08/2024	**Analytical Method:**	SW8260D
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2404449-001A	Soil	04/04/2024 12:10	GC49 04102427.D	291160

Analytes	Result	MDL	RL	DF	Date Analyzed
2,2-Dichloropropane	ND	0.0019	0.0050	1	04/11/2024 01:57
1,1-Dichloropropene	ND	0.0018	0.0050	1	04/11/2024 01:57
cis-1,3-Dichloropropene	ND	0.00098	0.0050	1	04/11/2024 01:57
trans-1,3-Dichloropropene	ND	0.00097	0.0050	1	04/11/2024 01:57
Diisopropyl ether (DIPE)	ND	0.0018	0.0050	1	04/11/2024 01:57
Ethylbenzene	ND	0.0011	0.0050	1	04/11/2024 01:57
Ethyl tert-butyl ether (ETBE)	ND	0.0014	0.0050	1	04/11/2024 01:57
Freon 113	ND	0.0011	0.0050	1	04/11/2024 01:57
Hexachlorobutadiene	ND	0.0012	0.0050	1	04/11/2024 01:57
Hexachloroethane	ND	0.00064	0.0050	1	04/11/2024 01:57
2-Hexanone	ND	0.0027	0.0050	1	04/11/2024 01:57
Isopropylbenzene	ND	0.0018	0.0050	1	04/11/2024 01:57
4-Isopropyl toluene	ND	0.0019	0.0050	1	04/11/2024 01:57
Methyl-t-butyl ether (MTBE)	ND	0.0015	0.0050	1	04/11/2024 01:57
Methylene chloride	ND	0.012	0.020	1	04/11/2024 01:57
4-Methyl-2-pentanone (MIBK)	ND	0.0017	0.0050	1	04/11/2024 01:57
Naphthalene	ND	0.0030	0.0050	1	04/11/2024 01:57
n-Propyl benzene	ND	0.0019	0.0050	1	04/11/2024 01:57
Styrene	ND	0.0014	0.0050	1	04/11/2024 01:57
1,1,1,2-Tetrachloroethane	ND	0.0013	0.0050	1	04/11/2024 01:57
1,1,2,2-Tetrachloroethane	ND	0.00044	0.0050	1	04/11/2024 01:57
Tetrachloroethene	ND	0.00029	0.0050	1	04/11/2024 01:57
Toluene	ND	0.0016	0.0050	1	04/11/2024 01:57
1,2,3-Trichlorobenzene	ND	0.0021	0.0050	1	04/11/2024 01:57
1,2,4-Trichlorobenzene	ND	0.0016	0.0050	1	04/11/2024 01:57
1,1,1-Trichloroethane	ND	0.0016	0.0050	1	04/11/2024 01:57
1,1,2-Trichloroethane	ND	0.0012	0.0050	1	04/11/2024 01:57
Trichloroethene	ND	0.0014	0.0050	1	04/11/2024 01:57
Trichlorofluoromethane	ND	0.0013	0.0050	1	04/11/2024 01:57
1,2,3-Trichloropropane	ND	0.00017	0.00025	1	04/11/2024 01:57
1,2,4-Trimethylbenzene	ND	0.0016	0.0050	1	04/11/2024 01:57
1,3,5-Trimethylbenzene	ND	0.0017	0.0050	1	04/11/2024 01:57
Vinyl Chloride	ND	0.00012	0.00025	1	04/11/2024 01:57
m,p-Xylene	ND	0.0026	0.0050	1	04/11/2024 01:57
o-Xylene	ND	0.0014	0.0050	1	04/11/2024 01:57
Xylenes, Total	ND	NA	0.0050	1	04/11/2024 01:57

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW5030B
Date Prepared:	04/08/2024	**Analytical Method:**	SW8260D
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2404449-001A	Soil	04/04/2024 12:10	GC49 04102427.D	291160

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	**REC (%)**		**Limits**		
Dibromofluoromethane	102		70-140		04/11/2024 01:57
Toluene-d8	101		70-140		04/11/2024 01:57
4-BFB	102		70-140		04/11/2024 01:57
Benzene-d6	113		50-140		04/11/2024 01:57
Ethylbenzene-d10	113		50-140		04/11/2024 01:57
1,2-DCB-d4	86		40-140		04/11/2024 01:57

Analyst(s): CLO

(Cont.)

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW5030B
Date Prepared:	04/08/2024	**Analytical Method:**	SW8260D
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB5/6/7/8-0.5	2404449-002A	Soil	04/04/2024 11:43	GC49 04102428.D	291160

Analytes	Result	MDL	RL	DF	Date Analyzed
Acetone	ND	0.12	0.20	1	04/11/2024 02:38
tert-Amyl methyl ether (TAME)	ND	0.0012	0.0050	1	04/11/2024 02:38
Benzene	ND	0.00095	0.0050	1	04/11/2024 02:38
Bromobenzene	ND	0.0012	0.0050	1	04/11/2024 02:38
Bromochloromethane	ND	0.0011	0.0050	1	04/11/2024 02:38
Bromodichloromethane	ND	0.00023	0.0050	1	04/11/2024 02:38
Bromoform	ND	0.0038	0.0050	1	04/11/2024 02:38
Bromomethane	ND	0.0018	0.0050	1	04/11/2024 02:38
2-Butanone (MEK)	ND	0.040	0.10	1	04/11/2024 02:38
t-Butyl alcohol (TBA)	ND	0.024	0.050	1	04/11/2024 02:38
n-Butyl benzene	ND	0.0016	0.0050	1	04/11/2024 02:38
sec-Butyl benzene	ND	0.0018	0.0050	1	04/11/2024 02:38
tert-Butyl benzene	ND	0.0021	0.0050	1	04/11/2024 02:38
Carbon Disulfide	ND	0.0011	0.0050	1	04/11/2024 02:38
Carbon Tetrachloride	ND	0.00017	0.0050	1	04/11/2024 02:38
Chlorobenzene	ND	0.0012	0.0050	1	04/11/2024 02:38
Chloroethane	ND	0.0017	0.0050	1	04/11/2024 02:38
Chloroform	ND	0.00032	0.0050	1	04/11/2024 02:38
Chloromethane	ND	0.0017	0.0050	1	04/11/2024 02:38
2-Chlorotoluene	ND	0.0016	0.0050	1	04/11/2024 02:38
4-Chlorotoluene	ND	0.0013	0.0050	1	04/11/2024 02:38
Dibromochloromethane	ND	0.00040	0.0050	1	04/11/2024 02:38
1,2-Dibromo-3-chloropropane	ND	0.00048	0.00050	1	04/11/2024 02:38
1,2-Dibromoethane (EDB)	ND	0.00013	0.00025	1	04/11/2024 02:38
Dibromomethane	ND	0.0012	0.0050	1	04/11/2024 02:38
1,2-Dichlorobenzene	ND	0.0017	0.0050	1	04/11/2024 02:38
1,3-Dichlorobenzene	ND	0.0015	0.0050	1	04/11/2024 02:38
1,4-Dichlorobenzene	ND	0.0015	0.0050	1	04/11/2024 02:38
Dichlorodifluoromethane	ND	0.00063	0.0050	1	04/11/2024 02:38
1,1-Dichloroethane	ND	0.0015	0.0050	1	04/11/2024 02:38
1,2-Dichloroethane (1,2-DCA)	ND	0.000070	0.00010	1	04/11/2024 02:38
1,1-Dichloroethene	ND	0.00011	0.0050	1	04/11/2024 02:38
cis-1,2-Dichloroethene	ND	0.0012	0.0050	1	04/11/2024 02:38
trans-1,2-Dichloroethene	ND	0.0012	0.0050	1	04/11/2024 02:38
1,2-Dichloropropane	ND	0.0013	0.0050	1	04/11/2024 02:38
1,3-Dichloropropane	ND	0.00088	0.0050	1	04/11/2024 02:38

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW5030B
Date Prepared:	04/08/2024	**Analytical Method:**	SW8260D
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB5/6/7/8-0.5	2404449-002A	Soil	04/04/2024 11:43	GC49 04102428.D	291160

Analytes	Result	MDL	RL	DF	Date Analyzed
2,2-Dichloropropane	ND	0.0019	0.0050	1	04/11/2024 02:38
1,1-Dichloropropene	ND	0.0018	0.0050	1	04/11/2024 02:38
cis-1,3-Dichloropropene	ND	0.00098	0.0050	1	04/11/2024 02:38
trans-1,3-Dichloropropene	ND	0.00097	0.0050	1	04/11/2024 02:38
Diisopropyl ether (DIPE)	ND	0.0018	0.0050	1	04/11/2024 02:38
Ethylbenzene	ND	0.0011	0.0050	1	04/11/2024 02:38
Ethyl tert-butyl ether (ETBE)	ND	0.0014	0.0050	1	04/11/2024 02:38
Freon 113	ND	0.0011	0.0050	1	04/11/2024 02:38
Hexachlorobutadiene	ND	0.0012	0.0050	1	04/11/2024 02:38
Hexachloroethane	ND	0.00064	0.0050	1	04/11/2024 02:38
2-Hexanone	ND	0.0027	0.0050	1	04/11/2024 02:38
Isopropylbenzene	ND	0.0018	0.0050	1	04/11/2024 02:38
4-Isopropyl toluene	ND	0.0019	0.0050	1	04/11/2024 02:38
Methyl-t-butyl ether (MTBE)	ND	0.0015	0.0050	1	04/11/2024 02:38
Methylene chloride	ND	0.012	0.020	1	04/11/2024 02:38
4-Methyl-2-pentanone (MIBK)	ND	0.0017	0.0050	1	04/11/2024 02:38
Naphthalene	ND	0.0030	0.0050	1	04/11/2024 02:38
n-Propyl benzene	ND	0.0019	0.0050	1	04/11/2024 02:38
Styrene	ND	0.0014	0.0050	1	04/11/2024 02:38
1,1,1,2-Tetrachloroethane	ND	0.0013	0.0050	1	04/11/2024 02:38
1,1,2,2-Tetrachloroethane	ND	0.00044	0.0050	1	04/11/2024 02:38
Tetrachloroethene	ND	0.00029	0.0050	1	04/11/2024 02:38
Toluene	ND	0.0016	0.0050	1	04/11/2024 02:38
1,2,3-Trichlorobenzene	ND	0.0021	0.0050	1	04/11/2024 02:38
1,2,4-Trichlorobenzene	ND	0.0016	0.0050	1	04/11/2024 02:38
1,1,1-Trichloroethane	ND	0.0016	0.0050	1	04/11/2024 02:38
1,1,2-Trichloroethane	ND	0.0012	0.0050	1	04/11/2024 02:38
Trichloroethene	ND	0.0014	0.0050	1	04/11/2024 02:38
Trichlorofluoromethane	ND	0.0013	0.0050	1	04/11/2024 02:38
1,2,3-Trichloropropane	ND	0.00017	0.00025	1	04/11/2024 02:38
1,2,4-Trimethylbenzene	ND	0.0016	0.0050	1	04/11/2024 02:38
1,3,5-Trimethylbenzene	ND	0.0017	0.0050	1	04/11/2024 02:38
Vinyl Chloride	ND	0.00012	0.00025	1	04/11/2024 02:38
m,p-Xylene	ND	0.0026	0.0050	1	04/11/2024 02:38
o-Xylene	ND	0.0014	0.0050	1	04/11/2024 02:38
Xylenes, Total	ND	NA	0.0050	1	04/11/2024 02:38

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW5030B
Date Prepared:	04/08/2024	**Analytical Method:**	SW8260D
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB5/6/7/8-0.5	2404449-002A	Soil	04/04/2024 11:43	GC49 04102428.D	291160

Analytes	Result	MDL	RL	DF	Date Analyzed
Surrogates	**REC (%)**		**Limits**		
Dibromofluoromethane	103		70-140		04/11/2024 02:38
Toluene-d8	100		70-140		04/11/2024 02:38
4-BFB	104		70-140		04/11/2024 02:38
Benzene-d6	114		50-140		04/11/2024 02:38
Ethylbenzene-d10	113		50-140		04/11/2024 02:38
1,2-DCB-d4	86		40-140		04/11/2024 02:38

Analyst(s): CLO

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640A
Date Prepared:	04/09/2024	**Analytical Method:**	SW8270E
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2404449-001A	Soil	04/04/2024 12:10	GC47 04102408.D	291247

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Benzoic Acid	ND		0.62	1.2	1	04/10/2024 12:49
Acenaphthene	**0.0031**		0.00044	0.0013	1	04/10/2024 12:49
Acenaphthylene	**0.0012**	J	0.00023	0.0013	1	04/10/2024 12:49
Acetochlor	ND		0.11	0.25	1	04/10/2024 12:49
Anthracene	**0.0080**		0.00060	0.0013	1	04/10/2024 12:49
Benzidine	ND		0.40	1.2	1	04/10/2024 12:49
Benzo (a) anthracene	**0.063**		0.0030	0.012	1	04/10/2024 12:49
Benzo (a) pyrene	**0.099**		0.00078	0.0013	1	04/10/2024 12:49
Benzo (b) fluoranthene	**0.095**		0.0011	0.0025	1	04/10/2024 12:49
Benzo (g,h,i) perylene	**0.074**		0.00086	0.0025	1	04/10/2024 12:49
Benzo (k) fluoranthene	**0.053**		0.0012	0.0025	1	04/10/2024 12:49
Benzyl Alcohol	ND		0.73	1.2	1	04/10/2024 12:49
1,1-Biphenyl	ND		0.0054	0.012	1	04/10/2024 12:49
Bis (2-chloroethoxy) Methane	ND		0.13	0.25	1	04/10/2024 12:49
Bis (2-chloroethyl) Ether	ND		0.00033	0.0013	1	04/10/2024 12:49
Bis (2-chloroisopropyl) Ether	ND		0.0012	0.0025	1	04/10/2024 12:49
Bis (2-ethylhexyl) Adipate	ND		0.18	0.25	1	04/10/2024 12:49
Bis (2-ethylhexyl) Phthalate	**0.023**	J	0.0079	0.062	1	04/10/2024 12:49
4-Bromophenyl Phenyl Ether	ND		0.12	0.25	1	04/10/2024 12:49
Butylbenzyl Phthalate	**0.011**	J	0.0057	0.062	1	04/10/2024 12:49
4-Chloroaniline	ND		0.00099	0.0013	1	04/10/2024 12:49
4-Chloro-3-methylphenol	ND		0.13	0.25	1	04/10/2024 12:49
2-Chloronaphthalene	ND		0.12	0.25	1	04/10/2024 12:49
2-Chlorophenol	ND		0.0061	0.012	1	04/10/2024 12:49
4-Chlorophenyl Phenyl Ether	ND		0.12	0.25	1	04/10/2024 12:49
Chrysene	**0.078**		0.00073	0.0013	1	04/10/2024 12:49
Dibenzo (a,h) anthracene	**0.0097**	B	0.0013	0.0025	1	04/10/2024 12:49
Dibenzofuran	**0.0010**	J	0.00032	0.0013	1	04/10/2024 12:49
Di-n-butyl Phthalate	ND		0.0070	0.062	1	04/10/2024 12:49
1,2-Dichlorobenzene	ND		0.14	0.25	1	04/10/2024 12:49
1,3-Dichlorobenzene	ND		0.13	0.25	1	04/10/2024 12:49
1,4-Dichlorobenzene	ND		0.12	0.25	1	04/10/2024 12:49
3,3-Dichlorobenzidine	ND		0.00089	0.0013	1	04/10/2024 12:49
2,4-Dichlorophenol	ND		0.0012	0.0025	1	04/10/2024 12:49
Diethyl Phthalate	ND		0.0053	0.012	1	04/10/2024 12:49
2,4-Dimethylphenol	ND		0.11	0.25	1	04/10/2024 12:49

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640A
Date Prepared:	04/09/2024	**Analytical Method:**	SW8270E
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2404449-001A	Soil	04/04/2024 12:10	GC47 04102408.D	291247

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Dimethyl Phthalate	ND		0.0010	0.0025	1	04/10/2024 12:49
4,6-Dinitro-2-methylphenol	ND		0.55	1.2	1	04/10/2024 12:49
2,4-Dinitrophenol	ND		0.11	0.25	1	04/10/2024 12:49
2,4-Dinitrotoluene	ND		0.00041	0.012	1	04/10/2024 12:49
2,6-Dinitrotoluene	ND		0.0078	0.012	1	04/10/2024 12:49
Di-n-octyl Phthalate	ND		0.31	0.62	1	04/10/2024 12:49
1,2-Diphenylhydrazine	ND		0.11	0.25	1	04/10/2024 12:49
Fluoranthene	**0.22**		0.00073	0.0025	1	04/10/2024 12:49
Fluorene	**0.0026**		0.00078	0.0025	1	04/10/2024 12:49
Hexachlorobenzene	ND		0.00038	0.0013	1	04/10/2024 12:49
Hexachlorobutadiene	ND		0.00028	0.0013	1	04/10/2024 12:49
Hexachlorocyclopentadiene	ND		0.66	1.2	1	04/10/2024 12:49
Hexachloroethane	ND		0.00062	0.0025	1	04/10/2024 12:49
Indeno (1,2,3-cd) pyrene	**0.058**		0.0014	0.0025	1	04/10/2024 12:49
Isophorone	ND		0.055	0.25	1	04/10/2024 12:49
1-Methylnaphthalene	ND		0.00035	0.0013	1	04/10/2024 12:49
2-Methylnaphthalene	ND		0.00044	0.0013	1	04/10/2024 12:49
2-Methylphenol (o-Cresol)	ND		0.15	0.25	1	04/10/2024 12:49
3 & 4-Methylphenol (m,p-Cresol)	ND		0.14	0.25	1	04/10/2024 12:49
Naphthalene	ND		0.00042	0.0025	1	04/10/2024 12:49
2-Nitroaniline	ND		0.59	1.2	1	04/10/2024 12:49
3-Nitroaniline	ND		0.73	1.2	1	04/10/2024 12:49
4-Nitroaniline	ND		0.64	1.2	1	04/10/2024 12:49
Nitrobenzene	ND		0.14	0.25	1	04/10/2024 12:49
2-Nitrophenol	ND		0.63	1.2	1	04/10/2024 12:49
4-Nitrophenol	ND		0.70	1.2	1	04/10/2024 12:49
N-Nitrosodimethylamine	ND		0.61	1.2	1	04/10/2024 12:49
N-Nitrosodiphenylamine	ND		0.11	0.25	1	04/10/2024 12:49
N-Nitrosodi-n-propylamine	ND		0.14	0.25	1	04/10/2024 12:49
Pentachlorophenol	ND		0.032	0.062	1	04/10/2024 12:49
Phenanthrene	**0.073**		0.0010	0.0013	1	04/10/2024 12:49
Phenol	ND		0.0032	0.010	1	04/10/2024 12:49
Pyrene	**0.16**		0.00065	0.0013	1	04/10/2024 12:49
Pyridine	ND		0.094	0.25	1	04/10/2024 12:49
1,2,4-Trichlorobenzene	ND		0.13	0.25	1	04/10/2024 12:49
2,3,4,6-Tetrachlorophenol	ND		0.15	0.25	1	04/10/2024 12:49

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640A
Date Prepared:	04/09/2024	**Analytical Method:**	SW8270E
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2404449-001A	Soil	04/04/2024 12:10	GC47 04102408.D	291247

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,4,5-Trichlorophenol	ND		0.00067	0.0025	1	04/10/2024 12:49
2,4,6-Trichlorophenol	ND		0.00062	0.0025	1	04/10/2024 12:49

Surrogates	REC (%)	Limits	
2-Fluorophenol	74	60-130	04/10/2024 12:49
Phenol-d5	73	60-130	04/10/2024 12:49
Nitrobenzene-d5	73	60-130	04/10/2024 12:49
2-Fluorobiphenyl	69	60-130	04/10/2024 12:49
2,4,6-Tribromophenol	62	50-130	04/10/2024 12:49
4-Terphenyl-d14	74	50-130	04/10/2024 12:49

Analyst(s): MV Analytical Comments: h5

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640A
Date Prepared:	04/09/2024	**Analytical Method:**	SW8270E
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB5/6/7/8-0.5	2404449-002A	Soil	04/04/2024 11:43	GC47 04102409.D	291247

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Benzoic Acid	ND		0.62	1.2	1	04/10/2024 13:16
Acenaphthene	**0.00081**	J	0.00044	0.0013	1	04/10/2024 13:16
Acenaphthylene	**0.00078**	J	0.00023	0.0013	1	04/10/2024 13:16
Acetochlor	ND		0.11	0.25	1	04/10/2024 13:16
Anthracene	**0.0030**		0.00060	0.0013	1	04/10/2024 13:16
Benzidine	ND		0.40	1.2	1	04/10/2024 13:16
Benzo (a) anthracene	**0.029**		0.0030	0.012	1	04/10/2024 13:16
Benzo (a) pyrene	**0.046**		0.00078	0.0013	1	04/10/2024 13:16
Benzo (b) fluoranthene	**0.048**		0.0011	0.0025	1	04/10/2024 13:16
Benzo (g,h,i) perylene	**0.040**		0.00086	0.0025	1	04/10/2024 13:16
Benzo (k) fluoranthene	**0.019**		0.0012	0.0025	1	04/10/2024 13:16
Benzyl Alcohol	ND		0.73	1.2	1	04/10/2024 13:16
1,1-Biphenyl	ND		0.0054	0.012	1	04/10/2024 13:16
Bis (2-chloroethoxy) Methane	ND		0.13	0.25	1	04/10/2024 13:16
Bis (2-chloroethyl) Ether	ND		0.00033	0.0013	1	04/10/2024 13:16
Bis (2-chloroisopropyl) Ether	ND		0.0012	0.0025	1	04/10/2024 13:16
Bis (2-ethylhexyl) Adipate	ND		0.18	0.25	1	04/10/2024 13:16
Bis (2-ethylhexyl) Phthalate	**0.048**	J	0.0079	0.062	1	04/10/2024 13:16
4-Bromophenyl Phenyl Ether	ND		0.12	0.25	1	04/10/2024 13:16
Butylbenzyl Phthalate	ND		0.0057	0.062	1	04/10/2024 13:16
4-Chloroaniline	ND		0.00099	0.0013	1	04/10/2024 13:16
4-Chloro-3-methylphenol	ND		0.13	0.25	1	04/10/2024 13:16
2-Chloronaphthalene	ND		0.12	0.25	1	04/10/2024 13:16
2-Chlorophenol	ND		0.0061	0.012	1	04/10/2024 13:16
4-Chlorophenyl Phenyl Ether	ND		0.12	0.25	1	04/10/2024 13:16
Chrysene	**0.032**		0.00073	0.0013	1	04/10/2024 13:16
Dibenzo (a,h) anthracene	**0.0062**	B	0.0013	0.0025	1	04/10/2024 13:16
Dibenzofuran	ND		0.00032	0.0013	1	04/10/2024 13:16
Di-n-butyl Phthalate	ND		0.0070	0.062	1	04/10/2024 13:16
1,2-Dichlorobenzene	ND		0.14	0.25	1	04/10/2024 13:16
1,3-Dichlorobenzene	ND		0.13	0.25	1	04/10/2024 13:16
1,4-Dichlorobenzene	ND		0.12	0.25	1	04/10/2024 13:16
3,3-Dichlorobenzidine	ND		0.00089	0.0013	1	04/10/2024 13:16
2,4-Dichlorophenol	ND		0.0012	0.0025	1	04/10/2024 13:16
Diethyl Phthalate	ND		0.0053	0.012	1	04/10/2024 13:16
2,4-Dimethylphenol	ND		0.11	0.25	1	04/10/2024 13:16

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640A
Date Prepared:	04/09/2024	**Analytical Method:**	SW8270E
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB5/6/7/8-0.5	2404449-002A	Soil	04/04/2024 11:43	GC47 04102409.D	291247

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Dimethyl Phthalate	ND		0.0010	0.0025	1	04/10/2024 13:16
4,6-Dinitro-2-methylphenol	ND		0.55	1.2	1	04/10/2024 13:16
2,4-Dinitrophenol	ND		0.11	0.25	1	04/10/2024 13:16
2,4-Dinitrotoluene	ND		0.00041	0.012	1	04/10/2024 13:16
2,6-Dinitrotoluene	ND		0.0078	0.012	1	04/10/2024 13:16
Di-n-octyl Phthalate	ND		0.31	0.62	1	04/10/2024 13:16
1,2-Diphenylhydrazine	ND		0.11	0.25	1	04/10/2024 13:16
Fluoranthene	**0.071**		0.00073	0.0025	1	04/10/2024 13:16
Fluorene	ND		0.00078	0.0025	1	04/10/2024 13:16
Hexachlorobenzene	ND		0.00038	0.0013	1	04/10/2024 13:16
Hexachlorobutadiene	ND		0.00028	0.0013	1	04/10/2024 13:16
Hexachlorocyclopentadiene	ND		0.66	1.2	1	04/10/2024 13:16
Hexachloroethane	ND		0.00062	0.0025	1	04/10/2024 13:16
Indeno (1,2,3-cd) pyrene	**0.031**		0.0014	0.0025	1	04/10/2024 13:16
Isophorone	ND		0.055	0.25	1	04/10/2024 13:16
1-Methylnaphthalene	ND		0.00035	0.0013	1	04/10/2024 13:16
2-Methylnaphthalene	ND		0.00044	0.0013	1	04/10/2024 13:16
2-Methylphenol (o-Cresol)	ND		0.15	0.25	1	04/10/2024 13:16
3 & 4-Methylphenol (m,p-Cresol)	ND		0.14	0.25	1	04/10/2024 13:16
Naphthalene	ND		0.00042	0.0025	1	04/10/2024 13:16
2-Nitroaniline	ND		0.59	1.2	1	04/10/2024 13:16
3-Nitroaniline	ND		0.73	1.2	1	04/10/2024 13:16
4-Nitroaniline	ND		0.64	1.2	1	04/10/2024 13:16
Nitrobenzene	ND		0.14	0.25	1	04/10/2024 13:16
2-Nitrophenol	ND		0.63	1.2	1	04/10/2024 13:16
4-Nitrophenol	ND		0.70	1.2	1	04/10/2024 13:16
N-Nitrosodimethylamine	ND		0.61	1.2	1	04/10/2024 13:16
N-Nitrosodiphenylamine	ND		0.11	0.25	1	04/10/2024 13:16
N-Nitrosodi-n-propylamine	ND		0.14	0.25	1	04/10/2024 13:16
Pentachlorophenol	ND		0.032	0.062	1	04/10/2024 13:16
Phenanthrene	**0.019**		0.0010	0.0013	1	04/10/2024 13:16
Phenol	ND		0.0032	0.010	1	04/10/2024 13:16
Pyrene	**0.057**		0.00065	0.0013	1	04/10/2024 13:16
Pyridine	ND		0.094	0.25	1	04/10/2024 13:16
1,2,4-Trichlorobenzene	ND		0.13	0.25	1	04/10/2024 13:16
2,3,4,6-Tetrachlorophenol	ND		0.15	0.25	1	04/10/2024 13:16

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B/3640A
Date Prepared:	04/09/2024	**Analytical Method:**	SW8270E
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/Kg

Semi-Volatile Organics (Low Level) with GPC Cleanup

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB5/6/7/8-0.5	2404449-002A	Soil	04/04/2024 11:43	GC47 04102409.D	291247

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,4,5-Trichlorophenol	ND		0.00067	0.0025	1	04/10/2024 13:16
2,4,6-Trichlorophenol	ND		0.00062	0.0025	1	04/10/2024 13:16

Surrogates	REC (%)	Limits	
2-Fluorophenol	77	60-130	04/10/2024 13:16
Phenol-d5	72	60-130	04/10/2024 13:16
Nitrobenzene-d5	79	60-130	04/10/2024 13:16
2-Fluorobiphenyl	75	60-130	04/10/2024 13:16
2,4,6-Tribromophenol	67	50-130	04/10/2024 13:16
4-Terphenyl-d14	79	50-130	04/10/2024 13:16

Analyst(s): MV Analytical Comments: h5

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3050B
Date Prepared:	04/08/2024-04/09/2024	**Analytical Method:**	SW6020
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2404449-001A	Soil	04/04/2024 12:10	ICP-MS6 157SMPL.d	291230

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Antimony	**0.40**	J	0.10	0.50	1	04/09/2024 23:23
Arsenic	**4.0**		0.084	0.50	1	04/09/2024 23:23
Barium	**160**		0.73	5.0	1	04/09/2024 23:23
Beryllium	**0.41**	J	0.086	0.50	1	04/09/2024 23:23
Cadmium	**0.30**	J	0.080	0.50	1	04/09/2024 23:23
Chromium	**54**		0.17	0.50	1	04/09/2024 23:23
Cobalt	**13**		0.063	0.50	1	04/09/2024 23:23
Copper	**39**		0.19	0.50	1	04/09/2024 23:23
Lead	**22**		0.089	0.50	1	04/09/2024 23:23
Mercury	**0.053**		0.039	0.050	1	04/09/2024 23:23
Molybdenum	**0.52**		0.093	0.50	1	04/09/2024 23:23
Nickel	**42**		0.28	0.50	1	04/09/2024 23:23
Selenium	ND		0.21	0.50	1	04/09/2024 23:23
Silver	**0.12**	J	0.084	0.50	1	04/09/2024 23:23
Thallium	**0.081**	J	0.073	0.50	1	04/09/2024 23:23
Vanadium	**71**		0.097	0.50	1	04/09/2024 23:23
Zinc	**95**		1.8	5.0	1	04/09/2024 23:23

Surrogates	REC (%)	Limits	
Terbium	116	70-130	04/09/2024 23:23

Analyst(s): AL

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3050B
Date Prepared:	04/08/2024-04/09/2024	**Analytical Method:**	SW6020
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB5/6/7/8-0.5	2404449-002A	Soil	04/04/2024 11:43	ICP-MS4 104SMPL.d	291169

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Antimony	**0.35**	J	0.10	0.50	1	04/09/2024 10:13
Arsenic	**3.6**		0.084	0.50	1	04/09/2024 10:13
Barium	**140**		0.73	5.0	1	04/09/2024 10:13
Beryllium	**0.48**	J	0.086	0.50	1	04/09/2024 10:13
Cadmium	**0.21**	J	0.080	0.50	1	04/09/2024 10:13
Chromium	**64**		0.17	0.50	1	04/09/2024 10:13
Cobalt	**13**		0.063	0.50	1	04/09/2024 10:13
Copper	**33**		0.19	0.50	1	04/09/2024 10:13
Lead	**16**		0.089	0.50	1	04/09/2024 10:13
Mercury	**0.12**		0.039	0.050	1	04/09/2024 10:13
Molybdenum	**0.58**		0.093	0.50	1	04/09/2024 10:13
Nickel	**42**		0.28	0.50	1	04/09/2024 10:13
Selenium	ND		0.21	0.50	1	04/09/2024 10:13
Silver	**0.096**	J	0.084	0.50	1	04/09/2024 10:13
Thallium	**0.086**	J	0.073	0.50	1	04/09/2024 10:13
Vanadium	**78**		0.097	0.50	1	04/09/2024 10:13
Zinc	**74**		1.8	5.0	1	04/09/2024 10:13

Surrogates	REC (%)	Limits	
Terbium	100	70-130	04/09/2024 10:13

Analyst(s): WV

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW5035
Date Prepared:	04/08/2024	**Analytical Method:**	SW8021B/8015Bm
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/Kg

Gasoline Range (C6-C12) Volatile Hydrocarbons as Gasoline with BTEX and MTBE

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	**2404449-001A**	**Soil**	**04/04/2024 12:10**	**GC19 04102409.D**	**291168**

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**8.5**	0.48	1.0	1	04/10/2024 12:28
MTBE	**---**	0.0025	0.050	1	04/10/2024 12:28
Benzene	**---**	0.0014	0.0050	1	04/10/2024 12:28
Toluene	**---**	0.0021	0.0050	1	04/10/2024 12:28
Ethylbenzene	**---**	0.00093	0.0050	1	04/10/2024 12:28
m,p-Xylene	**---**	0.0024	0.010	1	04/10/2024 12:28
o-Xylene	**---**	0.00090	0.0050	1	04/10/2024 12:28
Xylenes	ND	NA	0.0050	1	04/10/2024 12:28

Surrogates	REC (%)	Limits	
2-Fluorotoluene	77	62-126	04/10/2024 12:28

Analyst(s): IA Analytical Comments: d9

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB5/6/7/8-0.5	**2404449-002A**	**Soil**	**04/04/2024 11:43**	**GC19 04102411.D**	**291168**

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	ND		0.48	1.0	1	04/10/2024 13:30
MTBE	**---**		0.0025	0.050	1	04/10/2024 13:30
Benzene	**---**		0.0014	0.0050	1	04/10/2024 13:30
Toluene	**---**		0.0021	0.0050	1	04/10/2024 13:30
Ethylbenzene	**---**		0.00093	0.0050	1	04/10/2024 13:30
m,p-Xylene	**---**		0.0024	0.010	1	04/10/2024 13:30
o-Xylene	**---**		0.00090	0.0050	1	04/10/2024 13:30
Xylenes	**0.00096**	J	NA	0.0050	1	04/10/2024 13:30

Surrogates	REC (%)	Limits	
2-Fluorotoluene	78	62-126	04/10/2024 13:30

Analyst(s): IA

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	SW3550B
Date Prepared:	04/08/2024-04/10/2024	**Analytical Method:**	SW8015B
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/Kg

Total Extractable Petroleum Hydrocarbons w/out SG Clean-Up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2404449-001A	Soil	04/04/2024 12:10	GC6A 04102422.D	291399

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**8.1**		1.1	2.0	1	04/10/2024 16:30
TPH-Motor Oil (C18-C36)	**9.4**	J	4.3	10	1	04/10/2024 16:30

Surrogates	REC (%)	Limits	
C9	112	70-130	04/10/2024 16:30

Analyst(s): JNG Analytical Comments: e6,e2

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB5/6/7/8-0.5	2404449-002A	Soil	04/04/2024 11:43	GC31A 04092430.D	291167

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	ND		1.1	2.0	1	04/09/2024 19:13
TPH-Motor Oil (C18-C36)	**6.8**	J	4.3	10	1	04/09/2024 19:13

Surrogates	REC (%)	Limits	
C9	105	70-130	04/09/2024 19:13

Analyst(s): JNG

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/08/2024	**BatchID:**	291197
Date Analyzed:	04/10/2024	**Extraction Method:**	SW3550B
Instrument:	GC23, GC40	**Analytical Method:**	SW8082A
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291197 2404449-001AMS/MSD

QC Summary Report for SW8082A

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aroclor1016	ND	0.032	0.050	-	-	-
Aroclor1221	ND	0.032	0.050	-	-	-
Aroclor1232	ND	0.032	0.050	-	-	-
Aroclor1242	ND	0.032	0.050	-	-	-
Aroclor1248	ND	0.032	0.050	-	-	-
Aroclor1254	ND	0.032	0.050	-	-	-
Aroclor1260	ND	0.032	0.050	-	-	-
Surrogate Recovery						
Decachlorobiphenyl	0.056			0.05	113	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aroclor1016	0.16	0.16	0.15	107	106	70-130	0.988	20
Aroclor1260	0.16	0.16	0.15	105	105	70-130	0.685	20
Surrogate Recovery								
Decachlorobiphenyl	0.056	0.057	0.050	112	114	70-130	1.43	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Aroclor1016	1	0.17	0.18	0.15	ND	116	119	60-130	2.56	20
Aroclor1260	1	0.50	0.53	0.15	ND	334,F1	350,F1	60-130	4.87	20
Surrogate Recovery										
Decachlorobiphenyl	1	0.049	0.050	0.050		97	101	60-130	3.58	20

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/08/2024	**BatchID:**	291160
Date Analyzed:	04/08/2024 - 04/09/2024	**Extraction Method:**	SW5030B
Instrument:	GC38, GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291160

QC Summary Report for SW8260D

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acetone	ND	0.12	0.20	-	-	-
tert-Amyl methyl ether (TAME)	ND	0.0012	0.0050	-	-	-
Benzene	ND	0.00095	0.0050	-	-	-
Bromobenzene	ND	0.0012	0.0050	-	-	-
Bromochloromethane	ND	0.0011	0.0050	-	-	-
Bromodichloromethane	ND	0.00023	0.0050	-	-	-
Bromoform	ND	0.0038	0.0050	-	-	-
Bromomethane	ND	0.0018	0.0050	-	-	-
2-Butanone (MEK)	ND	0.040	0.10	-	-	-
t-Butyl alcohol (TBA)	ND	0.024	0.050	-	-	-
n-Butyl benzene	ND	0.0016	0.0050	-	-	-
sec-Butyl benzene	ND	0.0018	0.0050	-	-	-
tert-Butyl benzene	ND	0.0021	0.0050	-	-	-
Carbon Disulfide	ND	0.0011	0.0050	-	-	-
Carbon Tetrachloride	ND	0.00017	0.0050	-	-	-
Chlorobenzene	ND	0.0012	0.0050	-	-	-
Chloroethane	ND	0.0017	0.0050	-	-	-
Chloroform	ND	0.00032	0.0050	-	-	-
Chloromethane	ND	0.0017	0.0050	-	-	-
2-Chlorotoluene	ND	0.0016	0.0050	-	-	-
4-Chlorotoluene	ND	0.0013	0.0050	-	-	-
Dibromochloromethane	ND	0.00040	0.0050	-	-	-
1,2-Dibromo-3-chloropropane	ND	0.00048	0.00050	-	-	-
1,2-Dibromoethane (EDB)	ND	0.00013	0.00025	-	-	-
Dibromomethane	ND	0.0012	0.0050	-	-	-
1,2-Dichlorobenzene	ND	0.0017	0.0050	-	-	-
1,3-Dichlorobenzene	ND	0.0015	0.0050	-	-	-
1,4-Dichlorobenzene	ND	0.0015	0.0050	-	-	-
Dichlorodifluoromethane	ND	0.00063	0.0050	-	-	-
1,1-Dichloroethane	ND	0.0015	0.0050	-	-	-
1,2-Dichloroethane (1,2-DCA)	ND	0.000070	0.00010	-	-	-
1,1-Dichloroethene	ND	0.00011	0.0050	-	-	-
cis-1,2-Dichloroethene	ND	0.0012	0.0050	-	-	-
trans-1,2-Dichloroethene	ND	0.0012	0.0050	-	-	-
1,2-Dichloropropane	ND	0.0013	0.0050	-	-	-
1,3-Dichloropropane	ND	0.00088	0.0050	-	-	-
2,2-Dichloropropane	ND	0.0019	0.0050	-	-	-
1,1-Dichloropropene	ND	0.0018	0.0050	-	-	-

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/08/2024	**BatchID:**	291160
Date Analyzed:	04/08/2024 - 04/09/2024	**Extraction Method:**	SW5030B
Instrument:	GC38, GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291160

QC Summary Report for SW8260D

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
cis-1,3-Dichloropropene	ND	0.00098	0.0050	-	-	-
trans-1,3-Dichloropropene	ND	0.00097	0.0050	-	-	-
Diisopropyl ether (DIPE)	ND	0.0018	0.0050	-	-	-
Ethylbenzene	ND	0.0011	0.0050	-	-	-
Ethyl tert-butyl ether (ETBE)	ND	0.0014	0.0050	-	-	-
Freon 113	ND	0.0011	0.0050	-	-	-
Hexachlorobutadiene	ND	0.0012	0.0050	-	-	-
Hexachloroethane	ND	0.00064	0.0050	-	-	-
2-Hexanone	ND	0.0027	0.0050	-	-	-
Isopropylbenzene	ND	0.0018	0.0050	-	-	-
4-Isopropyl toluene	ND	0.0019	0.0050	-	-	-
Methyl-t-butyl ether (MTBE)	ND	0.0015	0.0050	-	-	-
Methylene chloride	ND	0.012	0.020	-	-	-
4-Methyl-2-pentanone (MIBK)	ND	0.0017	0.0050	-	-	-
Naphthalene	ND	0.0030	0.0050	-	-	-
n-Propyl benzene	ND	0.0019	0.0050	-	-	-
Styrene	ND	0.0014	0.0050	-	-	-
1,1,1,2-Tetrachloroethane	ND	0.0013	0.0050	-	-	-
1,1,2,2-Tetrachloroethane	ND	0.00044	0.0050	-	-	-
Tetrachloroethene	ND	0.00029	0.0050	-	-	-
Toluene	ND	0.0016	0.0050	-	-	-
1,2,3-Trichlorobenzene	ND	0.0021	0.0050	-	-	-
1,2,4-Trichlorobenzene	ND	0.0016	0.0050	-	-	-
1,1,1-Trichloroethane	ND	0.0016	0.0050	-	-	-
1,1,2-Trichloroethane	ND	0.0012	0.0050	-	-	-
Trichloroethene	ND	0.0014	0.0050	-	-	-
Trichlorofluoromethane	ND	0.0013	0.0050	-	-	-
1,2,3-Trichloropropane	ND	0.00017	0.00025	-	-	-
1,2,4-Trimethylbenzene	ND	0.0016	0.0050	-	-	-
1,3,5-Trimethylbenzene	ND	0.0017	0.0050	-	-	-
Vinyl Chloride	ND	0.00012	0.00025	-	-	-
m,p-Xylene	ND	0.0026	0.0050	-	-	-
o-Xylene	ND	0.0014	0.0050	-	-	-

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/08/2024	**BatchID:**	291160
Date Analyzed:	04/08/2024 - 04/09/2024	**Extraction Method:**	SW5030B
Instrument:	GC38, GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291160

QC Summary Report for SW8260D

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.12			0.125	100	70-140
Toluene-d8	0.13			0.125	105	70-140
4-BFB	0.013			0.0125	103	70-140
Benzene-d6	0.12			0.1	119	70-140
Ethylbenzene-d10	0.12			0.1	122	70-140
1,2-DCB-d4	0.089			0.1	89	70-140

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/08/2024	**BatchID:**	291160
Date Analyzed:	04/08/2024 - 04/09/2024	**Extraction Method:**	SW5030B
Instrument:	GC38, GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291160

QC Summary Report for SW8260D

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.25	0.25	0.20	123	127	60-140	3.25	30
tert-Amyl methyl ether (TAME)	0.017	0.018	0.020	87	89	50-140	2.32	30
Benzene	0.018	0.018	0.020	89	92	60-140	3.52	30
Bromobenzene	0.019	0.020	0.020	94	100	60-140	5.71	30
Bromochloromethane	0.020	0.021	0.020	100	103	60-140	3.29	30
Bromodichloromethane	0.018	0.019	0.020	92	95	60-140	3.52	30
Bromoform	0.015	0.015	0.020	74	76	40-140	1.92	30
Bromomethane	0.018	0.019	0.020	91	94	30-140	2.63	30
2-Butanone (MEK)	0.071	0.075	0.080	89	94	50-140	5.58	30
t-Butyl alcohol (TBA)	0.088	0.088	0.080	110	110	50-140	0.147	30
n-Butyl benzene	0.023	0.024	0.020	113	121	60-150	6.88	30
sec-Butyl benzene	0.020	0.022	0.020	101	111	60-150	9.59	30
tert-Butyl benzene	0.022	0.023	0.020	108	117	60-140	8.39	30
Carbon Disulfide	0.019	0.020	0.020	97	101	50-140	4.44	30
Carbon Tetrachloride	0.019	0.020	0.020	96	102	60-140	5.67	30
Chlorobenzene	0.018	0.019	0.020	89	93	60-140	4.45	30
Chloroethane	0.018	0.019	0.020	90	94	50-140	3.75	30
Chloroform	0.019	0.020	0.020	97	100	60-140	3.63	30
Chloromethane	0.015	0.016	0.020	77	78	20-140	1.93	30
2-Chlorotoluene	0.021	0.022	0.020	104	110	60-140	5.64	30
4-Chlorotoluene	0.020	0.021	0.020	102	105	60-140	3.44	30
Dibromochloromethane	0.016	0.017	0.020	80	83	50-140	4.25	30
1,2-Dibromo-3-chloropropane	0.0098	0.010	0.010	98	103	30-140	4.98	30
1,2-Dibromoethane (EDB)	0.011	0.011	0.010	105	112	40-140	6.05	30
Dibromomethane	0.019	0.020	0.020	95	100	60-140	5.16	30
1,2-Dichlorobenzene	0.016	0.016	0.020	79	82	60-140	3.48	30
1,3-Dichlorobenzene	0.019	0.020	0.020	94	101	60-140	6.71	30
1,4-Dichlorobenzene	0.018	0.019	0.020	92	97	60-140	6.12	30
Dichlorodifluoromethane	0.0076	0.0080	0.020	38	40	10-140	4.59	30
1,1-Dichloroethane	0.019	0.020	0.020	96	100	60-140	3.81	30
1,2-Dichloroethane (1,2-DCA)	0.020	0.020	0.020	98	101	60-140	2.69	30
1,1-Dichloroethene	0.020	0.021	0.020	99	104	60-140	4.33	30
cis-1,2-Dichloroethene	0.019	0.020	0.020	97	100	60-140	3.05	30
trans-1,2-Dichloroethene	0.020	0.021	0.020	99	103	60-140	3.26	30
1,2-Dichloropropane	0.018	0.019	0.020	92	95	60-140	3.42	30
1,3-Dichloropropane	0.018	0.019	0.020	91	93	60-140	3.11	30
2,2-Dichloropropane	0.021	0.022	0.020	107	112	60-140	4.84	30
1,1-Dichloropropene	0.020	0.021	0.020	99	104	60-140	5.35	30

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/08/2024	**BatchID:**	291160
Date Analyzed:	04/08/2024 - 04/09/2024	**Extraction Method:**	SW5030B
Instrument:	GC38, GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291160

QC Summary Report for SW8260D

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.017	0.018	0.020	87	90	60-140	3.70	30
trans-1,3-Dichloropropene	0.017	0.018	0.020	87	90	60-140	3.82	30
Diisopropyl ether (DIPE)	0.017	0.018	0.020	86	89	60-140	2.40	30
Ethylbenzene	0.020	0.020	0.020	98	103	60-140	4.50	30
Ethyl tert-butyl ether (ETBE)	0.018	0.018	0.020	88	91	60-140	3.38	30
Freon 113	0.017	0.018	0.020	84	90	50-140	6.82	30
Hexachlorobutadiene	0.016	0.018	0.020	80	91	60-140	12.2	30
Hexachloroethane	0.017	0.019	0.020	86	94	60-140	8.44	30
2-Hexanone	0.018	0.018	0.020	88	92	40-140	4.30	30
Isopropylbenzene	0.023	0.025	0.020	115	123	60-140	6.80	30
4-Isopropyl toluene	0.023	0.025	0.020	116	126	60-150	8.36	30
Methyl-t-butyl ether (MTBE)	0.019	0.019	0.020	94	96	50-140	1.91	30
Methylene chloride	0.024	0.025	0.020	119	123	60-140	2.76	30
4-Methyl-2-pentanone (MIBK)	0.016	0.017	0.020	81	83	50-140	2.30	30
Naphthalene	0.014	0.011	0.020	69	55	30-140	21.8	30
n-Propyl benzene	0.023	0.024	0.020	113	122	60-140	7.66	30
Styrene	0.017	0.018	0.020	86	90	60-140	4.90	30
1,1,1,2-Tetrachloroethane	0.018	0.018	0.020	88	91	60-140	3.79	30
1,1,2,2-Tetrachloroethane	0.017	0.018	0.020	87	91	40-140	4.92	30
Tetrachloroethene	0.019	0.020	0.020	97	102	60-140	5.60	30
Toluene	0.018	0.020	0.020	92	98	60-140	5.90	30
1,2,3-Trichlorobenzene	0.015	0.014	0.020	76	68	40-140	10.3	30
1,2,4-Trichlorobenzene	0.016	0.016	0.020	81	78	50-140	4.29	30
1,1,1-Trichloroethane	0.020	0.021	0.020	98	103	60-140	4.67	30
1,1,2-Trichloroethane	0.018	0.018	0.020	89	92	60-140	3.69	30
Trichloroethene	0.020	0.021	0.020	101	105	60-140	4.57	30
Trichlorofluoromethane	0.018	0.019	0.020	90	94	50-140	5.07	30
1,2,3-Trichloropropane	0.010	0.010	0.010	100	104	60-130	4.28	30
1,2,4-Trimethylbenzene	0.022	0.022	0.020	110	112	30-140	2.28	30
1,3,5-Trimethylbenzene	0.023	0.024	0.020	117	121	60-140	3.12	30
Vinyl Chloride	0.0084	0.0086	0.010	84	86	30-140	2.20	30
m,p-Xylene	0.038	0.040	0.040	94	99	60-140	5.17	30
o-Xylene	0.017	0.018	0.020	87	90	60-140	3.48	30

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/08/2024	**BatchID:**	291160
Date Analyzed:	04/08/2024 - 04/09/2024	**Extraction Method:**	SW5030B
Instrument:	GC38, GC49	**Analytical Method:**	SW8260D
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291160

QC Summary Report for SW8260D

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.12	0.12	0.12	99	99	70-140	0.300	30
Toluene-d8	0.13	0.13	0.12	103	105	70-140	1.63	30
4-BFB	0.013	0.013	0.012	106	107	70-140	1.44	30
Benzene-d6	0.10	0.11	0.10	104	108	70-140	3.96	30
Ethylbenzene-d10	0.11	0.11	0.10	107	113	70-140	5.34	30
1,2-DCB-d4	0.079	0.088	0.10	79	88	70-140	10.5	30

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/09/2024	**BatchID:**	291247
Date Analyzed:	04/09/2024	**Extraction Method:**	SW3550B/3640A
Instrument:	GC47	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291247

QC Summary Report for SW8270E (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Acenaphthene	ND	0.00044	0.0013	-	-	-
Acenaphthylene	ND	0.00023	0.0013	-	-	-
Acetochlor	ND	0.11	0.25	-	-	-
Anthracene	ND	0.00060	0.0013	-	-	-
Benzidine	ND	0.40	1.2	-	-	-
Benzo (a) anthracene	ND	0.0030	0.012	-	-	-
Benzo (a) pyrene	0.00096,J	0.00078	0.0013	-	-	-
Benzo (b) fluoranthene	ND	0.0011	0.0025	-	-	-
Benzo (g,h,i) perylene	0.00095,J	0.00086	0.0025	-	-	-
Benzo (k) fluoranthene	ND	0.0012	0.0025	-	-	-
Benzoic Acid	ND	0.62	1.2	-	-	-
Benzyl Alcohol	ND	0.73	1.2	-	-	-
1,1-Biphenyl	ND	0.0054	0.012	-	-	-
Bis (2-chloroethoxy) Methane	ND	0.13	0.25	-	-	-
Bis (2-chloroethyl) Ether	ND	0.00033	0.0013	-	-	-
Bis (2-chloroisopropyl) Ether	ND	0.0012	0.0025	-	-	-
Bis (2-ethylhexyl) Adipate	ND	0.18	0.25	-	-	-
Bis (2-ethylhexyl) Phthalate	ND	0.0079	0.062	-	-	-
4-Bromophenyl Phenyl Ether	ND	0.12	0.25	-	-	-
Butylbenzyl Phthalate	ND	0.0057	0.062	-	-	-
4-Chloro-3-methylphenol	ND	0.13	0.25	-	-	-
4-Chloroaniline	ND	0.00099	0.0013	-	-	-
2-Chloronaphthalene	ND	0.12	0.25	-	-	-
2-Chlorophenol	ND	0.0061	0.012	-	-	-
4-Chlorophenyl Phenyl Ether	ND	0.12	0.25	-	-	-
Chrysene	ND	0.00073	0.0013	-	-	-
Dibenzo (a,h) anthracene	0.0013,J	0.0013	0.0025	-	-	-
Dibenzofuran	ND	0.00032	0.0013	-	-	-
Di-n-butyl Phthalate	ND	0.0070	0.062	-	-	-
1,2-Dichlorobenzene	ND	0.14	0.25	-	-	-
1,3-Dichlorobenzene	ND	0.13	0.25	-	-	-
1,4-Dichlorobenzene	ND	0.12	0.25	-	-	-
3,3-Dichlorobenzidine	ND	0.00089	0.0013	-	-	-
2,4-Dichlorophenol	ND	0.0012	0.0025	-	-	-
Diethyl Phthalate	ND	0.0053	0.012	-	-	-
2,4-Dimethylphenol	ND	0.11	0.25	-	-	-
Dimethyl Phthalate	ND	0.0010	0.0025	-	-	-
4,6-Dinitro-2-methylphenol	ND	0.55	1.2	-	-	-

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/09/2024	**BatchID:**	291247
Date Analyzed:	04/09/2024	**Extraction Method:**	SW3550B/3640A
Instrument:	GC47	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291247

QC Summary Report for SW8270E (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
2,4-Dinitrophenol	ND	0.11	0.25	-	-	-
2,4-Dinitrotoluene	ND	0.00041	0.012	-	-	-
2,6-Dinitrotoluene	ND	0.0078	0.012	-	-	-
Di-n-octyl Phthalate	ND	0.31	0.62	-	-	-
1,2-Diphenylhydrazine	ND	0.11	0.25	-	-	-
Fluoranthene	ND	0.00073	0.0025	-	-	-
Fluorene	ND	0.00078	0.0025	-	-	-
Hexachlorobenzene	ND	0.00038	0.0013	-	-	-
Hexachlorobutadiene	ND	0.00028	0.0013	-	-	-
Hexachlorocyclopentadiene	ND	0.66	1.2	-	-	-
Hexachloroethane	ND	0.00062	0.0025	-	-	-
Indeno (1,2,3-cd) pyrene	ND	0.0014	0.0025	-	-	-
Isophorone	ND	0.055	0.25	-	-	-
1-Methylnaphthalene	ND	0.00035	0.0013	-	-	-
2-Methylnaphthalene	ND	0.00044	0.0013	-	-	-
2-Methylphenol (o-Cresol)	ND	0.15	0.25	-	-	-
3 & 4-Methylphenol (m,p-Cresol)	ND	0.14	0.25	-	-	-
Naphthalene	ND	0.00042	0.0025	-	-	-
2-Nitroaniline	ND	0.59	1.2	-	-	-
3-Nitroaniline	ND	0.73	1.2	-	-	-
4-Nitroaniline	ND	0.64	1.2	-	-	-
Nitrobenzene	ND	0.14	0.25	-	-	-
2-Nitrophenol	ND	0.63	1.2	-	-	-
4-Nitrophenol	ND	0.70	1.2	-	-	-
N-Nitrosodimethylamine	ND	0.61	1.2	-	-	-
N-Nitrosodi-n-propylamine	ND	0.14	0.25	-	-	-
N-Nitrosodiphenylamine	ND	0.11	0.25	-	-	-
Pentachlorophenol	ND	0.032	0.062	-	-	-
Phenanthrene	ND	0.0010	0.0013	-	-	-
Phenol	ND	0.0032	0.010	-	-	-
Pyrene	ND	0.00065	0.0013	-	-	-
Pyridine	ND	0.094	0.25	-	-	-
2,3,4,6-Tetrachlorophenol	ND	0.15	0.25	-	-	-
1,2,4-Trichlorobenzene	ND	0.13	0.25	-	-	-
2,4,5-Trichlorophenol	ND	0.00067	0.0025	-	-	-
2,4,6-Trichlorophenol	ND	0.00062	0.0025	-	-	-

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/09/2024	**BatchID:**	291247
Date Analyzed:	04/09/2024	**Extraction Method:**	SW3550B/3640A
Instrument:	GC47	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291247

QC Summary Report for SW8270E (Low Level) w/ GPC

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
2-Fluorophenol	1.1			1.25	87	60-130
Phenol-d5	1.0			1.25	81	60-130
Nitrobenzene-d5	1.0			1.25	82	60-130
2-Fluorobiphenyl	1.1			1.25	85	60-130
2,4,6-Tribromophenol	0.75			1.25	60	50-130
4-Terphenyl-d14	1.1			1.25	85	50-130

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/09/2024	**BatchID:**	291247
Date Analyzed:	04/09/2024	**Extraction Method:**	SW3550B/3640A
Instrument:	GC47	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291247

QC Summary Report for SW8270E (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acenaphthene	0.052	0.066	0.062	83	106	60-130	24.7	30
Acenaphthylene	0.050	0.065	0.062	80	104	60-130	26.4	30
Acetochlor	1.1	1.4	1.25	91	110	60-130	18.7	30
Anthracene	0.055	0.065	0.062	88	104	60-130	17.0	30
Benzidine	1.4	1.7	6.25	23,F5	28,F5	30-130	18.9	30
Benzo (a) anthracene	0.054	0.067	0.062	87	107	60-130	20.7	30
Benzo (a) pyrene	0.049	0.061	0.062	79	97	60-130	20.8	30
Benzo (b) fluoranthene	0.047	0.053	0.062	76	84	40-130	10.8	30
Benzo (g,h,i) perylene	0.049	0.059	0.062	78	95	60-130	19.8	30
Benzo (k) fluoranthene	0.057	0.075	0.062	92	120	60-130	26.1	30
Benzoic Acid	6.4	7.6	6.25	103	121	15-130	16.8	30
Benzyl Alcohol	4.9	5.5	6.25	78	89	60-130	12.9	30
1,1-Biphenyl	0.056	0.073	0.062	90	116	60-130	25.6	30
Bis (2-chloroethoxy) Methane	1.1	1.3	1.25	92	105	60-130	13.0	30
Bis (2-chloroethyl) Ether	0.049	0.056	0.062	78	89	60-130	13.1	30
Bis (2-chloroisopropyl) Ether	0.052	0.055	0.062	83	88	60-130	6.85	30
Bis (2-ethylhexyl) Adipate	1.2	1.4	1.25	94	111	40-130	16.3	30
Bis (2-ethylhexyl) Phthalate	0.050	0.062	0.062	81	100	60-130	21.1	30
4-Bromophenyl Phenyl Ether	1.2	1.4	1.25	96	113	60-130	16.2	30
Butylbenzyl Phthalate	0.061	0.075	0.062	97	120	60-130	20.8	30
4-Chloro-3-methylphenol	1.2	1.4	1.25	99	113	60-130	14.1	30
4-Chloroaniline	0.029	0.035	0.062	46	56	40-130	19.0	30
2-Chloronaphthalene	1.2	1.5	1.25	95	121	60-130	23.8	30
2-Chlorophenol	0.054	0.064	0.062	86	103	60-130	18.2	30
4-Chlorophenyl Phenyl Ether	1.2	1.5	1.25	93	117	60-130	23.4	30
Chrysene	0.058	0.066	0.062	93	106	60-130	12.9	30
Dibenzo (a,h) anthracene	0.048	0.061	0.062	76	98	60-130	24.7	30
Dibenzofuran	0.056	0.070	0.062	89	112	60-130	23.2	30
Di-n-butyl Phthalate	0.051	0.061	0.062	82	98	60-130	18.5	30
1,2-Dichlorobenzene	1.1	1.2	1.25	84	96	60-130	13.4	30
1,3-Dichlorobenzene	1.0	1.2	1.25	83	93	60-130	11.2	30
1,4-Dichlorobenzene	1.0	1.2	1.25	82	93	60-130	12.4	30
3,3-Dichlorobenzidine	0.038	0.046	0.062	60	74	40-130	20.1	30
2,4-Dichlorophenol	0.065	0.076	0.062	104	122	60-130	16.0	30
Diethyl Phthalate	0.053	0.067	0.062	85	108	60-130	23.7	30
2,4-Dimethylphenol	1.2	1.4	1.25	99	112	60-130	12.8	30
Dimethyl Phthalate	0.052	0.067	0.062	82	107	60-130	25.7	30
4,6-Dinitro-2-methylphenol	5.8	7.1	6.25	94	114	30-130	19.7	30

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/09/2024	**BatchID:**	291247
Date Analyzed:	04/09/2024	**Extraction Method:**	SW3550B/3640A
Instrument:	GC47	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291247

QC Summary Report for SW8270E (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
2,4-Dinitrophenol	1.1	1.4	1.25	87	116	15-130	28.8	30
2,4-Dinitrotoluene	0.060	0.075	0.062	96	120	60-130	22.2	30
2,6-Dinitrotoluene	0.054	0.071	0.062	87	114	60-130	27.0	30
Di-n-octyl Phthalate	1.0	1.3	1.25	83	104	60-130	22.5	30
1,2-Diphenylhydrazine	1.1	1.3	1.25	88	105	60-130	17.5	30
Fluoranthene	0.055	0.066	0.062	89	105	60-130	16.9	30
Fluorene	0.069	0.087	0.062	110	140,F5	60-130	23.6	30
Hexachlorobenzene	0.053	0.063	0.062	86	101	60-130	16.9	30
Hexachlorobutadiene	0.058	0.067	0.062	93	108	60-130	14.7	30
Hexachlorocyclopentadiene	5.3	7.1	6.25	85	114	40-130	29.4	30
Hexachloroethane	0.049	0.056	0.062	78	89	60-130	13.5	30
Indeno (1,2,3-cd) pyrene	0.049	0.060	0.062	78	95	60-130	20.4	30
Isophorone	0.96	1.2	1.25	77	94	60-130	19.9	30
1-Methylnaphthalene	0.056	0.065	0.062	90	104	60-130	14.1	30
2-Methylnaphthalene	0.057	0.066	0.062	92	106	60-130	14.6	30
2-Methylphenol (o-Cresol)	1.1	1.3	1.25	88	106	60-130	18.0	30
3 & 4-Methylphenol (m,p-Cresol)	1.1	1.3	1.25	89	102	60-130	13.7	30
Naphthalene	0.058	0.067	0.062	93	107	60-130	14.1	30
2-Nitroaniline	6.0	7.7	6.25	96	123	60-130	24.3	30
3-Nitroaniline	3.5	4.4	6.25	56	70	30-130	21.7	30
4-Nitroaniline	5.6	6.9	6.25	89	111	60-130	21.3	30
Nitrobenzene	1.2	1.4	1.25	96	112	60-130	15.4	30
2-Nitrophenol	6.2	7.3	6.25	100	117	60-130	16.1	30
4-Nitrophenol	6.3	7.9	6.25	100	126	60-130	23.1	30
N-Nitrosodimethylamine	4.9	5.5	6.25	78	88	60-130	12.8	30
N-Nitrosodi-n-propylamine	0.92	1.0	1.25	73	82	60-130	11.8	30
N-Nitrosodiphenylamine	1.2	1.4	1.25	92	110	60-130	17.5	30
Pentachlorophenol	0.31	0.37	0.31	99	119	40-130	17.5	30
Phenanthrene	0.054	0.062	0.062	86	100	60-130	15.2	30
Phenol	0.22	0.25	0.25	87	100	60-130	13.4	30
Pyrene	0.059	0.071	0.062	95	114	60-130	18.5	30
Pyridine	0.69	0.78	1.25	55	62	30-130	11.9	30
2,3,4,6-Tetrachlorophenol	1.3	1.7	1.25	106	135,F5	60-130	24.0	30
1,2,4-Trichlorobenzene	1.2	1.4	1.25	96	111	60-130	14.5	30
2,4,5-Trichlorophenol	0.056	0.076	0.062	90	122	60-130	30.0	30
2,4,6-Trichlorophenol	0.056	0.074	0.062	90	119	60-130	27.5	30

(Cont.)

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/09/2024	**BatchID:**	291247
Date Analyzed:	04/09/2024	**Extraction Method:**	SW3550B/3640A
Instrument:	GC47	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291247

QC Summary Report for SW8270E (Low Level) w/ GPC

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
2-Fluorophenol	1.1	1.3	1.25	91	106	60-130	15.0	30
Phenol-d5	1.1	1.3	1.25	88	102	60-130	15.3	30
Nitrobenzene-d5	1.2	1.5	1.25	97	116	60-130	17.7	30
2-Fluorobiphenyl	1.2	1.5	1.25	93	118	60-130	24.4	30
2,4,6-Tribromophenol	1.1	1.3	1.25	86	101	50-130	16.7	30
4-Terphenyl-d14	1.2	1.5	1.25	99	119	50-130	18.3	30

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/08/2024	**BatchID:**	291169
Date Analyzed:	04/09/2024	**Extraction Method:**	SW3050B
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291169 2404449-002AMS/MSD

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.10	0.50	-	-	-
Arsenic	ND	0.084	0.50	-	-	-
Barium	ND	0.73	5.0	-	-	-
Beryllium	ND	0.086	0.50	-	-	-
Cadmium	ND	0.080	0.50	-	-	-
Chromium	ND	0.17	0.50	-	-	-
Cobalt	ND	0.063	0.50	-	-	-
Copper	ND	0.19	0.50	-	-	-
Lead	ND	0.089	0.50	-	-	-
Mercury	ND	0.039	0.050	-	-	-
Molybdenum	ND	0.093	0.50	-	-	-
Nickel	ND	0.28	0.50	-	-	-
Selenium	ND	0.21	0.50	-	-	-
Silver	ND	0.084	0.50	-	-	-
Thallium	ND	0.073	0.50	-	-	-
Vanadium	ND	0.097	0.50	-	-	-
Zinc	ND	1.8	5.0	-	-	-
Surrogate Recovery						
Terbium	520			500	103	70-130

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/08/2024	**BatchID:**	291169
Date Analyzed:	04/09/2024	**Extraction Method:**	SW3050B
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291169 2404449-002AMS/MSD

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	47	48	50	95	96	75-125	1.89	20
Arsenic	49	50	50	97	100	75-125	2.37	20
Barium	480	490	500	96	97	75-125	1.66	20
Beryllium	49	50	50	97	99	75-125	2.23	20
Cadmium	48	49	50	96	98	75-125	2.58	20
Chromium	49	49	50	97	98	75-125	0.955	20
Cobalt	48	49	50	96	97	75-125	1.76	20
Copper	49	50	50	97	100	75-125	2.68	20
Lead	48	49	50	95	98	75-125	2.67	20
Mercury	1.2	1.2	1.25	97	98	75-125	1.48	20
Molybdenum	47	48	50	95	96	75-125	0.974	20
Nickel	49	50	50	98	100	75-125	2.11	20
Selenium	48	49	50	96	98	75-125	2.20	20
Silver	47	47	50	94	94	75-125	0.682	20
Thallium	47	49	50	95	98	75-125	2.91	20
Vanadium	49	49	50	98	99	75-125	1.02	20
Zinc	490	490	500	98	99	75-125	1.01	20
Surrogate Recovery								
Terbium	510	520	500	103	104	70-130	1.08	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Antimony	1	49	50	50	ND	97	99	75-125	2.26	20
Arsenic	1	52	52	50	3.645	98	97	75-125	0.386	20
Barium	1	680	660	500	136.5	108	104	75-125	3.00	20
Beryllium	1	48	50	50	ND	94	98	75-125	4.03	20
Cadmium	1	51	51	50	ND	101	102	75-125	0.762	20
Chromium	1	130	110	50	64.15	125	95	75-125	12.5	20
Cobalt	1	60	60	50	12.50	94	95	75-125	0.286	20
Copper	1	87	82	50	32.60	109	98	75-125	6.76	20
Lead	1	70	68	50	15.98	109	103	75-125	3.93	20
Mercury	1	1.4	1.4	1.25	0.1210	101	100	75-125	0.653	20
Molybdenum	1	48	50	50	0.5840	96	100	75-125	4.03	20
Nickel	1	100	95	50	41.79	121	106	75-125	7.63	20
Selenium	1	48	48	50	ND	96	97	75-125	0.435	20
Silver	1	48	50	50	ND	96	100	75-125	3.88	20

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/08/2024	**BatchID:**	291169
Date Analyzed:	04/09/2024	**Extraction Method:**	SW3050B
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291169 2404449-002AMS/MSD

QC Summary Report for Metals

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Thallium	1	50	51	50	ND	99	102	75-125	3.04	20
Vanadium	1	140	130	50	77.88	127,F10	106	75-125	7.60	20
Zinc	1	590	590	500	73.72	103	103	75-125	0.261	20
Surrogate Recovery										
Terbium	1	520	540	500		105	107	70-130	2.05	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Antimony	ND	ND	100	-
Arsenic	4.0	3.6	8.64	-
Barium	130	140	6.22	20
Beryllium	ND	ND	4.56	-
Cadmium	ND	ND	100	-
Chromium	64	64	0.758	20
Cobalt	13	13	0.296	20
Copper	32	33	3.24	20
Lead	15	16	5.86	20
Mercury	ND	0.12	100	-
Molybdenum	ND	0.58	17.3	-
Nickel	40	42	3.20	20
Selenium	ND	ND		-
Silver	ND	ND	100	-
Thallium	ND	ND	100	-
Vanadium	77	78	1.71	20
Zinc	70	74	4.43	-

%D Control Limit applied to analytes with concentrations greater than 25 times the reporting limits.

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/09/2024	**BatchID:**	291230
Date Analyzed:	04/09/2024	**Extraction Method:**	SW3050B
Instrument:	ICP-MS6	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291230

QC Summary Report for Metals

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Antimony	ND	0.10	0.50	-	-	-
Arsenic	ND	0.084	0.50	-	-	-
Barium	ND	0.73	5.0	-	-	-
Beryllium	ND	0.086	0.50	-	-	-
Cadmium	ND	0.080	0.50	-	-	-
Chromium	ND	0.17	0.50	-	-	-
Cobalt	ND	0.063	0.50	-	-	-
Copper	ND	0.19	0.50	-	-	-
Lead	ND	0.089	0.50	-	-	-
Mercury	ND	0.039	0.050	-	-	-
Molybdenum	ND	0.093	0.50	-	-	-
Nickel	ND	0.28	0.50	-	-	-
Selenium	ND	0.21	0.50	-	-	-
Silver	ND	0.084	0.50	-	-	-
Thallium	ND	0.073	0.50	-	-	-
Vanadium	ND	0.097	0.50	-	-	-
Zinc	ND	1.8	5.0	-	-	-
Surrogate Recovery						
Terbium	530			500	106	70-130

(Cont.)

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/09/2024	**BatchID:**	291230
Date Analyzed:	04/09/2024	**Extraction Method:**	SW3050B
Instrument:	ICP-MS6	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291230

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	50	50	50	101	100	75-125	0.400	20
Arsenic	49	49	50	97	98	75-125	1.23	20
Barium	490	490	500	97	98	75-125	0.356	20
Beryllium	50	49	50	100	98	75-125	1.64	20
Cadmium	49	49	50	98	98	75-125	0.124	20
Chromium	50	51	50	100	101	75-125	0.938	20
Cobalt	50	50	50	99	100	75-125	0.173	20
Copper	50	51	50	100	101	75-125	1.03	20
Lead	52	51	50	103	103	75-125	0.272	20
Mercury	1.2	1.2	1.25	97	98	75-125	1.15	20
Molybdenum	48	48	50	97	96	75-125	0.579	20
Nickel	50	50	50	99	100	75-125	1.46	20
Selenium	51	50	50	101	100	75-125	1.55	20
Silver	50	50	50	100	100	75-125	0.503	20
Thallium	52	51	50	103	102	75-125	0.919	20
Vanadium	49	50	50	99	100	75-125	1.40	20
Zinc	500	500	500	100	100	75-125	0.0415	20
Surrogate Recovery								
Terbium	520	520	500	104	104	70-130	0.112	20

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/08/2024	**BatchID:**	291168
Date Analyzed:	04/09/2024	**Extraction Method:**	SW5035
Instrument:	GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291168

QC Summary Report for SW8021B/8015Bm

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH(g) (C6-C12)	ND	0.48	1.0	-	-	-
MTBE	ND	0.0025	0.050	-	-	-
Benzene	ND	0.0014	0.0050	-	-	-
Toluene	ND	0.0021	0.0050	-	-	-
Ethylbenzene	ND	0.00093	0.0050	-	-	-
m,p-Xylene	ND	0.0024	0.010	-	-	-
o-Xylene	ND	0.00090	0.0050	-	-	-
Surrogate Recovery						
2-Fluorotoluene	0.090			0.1	90	75-134

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.59	0.65	0.60	98	109	82-118	10.4	20
MTBE	0.085	0.075	0.10	85	75	61-119	12.1	20
Benzene	0.089	0.084	0.10	89	84	77-128	5.82	20
Toluene	0.090	0.086	0.10	90	86	74-132	4.88	20
Ethylbenzene	0.089	0.084	0.10	89	84	84-127	5.44	20
m,p-Xylene	0.18	0.18	0.20	91	88	80-120	4.38	20
o-Xylene	0.089	0.086	0.10	89	86	80-120	3.82	20
Surrogate Recovery								
2-Fluorotoluene	0.087	0.084	0.10	87	84	75-134	3.82	20

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/08/2024	**BatchID:**	291167
Date Analyzed:	04/08/2024	**Extraction Method:**	SW3550B
Instrument:	GC6A	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291167

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	1.1	2.0	-	-	-
TPH-Motor Oil (C18-C36)	ND	4.3	10	-	-	-
Surrogate Recovery						
C9	29			25	117	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	40	40	40	101	100	70-130	0.375	20
Surrogate Recovery								
C9	28	29	25	110	115	70-130	3.85	20

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/10/2024	**BatchID:**	291399
Date Analyzed:	04/11/2024	**Extraction Method:**	SW3550B
Instrument:	GC6B	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291399

QC Report for SW8015B w/out SG Clean-Up

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
TPH-Diesel (C10-C23)	ND	1.1	2.0	-	-	-
TPH-Motor Oil (C18-C36)	ND	4.3	10	-	-	-
Surrogate Recovery						
C9	24			25	98	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	33	34	40	84	84	70-130	0.352	20
Surrogate Recovery								
C9	28	27	25	112	109	70-130	3.03	20

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2404449 **ClientCode: ACCE**

☐ WaterTrax ☐ CLIP ☐ EDF ☑ EQuIS ☑ Dry-Weight ☑ Email ☐ HardCopy ☑ ThirdParty ☑ J-flag
☑ Detection Summary ☐ Excel

Report to:
Kim Bunting
ACC Environmental Consultants, Inc.
7977 Capwell Drive , Suite 100
Oakland, CA 94621
(510) 638-8400 FAX: (510) 638-8404

Email: kbunting@accenv.com; isutherland@accen
cc/3rd Party:
PO:
Project: 10260-001.01; 10033 Hillcrest Soils

Bill to:
Accounts Payable
ACC Environmental Consultants, Inc.
7977 Capwell Drive , Suite 100
Oakland, CA 94621
accenvap@bill.com

Requested TAT: **5 days;**

Date Received: **04/05/2024**
Date Logged: **04/08/2024**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2404449-001	ACCB1/2/3/4-0.5	Soil	4/4/2024 12:10	☐	A	A	A	A	A	A	A	A				
2404449-002	ACCB5/6/7/8-0.5	Soil	4/4/2024 11:43	☐	A	A	A	A	A	A	A	A				

Test Legend:

1	8082_PCB_ESL_S [J]	2	8260_S	3	8270_SCSM_GPC_S	4	CAM17MS_TTLC_S
5	G-MBTEX_S	6	PR4PTCOMP	7	PRDisposal Fee	8	TPH(DMO)_S
9		10		11		12	

Project Manager: Jennifer Lagerbom **Prepared by: Agustina Venegas**

The following SampIDs: 001A, 002A contain testgroup Multi Range_S.

Comments:

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

WORK ORDER SUMMARY

Client Name: ACC ENVIRONMENTAL CONSULTANTS, INC. **Project:** 10260-001.01; 10033 Hillcrest Soils **Work Order:** 2404449

Client Contact: Kim Bunting **QC Level:** LEVEL 2

Contact's Email: kbunting@accenv.com; isutherland@accenv.com **Comments:** **Date Logged:** 4/8/2024

☐ WaterTrax ☐ CLIP ☐ EDF ☐ Excel ■ EQuIS ☑ Email ☐ HardCopy ☑ ThirdParty ☑ J-flag

LabID	ClientSampID	Matrix	Test Name	Cont./ Comp.	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	ACCB1/2/3/4-0.5	Soil	Multi-Range TPH Gas, Diesel, and Motor Oil	4 / (4:1)	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 12:10	5 days	4/12/2024		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	4/12/2024		☐	☐
			SW8270E (Low Level SVOCs) with GPC Cleanup			☐	☐	☐		5 days	4/16/2024		☐	☐
			SW8260D (VOCs)			☐	☐	☐		5 days	4/12/2024		☐	☐
			SW8082A (PCBs Only)			☐	☐	☐		5 days	4/12/2024		☐	☐
002A	ACCB5/6/7/8-0.5	Soil	Multi-Range TPH Gas, Diesel, and Motor Oil	4 / (4:1)	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 11:43	5 days	4/12/2024		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	4/12/2024		☐	☐
			SW8270E (Low Level SVOCs) with GPC Cleanup			☐	☐	☐		5 days	4/16/2024		☐	☐
			SW8260D (VOCs)			☐	☐	☐		5 days	4/12/2024		☐	☐
			SW8082A (PCBs Only)			☐	☐	☐		5 days	4/12/2024		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont./Comp. = Containers /Composites

General COC

MAI Work Order # 2404449

McCAMPBELL ANALYTICAL, INC.

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CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush		2 Day Rush		3 Day Rush		STD	X	Quote #	
J-Flag / MDL	X	ESL	X	Cleanup Approved		Dry Weight		Bottle Order #	
Delivery Format:	PDF	X	GeoTracker EDF		EDD		Write On (DW)		Detect Summary

Report To: Kimberly Bunting | Bill To: ACC
Company: ACC Environmental
Address: 7977 Capwell Drive Suite 100
Email: Kbunting@accenv.com | Tele: 707-481-0795
Project Name: 10033 Hillcrest Soils | Project #: 10260-001.01
Project Location: 10033 Hillcrest rd, cupertino | PO #
Sampler Signature: [signature]

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative
ACCB1-0.5	4/4/24	10:42	1	Soil	Ice
ACCB2-0.5	↓	10:57	1	↓	↓
ACCB3-0.5	↓	11:58	1	↓	↓
ACCB4-0.5	↓	12:10	1	↓	↓
ACCB5-0.5	↓	11:06	1	↓	↓
ACCB6-0.5	↓	11:17	1	↓	↓
ACCB7-0.5	↓	11:26	1	↓	↓
ACCB8-0.5	↓	11:43	1	↓	↓

Analysis Requested

SAMPLE ID	Multi Range as Gas, Diesel, and Motor Oil (8021/8015)	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	~~EPA 505/608/8081 (Cl Pesticides)~~ *	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)*	Baylands Requirements	Lab to filter sample for dissolved metals analysis			
ACCB1-0.5	X							X	X	X	X		X						
ACCB2-0.5	X							X	X	X	X		X						
ACCB3-0.5	X							X	X	X	X		X						
ACCB4-0.5	X							X	X	X	X		X						
ACCB5-0.5	X							X	X	X	X		X						
ACCB6-0.5	X							X	X	X	X		X						
ACCB7-0.5	X							X	X	X	X		X						
ACCB8-0.5	X							X	X	X	X		X						

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

* If metals are requested for water samples and the water type (Matrix) is not specified on the chain of custody, MAI will default to metals by E200.8.

Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
			[signature] / MAI	4/15/24	1106
[signature] / MAI	4/15/24	1530	[signature] - MAI	4/15/24	1530

Comments / Instructions
2 4:1
Composites

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 4.1 °C Initials
WET

*CANCELLED PER EMAIL 4/8/24

page 1 of 1

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Sample Receipt Checklist

Client Name:	ACC Environmental Consultants, Inc.	Date and Time Received:	4/5/2024 15:30
Project:	10260-001.01; 10033 Hillcrest Soils	Date Logged:	4/8/2024
		Received by:	Agustina Venegas
WorkOrder №:	2404449 Matrix: Soil	Logged by:	Agustina Venegas
Carrier:	Antonio Mason (MAI Courier)		

Chain of Custody (COC) Information

Chain of custody present?	Yes	☑	No	☐	
Chain of custody signed when relinquished and received?	Yes	☐	No	☑	
Chain of custody agrees with sample labels?	Yes	☑	No	☐	
Sample IDs noted by Client on COC?	Yes	☑	No	☐	
Date and Time of collection noted by Client on COC?	Yes	☑	No	☐	
Sampler's name noted on COC?	Yes	☑	No	☐	
COC agrees with Quote?	Yes	☐	No	☐	NA ☑

Sample Receipt Information

Custody seals intact on shipping container/cooler?	Yes	☐	No	☐	NA ☑
Custody seals intact on sample bottles?	Yes	☐	No	☐	NA ☑
Shipping container/cooler in good condition?	Yes	☑	No	☐	
Samples in proper containers/bottles?	Yes	☑	No	☐	
Sample containers intact?	Yes	☑	No	☐	
Sufficient sample volume for indicated test?	Yes	☑	No	☐	

Sample Preservation and Hold Time (HT) Information

All samples received within holding time?	Yes	☑	No	☐	NA ☐
Samples Received on Ice?	Yes	☑	No	☐	
(Ice Type: WET ICE)					
Sample/Temp Blank temperature	Temp: 4.1°C				NA ☐
ZHS conditional analyses: VOA meets zero headspace requirement (VOCs, TPHg/BTEX, RSK)?	Yes	☐	No	☐	NA ☑
Sample labels checked for correct preservation?	Yes	☑	No	☐	
pH acceptable upon receipt (Metal: <2; Nitrate 353.2/4500NO3: <2; 522: <4; 218.7: >8)?	Yes	☐	No	☐	NA ☑
UCMR Samples:					
pH tested and acceptable upon receipt (200.7: ≤2; 533: 6 - 8; 537.1: 6 - 8)?	Yes	☐	No	☐	NA ☑
Free Chlorine tested and acceptable upon receipt (<0.1mg/L) [not applicable to 200.7]?	Yes	☐	No	☐	NA ☑

Comments:

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2404449 A

Report Created for: ACC Environmental Consultants, Inc.

7977 Capwell Drive , Suite 100
Oakland, CA 94621

Project Contact: Kim Bunting
Project P.O.:
Project: 10260-001.01; 10033 Hillcrest Soils

Project Location: 10033 Hillcrest Rd. Cupertino
Project Received: 04/05/2024

Analytical Report reviewed & approved for release on 04/24/2024 by:

Yen Cao
Project Manager

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Glossary of Terms & Qualifier Definitions

Client: ACC Environmental Consultants, Inc. **WorkOrder:** 2404449 A

Project: 10260-001.01; 10033 Hillcrest Soils

Glossary Abbreviation

%D	Serial Dilution Percent Difference
95% Interval	95% Confident Interval
CCV	Continuing Calibration Verification.
CCV REC (%)	% recovery of Continuing Calibration Verification.
CPT	Consumer Product Testing not NELAP Accredited
DF	Dilution Factor
DI WET	(DISTLC) Waste Extraction Test using DI water
DISS	Dissolved (direct analysis of 0.45 µm filtered and acidified water sample)
DLT	Dilution Test (Serial Dilution)
DUP	Duplicate
EDL	Estimated Detection Limit
ERS	External reference sample. Second source calibration verification.
ITEF	International Toxicity Equivalence Factor
LCS	Laboratory Control Sample
LCS2	Second LCS for the batch. Spike level is lower than that for the first LCS; applicable to method 1633.
LQL	Lowest Quantitation Level
MB	Method Blank
MB % Rec	% Recovery of Surrogate in Method Blank, if applicable
MDL	Method Detection Limit [1]
ML	Minimum Level of Quantitation
MS	Matrix Spike
MSD	Matrix Spike Duplicate
NA	Not Applicable
ND	Not detected at or above the indicated MDL or RL
NR	Data Not Reported due to matrix interference or insufficient sample amount.
PDS	Post Digestion Spike
PF	Prep Factor
RD	Relative Difference
RL	Reporting Limit [2]
RPD	Relative Percent Difference
RRT	Relative Retention Time
RSD	Relative Standard Deviation
SNR	Surrogate is diluted out of the calibration range
SPK Val	Spike Value

[1] MDL is the minimum measured concentration of a substance that can be reported with 99% confidence that the measured concentration is distinguishable from method blank results. Definition and Procedure for the Determination of the Method Detection Limit, Revision 2, 40CFR, Part 136, Appendix B, EPA 821-R-16-006, December 2016. Values are based upon our default extraction volume/amount and are subject to change.

[2] RL is the lowest level that can be reliably determined within specified limits of precision and accuracy during routine laboratory operating conditions. (The RL cannot be lower than the lowest calibration standard used in the initial calibration of the instrument and must be greater than the MDL.) Values are based upon our default extraction volume/amount and are subject to change.

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Glossary of Terms & Qualifier Definitions

Client: ACC Environmental Consultants, Inc. **WorkOrder:** 2404449 A

Project: 10260-001.01; 10033 Hillcrest Soils

SPKRef Val	Spike Reference Value
SPLP	Synthetic Precipitation Leachate Procedure
ST	Sorbent Tube
TCLP	Toxicity Characteristic Leachate Procedure
TEQ	Toxicity Equivalents
TNTC	“Too Numerous to Count;” greater than 250 colonies observed on the plate.
TZA	TimeZone Net Adjustment for sample collected outside of MAI's Coordinated Universal Time (UTC). (Adjustment for Daylight Saving is not accounted.)
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Received:	04/05/2024 15:30	**Extraction Method:**	CA Title 22
Date Prepared:	04/16/2024	**Analytical Method:**	SW6020
Project:	10260-001.01; 10033 Hillcrest Soils	**Unit:**	mg/L

Metals (STLC)

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2404449-001A	Soil	04/04/2024 12:10	ICP-MS4 318SMPL.d	291853

Analytes	Result	MDL	RL	DF	Date Analyzed
Chromium	**0.11**	0.10	0.10	1	04/19/2024 00:29

Analyst(s): AL

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB5/6/7/8-0.5	2404449-002A	Soil	04/04/2024 11:43	ICP-MS4 319SMPL.d	291853

Analytes	Result	MDL	RL	DF	Date Analyzed
Chromium	**0.12**	0.10	0.10	1	04/19/2024 00:33

Analyst(s): AL

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2404449
Date Prepared:	04/16/2024	**BatchID:**	291853
Date Analyzed:	04/18/2024	**Extraction Method:**	CA Title 22
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/L
Project:	10260-001.01; 10033 Hillcrest Soils	**Sample ID:**	MB/LCS/LCSD-291853

QC Summary Report for Metals (STLC)

Analyte	MB Result	MDL	RL			
Chromium	ND	0.10	0.10	-	-	-

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Chromium	10	10	10	103	104	75-125	1.06	20

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(925) 252-9262

CHAIN-OF-CUSTODY RECORD

WorkOrder: 2404449 A **ClientCode: ACCE**

☐ WaterTrax ☐ CLIP ☐ EDF ☒ EQuIS ☒ Dry-Weight ☑ Email ☐ HardCopy ☑ ThirdParty ☑ J-flag
☒ Detection Summary ☐ Excel

Report to:
Kim Bunting
ACC Environmental Consultants, Inc.
7977 Capwell Drive , Suite 100
Oakland, CA 94621
(510) 638-8400 FAX: (510) 638-8404

Email: kbunting@accenv.com; isutherland@accen
cc/3rd Party:
PO:
Project: 10260-001.01; 10033 Hillcrest Soils

Bill to:
Accounts Payable
ACC Environmental Consultants, Inc.
7977 Capwell Drive , Suite 100
Oakland, CA 94621
accenvap@bill.com

Requested TAT: **5 days;**

Date Received: **04/05/2024**
Date Logged: **04/08/2024**
Date Add-On: **04/16/2024**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2404449-001	ACCB1/2/3/4-0.5	Soil	4/4/2024 12:10	☐	A											
2404449-002	ACCB5/6/7/8-0.5	Soil	4/4/2024 11:43	☐	A											

Test Legend:

1	METALSMS_STLC_S	2		3		4	
5		6		7		8	
9		10		11		12	

Project Manager: Jennifer Lagerbom

Prepared by: Agustina Venegas

Add-On Prepared By: Maria Venegas

Comments: STLC Cr added to both samples 4/16/24 STAT.

NOTE: Soil samples are discarded 60 days after receipt unless other arrangements are made (Water samples are 30 days).
Hazardous samples will be returned to client or disposed of at client expense.

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WORK ORDER SUMMARY

Client Name: ACC ENVIRONMENTAL CONSULTANTS, INC.
Client Contact: Kim Bunting
Contact's Email kbunting@accenv.com; isutherland@accenv.com

Project: 10260-001.01; 10033 Hillcrest Soils
Comments: STLC Cr added to both samples 4/16/24 STAT.

Work Order: 2404449
QC Level: LEVEL 2
Date Logged: 4/8/2024
Date Add-On: 4/16/2024

LabID	ClientSampID	Matrix	Test Name	Cont. /Comp	Bottle & Preservative	U**	Head Space	Dry-Weight	Collection Date & Time	TAT	Test Due Date	Sediment Content	Hold	Sub Out
001A	ACCB1/2/3/4-0.5	Soil	SW6020 (Metals) (STLC) <Chromium>	4 / (4:1)	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 12:10	5 days*	4/25/2024		☐	☐
002A	ACCB5/6/7/8-0.5	Soil	SW6020 (Metals) (STLC) <Chromium>	4 / (4:1)	Stainless Steel tube 2"x6"	☐	☐	☐	4/4/2024 11:43	5 days*	4/25/2024		☐	☐

NOTES: * STLC and TCLP extractions require 2 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 3 days from sample submission).

- ISM prep requires 5 to 10 days to complete; therefore, all TATs begin after the extraction is completed (i.e., One-day TAT yields results in 6 to 11 days from sample submission). Due date listed on WO summary will not accurately reflect the time needed for sample preparation.

- Organic extracts are held for 40 days before disposal; Inorganic extract are held for 30 days.

- MAI assumes that all material present in the provided sampling container is considered part of the sample - MAI does not exclude any material from the sample prior to sample preparation unless requested in writing by the client.

U = An unpreserved container was received for a method that suggests a preservation in order to extend hold time for analysis.**

Cont. / Comp. = Containers /Composites

General COC

MAI Work Order # 2404449

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CHAIN OF CUSTODY RECORD

Turn Around Time: 1 Day Rush [ ] 2 Day Rush [ ] 3 Day Rush [ ] STD [X] Quote #
J-Flag / MDL [X] ESL [X] Cleanup Approved [ ] Dry Weight [ ] Bottle Order #
Delivery Format: PDF [X] GeoTracker EDF [ ] EDD [ ] Write On (DW) [ ] Detect Summary

Report To: Kimberly Bunting Bill To: ACC
Company: ACC Environmental
Address: 7977 Capwell Drive Suite 100
Email: Kbunting@acc-env.com Tele: 707-481-0795
Project Name: 10033 Hillcrest Soils Project #: 10260-001.01
Project Location: 10033 Hillcrest rd, Cupertino PO #
Sampler Signature:

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative
ACCB1-0.5	4/4/24	10:42	1	Soil	Ice
ACCB2-0.5		10:57	1		
ACCB3-0.5		11:58	1		
ACCB4-0.5		12:10	1		
ACCB5-0.5		11:06	1		
ACCB6-0.5		11:17	1		
ACCB7-0.5	↓	11:26	1		
ACCB8-0.5	↓	11:43	1	↓	↓

Analysis Requested

Multi Range as Gas, Diesel, and Motor Oil (8021/8015)	BTEX & TPH as Gas (8021/ 8015) MTBE	TPH as Diesel (8015) + Motor Oil Without Silica Gel	TPH as Diesel (8015) + Motor Oil With Silica Gel	Total Oil & Grease (1664 / 9071) Without Silica Gel	Total Petroleum Hydrocarbons - Oil & Grease (1664 / 9071) With Silica Gel	Total Petroleum Hydrocarbons (418.1) With Silica Gel	EPA 608/ 608.3/ 8081 (Cl Pesticides) *	EPA 608 / 8082 PCB's ; Aroclors only	EPA 524.2 / 624 / 8260 (VOCs)	EPA 525.2 / 625 / 8270 (SVOCs)	EPA 8270 SIM / 8310 (PAHs / PNAs)	CAM 17 Metals (200.8 / 6020)*	Metals (200.8 / 6020)* STLC Cr	Baylands Requirements	Lab to filter sample for dissolved metals analysis
X	X					X	X	X	X	X		X	X		

MAI clients MUST disclose any dangerous chemicals known to be present in their submitted samples in concentrations that may cause immediate harm or serious future health endangerment as a result of brief, gloved, open air, sample handling by MAI staff. Non-disclosure incurs an immediate $250 surcharge and the client is subject to full legal liability for harm suffered. Thank you for your understanding and for allowing us to work safely.

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Please provide an adequate volume of sample. If the volume is not sufficient for a MS/MSD a LCS/LCSD will be prepared in its place and noted in the report.

Relinquished By / Company Name	Date	Time	Received By / Company Name	Date	Time
			[illegible] MAI	4/5/24	1106
Non MAI	4/5/24	1530	[illegible] - MAI	4/5/24	1530

Comments / Instructions

2 4:1 Composites
Added 4/16/24 STAT

Matrix Code: DW=Drinking Water, GW=Ground Water, WW=Waste Water, SW=Seawater, S=Soil, SL=Sludge, A=Air, WP=Wipe, O=Other

Preservative Code: 1=4°C 2=HCl 3=H_2SO_4 4=HNO_3 5=NaOH 6=ZnOAc/NaOH 7=None

Temp 4.1 °C Initials WET

*CANCELLED PER EMAIL 4/8/24

Page 1 of 1