ADDENDUM NO. 1

February 19, 2024

Piedmont Ave Elementary School Site Improvements Project

OUSD PROJECT NUMBER 24107

Oakland Unified School District
Facilities Planning & Management
955 High Street, Oakland, CA 94601

The following changes, additions, modifications and corrections hereinafter set forth shall apply to the Bid Documents for the project and shall be made a part thereof and subject to all the requirements thereof, as if originally specified and/or shown.

Addendum No 1

The Bid Due date will be the same:
Monday February 23rd, 2023 @ 2:00 p.m.

Dear Bidders,

Please take note of the following amendments to the original document:

Project Schedule:
02/23: Bid Due Date
04/10: Board Approval
04/11: Issue NTP
04/15: Site mobilization and fencing setup
04/15 - 04/19: Demo existing asphalt and off haul soils
04/15 - 04/19: Wall surface preparations to receive mural(s)
04/19: Slurry coating installation
04/22 - 04/26: Prep work for a new nature exploration areas
04/29: Tree installation
05/08 - 05/10: Kaboom Build Week (for reference)
05/13 - 05/24: Play mattings installation
05/28: Play Structure inspection (by others)
05/29: Site demobilization (removal of temporary fence and equipment) and yard pressure washing
05/30: Substantial Completion

Revised Scope of Work:
1. Performed by other(s): GPRS scanning for underground utilities, topographic survey, soil testing.
2. Demo existing 3” asphalt layer. Approx. 4,200 sqft for new Nature Exploration Areas.
3. Demo existing (2) basketball hoops and (2) unidentified poles. Including footings.
4. Installation of new (2ft x 2ft) square shaped play matting tiles. Approx. 2,500 sqft. Play matting tiles will be furnished under OUSD.
5. Installation of new Nature Exploration Area (Approx 700 sqft). This includes the following:
    1. Remove 1ft of compacted soil. Approx. 700 cubic feet.

2. Furnish and install new ½" irrigation & 3" french drainage systems. Approx. 100 linear feet for each system.
3. Infill with 10" of infill soil and add 2" of compost.
4. Installation of (5) 10ft long trees. Trees furnished by others. For the 10 ft long trees, assume 4ft x 4ft x 4ft hole to be excavated and off hauled of spoils for each tree.

6. Installation of new Nature Exploration Area, Garden & Outdoor Classroom (Approx 3,500 sqft). This includes the following:
    1. Remove 1ft of compacted soil. Approx. 3,500 cubic feet.
    2. Furnish and install new ½" irrigation & 3" french drainage systems. Approx. 350 linear feet for each system.
    3. Infill with 10" of infill soil and add 2" of compost.
    4. Installation of (15) 10ft long trees. Trees furnished by others. For the 10 ft long trees, assume 4ft x 4ft x 4ft hole to be excavated and off hauled of spoils for each tree.
7. Install slurry throughout. Approx. 40,000 sqft
8. **ADD ALTERNATE #1** - Demo existing (15) 8'x4'x2' planter boxes.
9. **ADD ALTERNATE #2** - Wall surface preparations to receive mural(s). Approx. 10,000 sqft surface. This includes the following: Pressure wash surface, wall patching, apply primer, apply top/main coat.

Inclusions:

1. Area of work must be fenced off to ensure a safe working environment on site. Materials should also be stored within a fenced area.
2. Materials and debris generated during construction must be hauled off site after the work is completed.
3. Must provide your own dumpster.
4. Site must be cleaned after the completion of their work.
5. SofSurfaces play matting tile will be furnished through OUSD. Contractor to only include cost for installation. The date for receiving and staging play matting materials will be coordinated with the Contractor.
6. Must have SofSurfaces play matting installation certification.
7. Post-work inspections will be coordinated with a firm provided by OUSD.
8. Deliveries must be coordinated with OUSD.
9. Include furnishing and installation of (2) root watering systems (RWS) for each tree. Reference: https://store.rainbird.com/rwsb1401-rain-bird-rws-root-watering-system-36-in-tube-0-25-gpm-bubbler-4-in-grate.html?utm_source=google&utm_medium=cpc&utm_campaign=RainBirdPLA&utm_term=%7Bkeyword%7D .

Reference documents:

1. School yard diagram.
2. GRPS scanning for underground utilities, topographic survey, and soil testing reports.
3. SofSurfaces product literature.

RECEIPT OF THIS ADDENDUM MUST BE ACKNOWLEDGED ON
THE FORM OF PROPOSAL

End of Addendum No. 1

BID COVER SHEET
DOCUMENT 00 31 00

OAKLAND UNIFIED SCHOOL DISTRICT
Division of Facilities Planning and Management
955 High Street
Oakland, CA 94601

BIDS MUST BE SEALED AND SUBMITTED TO:

FRONT DESK
955 HIGH STREET
OAKLAND, CA 94601

THIS SHEET MUST BE ATTACHED TO THE FRONT OF YOUR BID ENVELOPE

PLEASE NOTE: BID RESULTS WILL BE MADE AVAILABLE VIA EMAIL.

THANK YOU IN ADVANCE FOR YOUR PATIENCE AND COOPERATION.

Bid for: Piedmont Elementary School Site Improvements

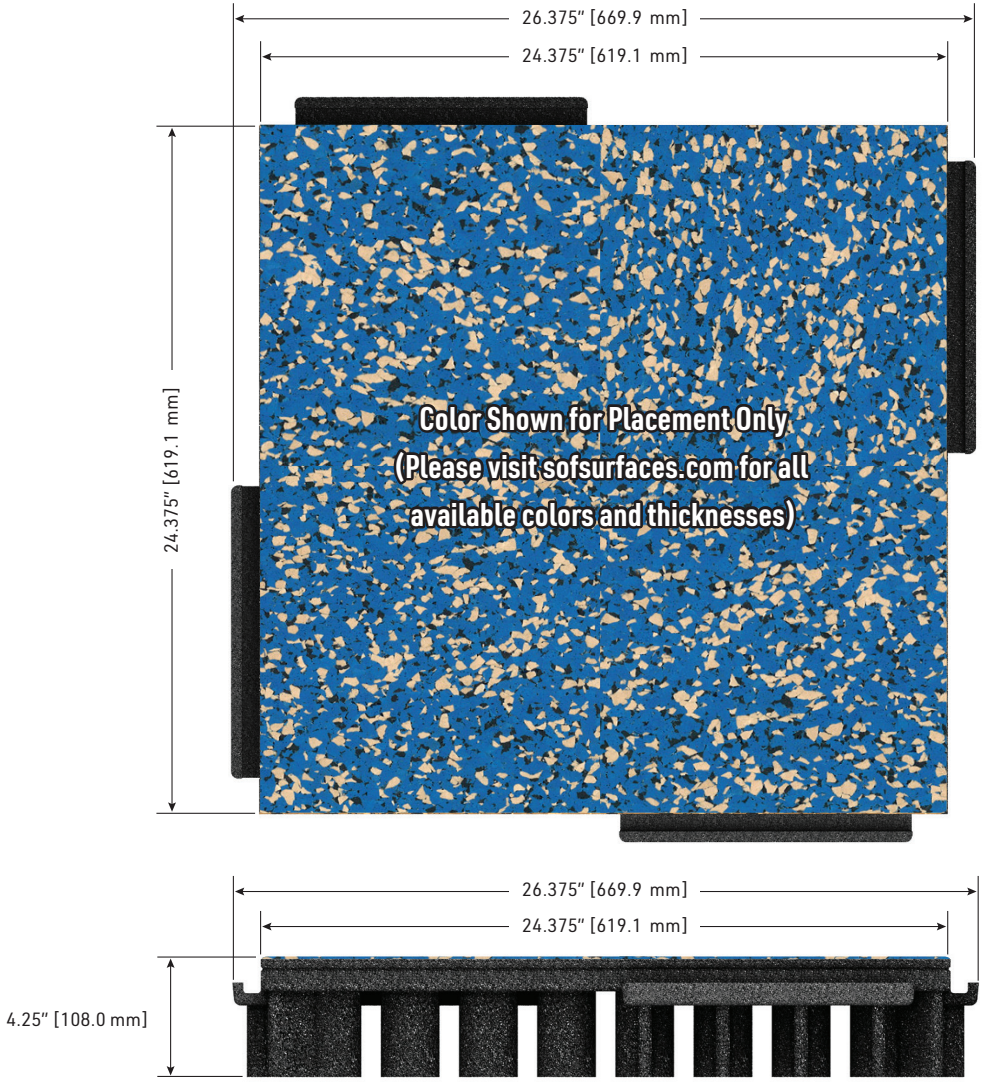
Project No.: 24107

Bidder: _____
Please print full (Company Name, Address)

_____
Please provide both: (Phone, Fax)

Bids are due: February 23, 2024 at 2:00 p.m.
(Bid will not be considered if submitted after this date and time)

TIME STAMP HERE: RECEIVED BY:



Note: **Plus Series and Premium Series Tiles have different manufactured sizes.**

duraSAFE®
RUBBER PLAYGROUND TILES

Product: Premium 95 Denim

Thickness: 4.25" (108.0 mm)

DURASAFE THICKNESS (in.)	CRITICAL FALL HEIGHT (ft)
2.00" (50.8 mm)	3 Feet (0.91 m)
2.25" (57.2 mm)	4 Feet (1.22 m)
2.75" (69.9 mm)	5 Feet (1.52 m)
3.25" (82.6 mm)	6 Feet (1.83 m)
3.75" (95.3 mm)	7 Feet (2.13 m)
4.25" (108.0 mm)	**8 Feet** (2.44 m)
4.75" (120.7 mm)	9 Feet (2.74 m)
5.00" (127.0 mm)	10 Feet (3.05 m)
5.25" (133.4 mm)	12 Feet (3.66 m)

Plus Series Mfd. Size: 24.25" x 24.25" (+/- 1/8")
Plus Series Insalled Size: 24.00" x 24.00" (24" Centers)

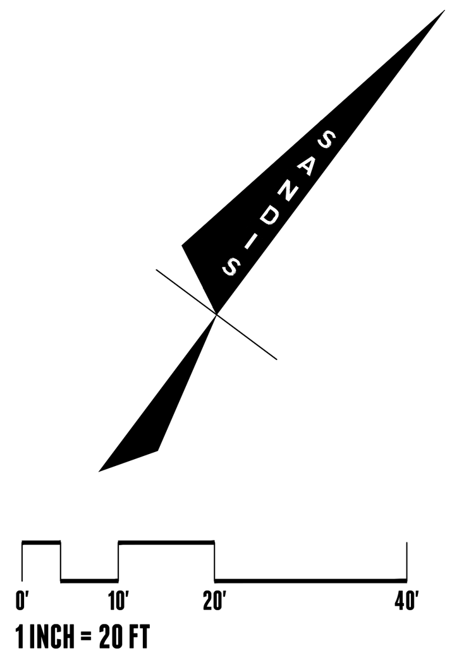
Premium Series Mfd. Size: 24.375" x 24.375" (+/- 1/8")
Premium Series Installed Size: 24.125" x 24.125" (24.125" Centers)

sofSURFACES
RUBBER TILE SOLUTIONS

PRODUCT SHOWN	SCENARIO DESCRIPTION	DATE CREATED	PREPARED BY	SCALE	REVISION
duraSAFE 4.25"	Playgrounds	Dec. 2, 2021	Brad Goss	N/A	1

SERIES	COLOUR	FILE NAME
Premium95	Denim	2022_DS_4.25_TileDrawing.pdf

4393 Discovery Line, Petrolia, ON Canada N0N 1R0 800.263.2363 sofSURFACES.com



BENCHMARK

THE ELEVATION REFERENCE FOR THIS SURVEY IS A CITY OF OAKLAND BENCHMARK, BM ID 53/0, STANDARD OAKLAND BRONZE DISC IN A CONCRETE MONUMENT 35 FEET EASTERLY OF THE CENTER LINE OF GLEN AVENUE AND 5 FEET NORTHERLY OF THE CENTER LINE OF LINDA AVENUE.

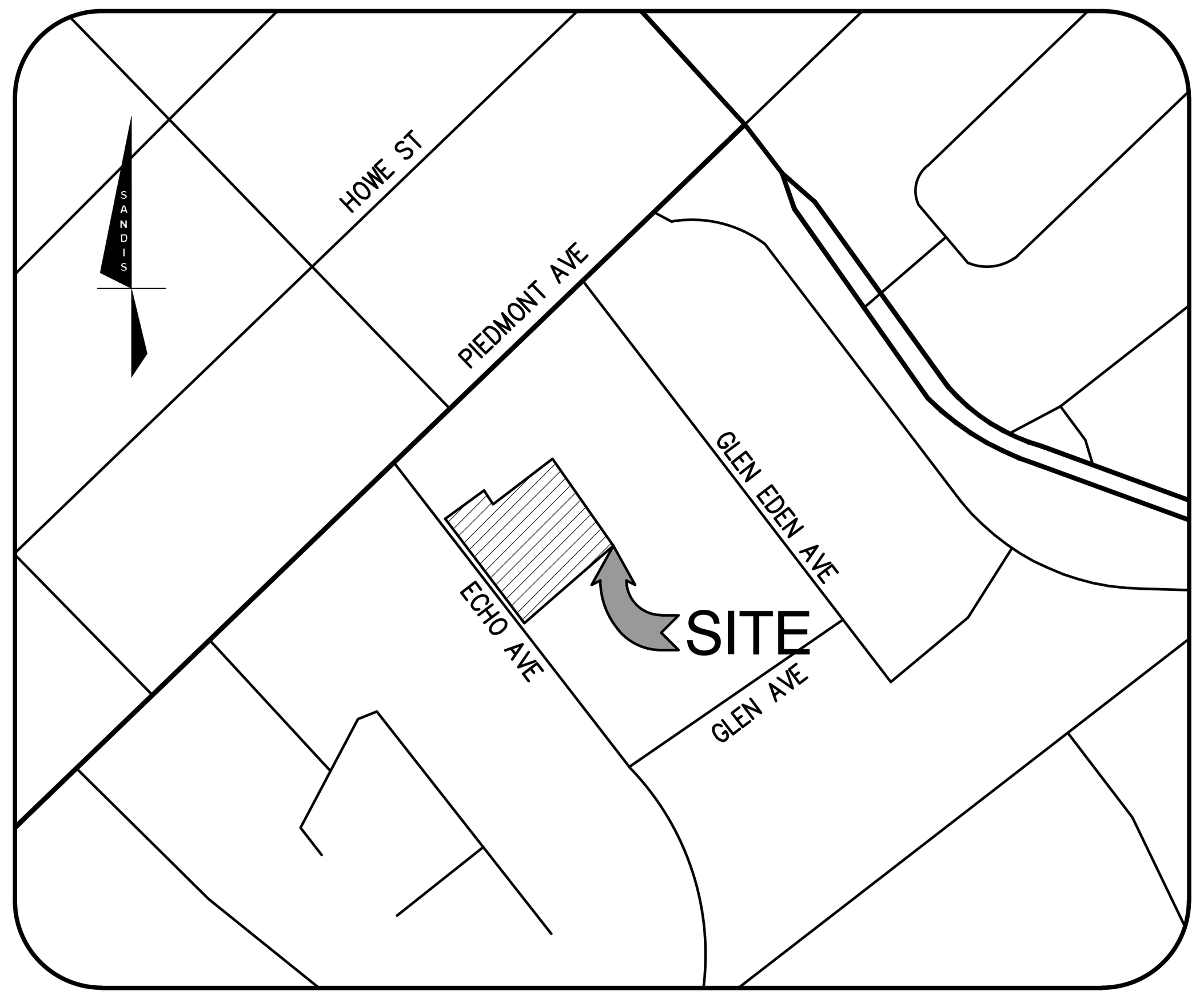
ELEVATION = 93.99 FEET (CITY OF OAKLAND DATUM)

UNDERGROUND UTILITY NOTE

THE TYPES, LOCATIONS, SIZES AND/OR DEPTHS OF EXISTING UNDERGROUND UTILITIES AS SHOWN ON THIS TOPOGRAPHIC SURVEY ARE APPROXIMATE AND WERE OBTAINED FROM SOURCES OF VARYING RELIABILITY. ONLY ACTUAL EXCAVATION WILL REVEAL THE TYPES, EXTENT, SIZES, LOCATIONS AND DEPTHS OF SUCH UNDERGROUND UTILITIES. A REASONABLE EFFORT HAS BEEN MADE TO LOCATE AND DELINEATE ALL KNOWN UNDERGROUND UTILITIES. HOWEVER, THE ENGINEER CAN ASSUME NO RESPONSIBILITY FOR THE COMPLETENESS OR ACCURACY OF ITS DELINEATION OF SUCH UNDERGROUND UTILITIES WHICH MAY BE ENCOUNTERED, BUT WHICH ARE NOT SHOWN ON THIS SURVEY.

ABBREVIATIONS

AD – AREA DRAIN
BFP – BACKFLOW PREVENTOR
BLDC – BUILDING CORNER
BLDL – BUILDING LINE
BS – BOTTOM OF STAIR
CATV – CABLE TELEVISION PULLBOX
CHKSHT – SURVEY CHECK SHOT
CLF – CHAIN LINK FENCE
CONC – CONCRETE
DI – DRAIN INLET
EP – EDGE OF PAVEMENT
EPB – ELECTRICAL PULLBOX
FG@DOOR – FINISHED GRADE AT DOOR
FH – FIRE HYDRANT
G – GROUND
GB – GRADE BREAK
GRATE – DRAIN INLET GRATE
HB – HOSE BIBB
HCR – ACCESSIBLE RAMP
MISC–MH – MISCELLANEOUS MANHOLE
P – PAVEMENT ELEVATION
PP – POWER POLE
SDCO – STORM DRAIN CLEANOUT
SSCO – SANITARY SEWER CLEANOUT
TC – TOP OF CURB
TC@CB – TOP OF CURB AT CATCH BASIN
TOW – TOP OF WALL
TS – TOP OF STAIR
VGUT – VALLEY GUTTER
VLT – VAULT
WM – WATER METER
WPB – WATER VAULT
WV – WATER VALVE



SURVEY NOTES

1. ALL DISTANCES AND DIMENSIONS ARE SHOWN IN FEET AND DECIMALS THEREOF.
2. DATES OF FIELD SURVEY: 12/12/2023 – 12/13/2023.
3. HORIZONTAL CONTROL WAS BASED ON A GPS SURVEY USING GNSS RTK METHODS CONNECTED TO THE LEICA SMARTNET REAL TIME NETWORK TIED INTO CALIFORNIA STATE PLANE COORDINATES NAD83, EPOCH 2020.50.

LEGEND

BUILDING FACE
BUILDING FACE W/ OVERHANG
EDGE OF PAVEMENT
CURB LINE
WALL, HEIGHT AND TYPE AS INDICATED
1235 / 1234 CONTOURS
ACCESSIBLE RAMP GRADE BREAK/EDGE LINE
STEPS
FLOW LINE
X FENCE LINE, TYPE / HEIGHT AS INDICATED
SD STORM DRAIN LINE
SS SANITARY SEWER LINE
W WATER LINE
G NATURAL GAS LINE
E UNDERGROUND ELECTRIC LINE
CMN COMMUNICATION LINE
UNK UNKNOWN UTILITY LINE
IRR UNDIFFERENTIATED WATER UTILITY LINE
BENCHMARK
STORM DRAIN CLEANOUT
DRAIN INLET
CATCH BASIN
SANITARY SEWER MANHOLE
SANITARY SEWER CLEANOUT
W WATER METER / BOX
WV WATER VALVE
BACKFLOW PREVENTOR
FIRE HYDRANT
HOSE BIBB
TV CABLE TELEVISION PULLBOX
E ELECTRIC VAULT / PULLBOX
PP POWER POLE
MH MISCELLANEOUS MANHOLE
197.30 STRIPE, 198.70 CONC, 198.76 BOW, 195.17 TC / 194.76 FL — SPOT ELEVATION
12" OAK — TREE WITH DRIPLINE, SIZE AS INDICATED

SANDIS

BUILD ON.
SANDIS.NET

DATE:	12/18/23
SCALE:	1"=20'
DRAWN BY:	C.I.
CHECKED BY:	C.C.
PROJECT No.:	723179

No.	REVISION	DATE	BY

PIEDMONT ELEMENTARY SCHOOL
OAKLAND CALIFORNIA

TOPOGRAPHIC SURVEY

SHEET 1 OF 1 SHEETS

Note: Asphalt will be excavated in the locations designated for the Nature Areas.

A·C·C ENVIRONMENTAL CONSULTANTS
An Employee Owned Company

February 9, 2024

Oakland Unified School District
955 High Street
Oakland, California 94601

Re: Soil Characterization
Piedmont Avenue Elementary School
4314 Piedmont Avenue
Oakland, California 94611
ACC Project Number: 3029-331.00

This letter report presents soil analytical results obtained by ACC Environmental Consultants, Inc. (ACC) for Piedmont Avenue Elementary School in Oakland, California (the Site). The purpose of the ACC investigation was to assess shallow on-site soils at the location of proposed playground renovations for lead and arsenic, and to characterize soils with regard to off-site disposal. The scope of soil sampling and chemical analyses for soil off-haul was based on typical landfill criteria for San Francisco Bay area soils.

On December 28, 2023, ACC collected soil samples at four (4) representative locations in the area of the existing asphalt (Figure 1). Soil samples were collected from the first 0.5 foot of soil encountered beneath the asphalt pavement. Engineered baserock was not encountered during this investigation.

Soil samples were collected in steel tubes capped with Teflon sheeting and tight-fitting plastic caps and new Ziploc bags, 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 and capped with fast-setting cement subsequent to sampling.

Soil samples were delivered to McCampbell Analytical, Inc. in Pittsburg, California following chain-of-custody protocol. The complete laboratory reports and chain-of-custody are attached as Appendix A. Soil analytical results were compared to Human Health Risk Levels (HHRLs) published by the San Francisco Regional Water Quality Control Board (SFRWQCB) (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.

Samples were collected discretely in the field and analyzed discretely for lead and arsenic by

analytical method 6010/6020. Soil samples were additionally composited by the laboratory into one 4:1 composite sample (ACCB1,2,3,4-0.5). Composite samples were analyzed for some or all of 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;
- Organochlorine Pesticides (OCPs) by analytical method 8081;
- Polychlorinated Biphenyls (PCBs) by analytical method 8082;
- CAM-17 Metals by analytical method 6010/6020; and
- Asbestos by analytical method CARB 435

TPH: TPH-g, TPH-d, and TPH-mo were detected at respective concentrations of 0.90 J, 69 and 1,200 milligrams per kilogram (mg/kg), which do not exceed corresponding soil HHRLs. State and Federal hazardous waste criteria are not published for these compounds. Certain analyses, such as petroleum hydrocarbons, are required by landfills despite no published State or Federal hazardous waste criteria.

VOCs: Concentrations of VOCs do not exceed corresponding soil HHRLs or corresponding hazardous waste criteria.

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

OCPs: Concentrations of OCPs do not exceed corresponding soil HHRLs or corresponding hazardous waste criteria.

PCBs: Concentrations of PCBs do not exceed corresponding soil 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 and lead were detected up to respective concentrations of 5.3 mg/kg and 29 mg/kg, which are within typical naturally occurring background concentrations for the San Francisco Bay Area.

Additional metals concentrations are within typical naturally occurring background concentrations for the San Francisco Bay Area and do not present a human health risk or exceed corresponding hazardous waste criteria.

Asbestos: Asbestos was not detected in soil with a reporting limit of 0.25%. No trace concentrations of asbestos were noted in the lab report. Federal and State hazardous waste criteria were not exceeded. HHRLs are not published for asbestos.

Based on analytical results from this sampling event, ACC is of the professional opinion that constituents reported by the laboratory to be present in Site soil do not pose a potential health risk to construction workers, as long as proper dust control protocol is followed, and correct personal protective equipment (PPE) is worn. Proper Site security measures should be implemented to prevent students or surrounding residents from accessing exposed soil during renovation activities.

ACC recommends following best worker practices with regard to naturally occurring arsenic in soil. Level D PPE during earthwork is warranted, including safety glasses, long work pants, long sleeves, and work gloves. The generation of airborne dust should be minimized to the extent practical at all times by spraying disturbed soil with water. If visible dust persists, additional dust suppression methods should be conducted (additional water or surfactants).

Additional assessment may be warranted if existing hardscape is removed subsequent to completion of site renovations.

Data indicate that soils within the sampling areas will be classified as non-hazardous waste if hauled off-site to a landfill. The attached data are sufficient for disposal at a landfill.

We appreciate the opportunity to assist you with this project. If you have any questions regarding this report please contact (510) 638-8400 x110 or isutherland@accenv.com.

Sincerely,
ACC ENVIRONMENTAL CONSULTANTS, INC.

Ian Sutherland, PG
Project Manager

Attachments:

Figure 1 - Site Map with Sampling Locations
Table 1 – Soil Analytical Results Summary (CAM-17 Metals)
Table 2 – Soil Analytical Results Summary (TPH, VOCs, OCPs, PCBs, & Asbestos)
Table 3 – Soil Analytical Results Summary (SVOCs)
Appendix A – Complete Laboratory Reports and Chain-of-Custody

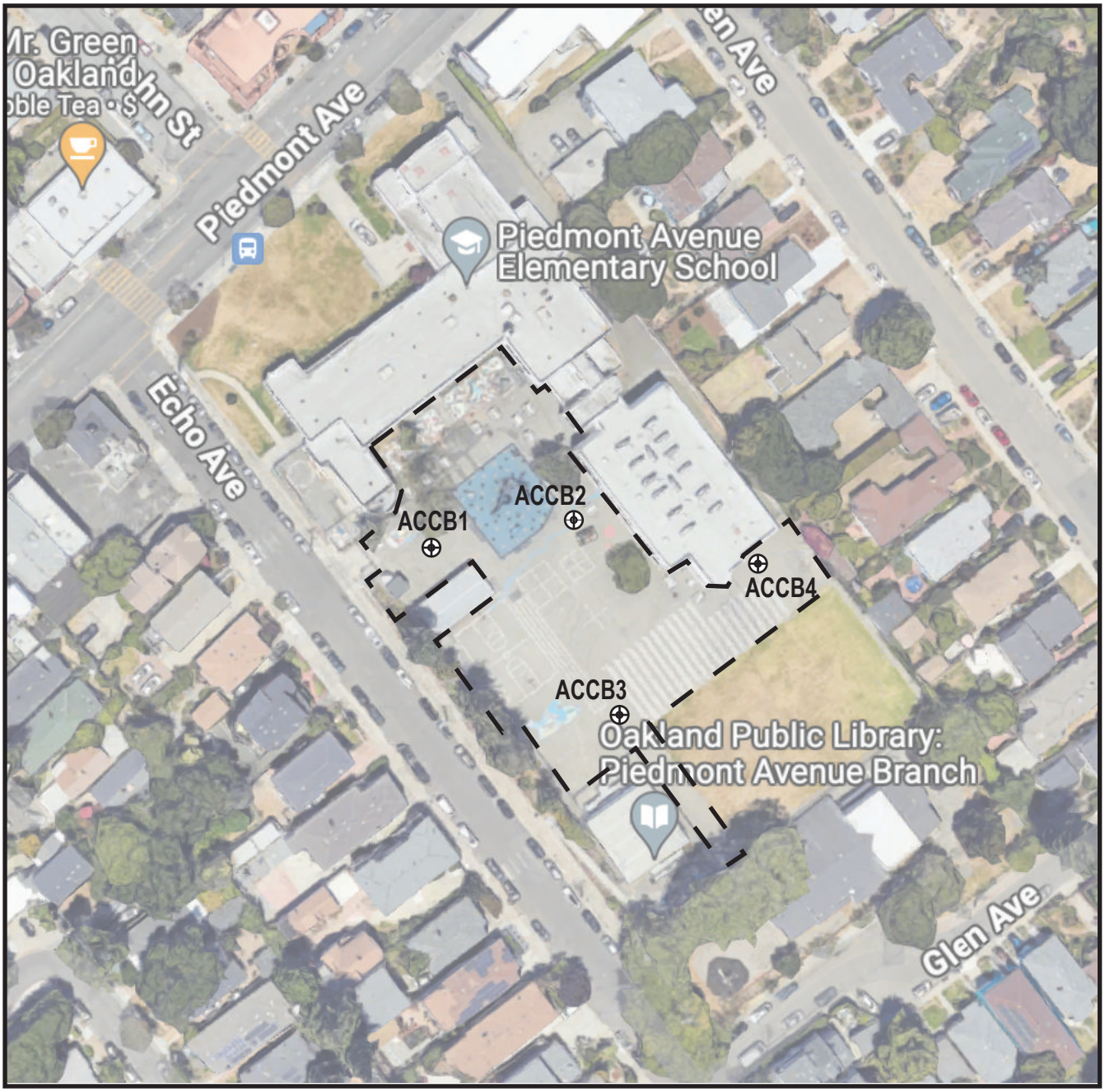
Limitations

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 regulations could change over time.

ACC has included analytical results from state-certified laboratories, 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.

FIGURE 1



BASEMAP SOURCE: GOOGLE EARTH (1.9.24)

ALL DIMENSIONS & LOCATIONS APPROXIMATE

Scale (Feet): 0 100 200

⊕ = ACC Sample Location (2023)

N

A·C·C ENVIRONMENTAL CONSULTANTS
An Employee Owned Company

FIGURE 1

SITE MAP WITH SAMPLING LOCATIONS

PROPOSED RENOVATIONS

ACC NO: 3029-331.00

DATE: 1.9.24

DRAWN BY: KB

PIEDMONT AVENUE ELEMENTARY SCHOOL
4314 PIEDMONT AVENUE
OAKLAND, CALIFORNIA

TABLES 1-3

TABLE 1

Soil Analytical Results Summary (Metals)

Piedmont Avenue Elementary School - 4314 Piedmont Avenue, Oakland, California

ACC Project Number: 3029-331.00

Sample Date	Sample ID	Chemical Compound & Concentrations (mg/kg)																
		Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Mercury	Molybdenum	Nickel	Selenium	Silver	Thallium	Vanadium	Zinc
12.28.2023	**ACCB1-0.5**	--	**3.9**	--	--	--	--	--	--	**13**	--	--	--	--	--	--	--	--
	ACCB2-0.5	--	**3.4**	--	--	--	--	--	--	**29**	--	--	--	--	--	--	--	--
	ACCB3-0.5	--	**5.3**	--	--	--	--	--	--	**14**	--	--	--	--	--	--	--	--
	ACCB4-0.5	--	**3.3**	--	--	--	--	--	--	**19**	--	--	--	--	--	--	--	--
	ACCB1/2/3/4-0.5	**0.35 J**	**4.4**	**140**	**0.31 J**	**0.19 J**	**48**	**12**	**33**	**18**	**0.24**	**0.65**	**47**	<0.50	**0.86**	<0.50	**45**	**95**
HHRLs - Soil Direct Exposure (Table SS-1; Residential)		11	0.067	15000	16	78	12000	23	3100	80	13	390	820	390	390	0.78	390	23000
HHRLs - Soil Direct Exposure (Table SS-1; Construction Worker)		50	0.98	3000	27	51	53000	28	14000	160	44	1800	86	1700	1800	3.5	470	110000
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	1000	7.5	10	50	800	250	50	2	3500	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	2000	--	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); HHRLs = Human Health Risk Levels published by the San Francisco Bay Regional Water Quality Control Board (January 2019, REV2); mg/L = milligrams per liter; < = non-detect less than reporting limit; TTLC = Total Threshold Limit Concentration; STLC = Soluble Threshold Limit Concentration; TCLP = Toxicity Characteristic Leaching Procedure; RCRA = Resource Conservation & Recovery Act; See lab report for explanation of data qualifiers (J, m, etc.); -- = not listed, not available, not analyzed, or varies by analyte.

TABLE 2

Soils Analytical Results Summary (TPH, VOCs, OCPs, PCBs, and Asbestos)

Piedmont Avenue Elementary School - 4314 Piedmont Avenue, Oakland, California

ACC Project Number: 3029-331.00

Sample ID	Sample Date	Chemical Compound & Concentrations (mg/kg)														
		TPH-g (C6 - C12)	TPH-d (C10 - C28)	TPH-mo	Benzene	2-Hexanone	Methylene chloride	Other VOCs	a-Chlordane	g-Chlordane	p,p-DDE	p,p-DDT	Other OCPs	Aroclor1260	Total PCBs	Asbestos (%)
ACCB1/B2/B3/B4-0.5	**12.28.2023**	**0.90 J**	**69**	**1200**	**0.0029 JB**	**0.0032 J**	**0.023 B**	ND	**0.0020 P**	**0.0044**	**0.012**	**0.0042 P**	ND	**0.087 P**	**0.087**	<0.25
HHRLs - Soil Direct Exposure (Table SS-1; Residential)		430	260	12000	0.33	--	1.9	--	0.48	0.48	1.8	1.9	--	0.23	0.23	--
HHRLs - Soil Direct Exposure (Table SS-1; Construction Worker)		1800	1100	54,000	33	--	490	s	14	14	57	57	--	5.5	5.5	--

Results reported in milligrams per kilogram (mg/kg); TPH = Total Petroleum Hydrocarbons specified as gasoline-range (TPH-g), diesel-range (TPH-d), and motor oil-range (TPH-mo); VOCs = Volatile Organic Compounds; < = 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.).

TABLE 3

Soils Analytical Results Summary (SVOCs)

Piedmont Avenue Elementary School - 4314 Piedmont Avenue, Oakland, California

ACC Project Number: 3029-331.00

Sample ID	Sample Date	Chemical Compound & Concentrations (mg/kg)								
		Benzo(a)pyrene	Benzo(b)fluoranthene	Benzo(g,h,i)perylene	Benzo (k) fluoranthene	Chrysene	Fluoranthene	Indeno (1,2,3-cd) pyrene	Pyrene	Other SVOCs
ACCB1/B2/B3/B4-0.5	**12.28.2023**	**0.096**	**0.14**	**0.14**	**0.068 J**	**0.095**	**0.18**	**0.088 J**	**0.16**	ND
HHRLs - Soil Direct Exposure (Table SS-1; Residential)		0.11	1.1	--	11	110	2400	1.1	1800	--
HHRLs - Soil Direct Exposure (Table SS-1; Construction Worker)		10	110	--	910	9100	6700	110	5000	--

Results reported in milligrams per kilogram (mg/kg); SVOCs = Semi-volatile organic compounds; < = 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 A

COMPLETE LABORATORY REPORTS

McCampbell Analytical, Inc.

"When Quality Counts"

Analytical Report

WorkOrder: 2312K30

Report Created for: ACC Environmental Consultants, Inc.

7977 Capwell Drive , Suite 100
Oakland, CA 94621

Project Contact: Kim Bunting
Project P.O.:
Project: 3029-331-00; Piedmont Ave ES

Project Received: 12/28/2023

Analytical Report reviewed & approved for release on 01/05/2024 by:

Yen Cao
Project Manager

McCampbell Analytical, Inc.
"When Quality Counts"

1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Glossary of Terms & Qualifier Definitions

Client: ACC Environmental Consultants, Inc. **WorkOrder:** 2312K30

Project: 3029-331-00; Piedmont Ave ES

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:** 2312K30

Project: 3029-331-00; Piedmont Ave ES

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 UTC.
WET (STLC)	Waste Extraction Test (Soluble Threshold Limit Concentration)

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K30
Date Received:	12/28/2023 10:19	**Extraction Method:**	SW3050B
Date Prepared:	12/29/2023	**Analytical Method:**	SW6020
Project:	3029-331-00; Piedmont Ave ES	**Unit:**	mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1-0.5	2312K30-001A	Soil	12/28/2023 08:20	ICP-MS4 148SMPL.d	284974

Analytes	Result	MDL	RL	DF	Date Analyzed
Arsenic	**3.9**	0.084	0.50	1	12/29/2023 23:13
Lead	**13**	0.089	0.50	1	12/29/2023 23:13

Surrogates	REC (%)	Limits	
Terbium	104	70-130	12/29/2023 23:13

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB2-0.5	2312K30-002A	Soil	12/28/2023 08:29	ICP-MS4 179SMPL.d	284974

Analytes	Result	MDL	RL	DF	Date Analyzed
Arsenic	**3.4**	0.084	0.50	1	12/30/2023 01:16
Lead	**29**	0.089	0.50	1	12/30/2023 01:16

Surrogates	REC (%)	Limits	
Terbium	104	70-130	12/30/2023 01:16

Analyst(s): DB

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB3-0.5	2312K30-003A	Soil	12/28/2023 08:38	ICP-MS4 180SMPL.d	284974

Analytes	Result	MDL	RL	DF	Date Analyzed
Arsenic	**5.3**	0.084	0.50	1	12/30/2023 01:20
Lead	**14**	0.089	0.50	1	12/30/2023 01:20

Surrogates	REC (%)	Limits	
Terbium	104	70-130	12/30/2023 01:20

Analyst(s): DB

(Cont.)

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K30
Date Received:	12/28/2023 10:19	**Extraction Method:**	SW3050B
Date Prepared:	12/29/2023	**Analytical Method:**	SW6020
Project:	3029-331-00; Piedmont Ave ES	**Unit:**	mg/kg

Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB4-0.5	**2312K30-004A**	**Soil**	**12/28/2023 08:34**	**ICP-MS4 181SMPL.d**	**284974**

Analytes	Result	MDL	RL	DF	Date Analyzed
Arsenic	**3.3**	0.084	0.50	1	12/30/2023 01:24
Lead	**19**	0.089	0.50	1	12/30/2023 01:24

Surrogates	REC (%)	Limits	
Terbium	104	70-130	12/30/2023 01:24

Analyst(s): DB

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K30
Date Prepared:	12/29/2023	**BatchID:**	284974
Date Analyzed:	12/29/2023	**Extraction Method:**	SW3050B
Instrument:	ICP-MS4	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-284974 2312K30-001AMS/MSD

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	490			500	97	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Arsenic	50	52	50	101	104	75-125	3.80	20
Lead	52	56	50	104	111	75-125	6.70	20
Surrogate Recovery								
Terbium	540	570	500	108	114	70-130	5.49	20

Analyte	MS DF	MS Result	MSD Result	SPK Val	SPKRef Val	MS %REC	MSD %REC	MS/MSD Limits	RPD	RPD Limit
Arsenic	1	59	60	50	3.858	110	111	75-125	1.45	20
Lead	1	70	70	50	13.21	115	114	75-125	0.126	20
Surrogate Recovery										
Terbium	1	560	570	500		112	113	70-130	1.11	20

Analyte	DLT Result	DLTRef Val	%D	%D Limit
Arsenic	3.4	3.9	12.5	-
Lead	13	13	0.825	20

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

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2312K30 **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: 3029-331-00; Piedmont Ave ES

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: **12/28/2023**
Date Logged: **12/28/2023**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2312K30-001	ACCB1-0.5	Soil	12/28/2023 08:20	☐	A	A										
2312K30-002	ACCB2-0.5	Soil	12/28/2023 08:29	☐	A	A										
2312K30-003	ACCB3-0.5	Soil	12/28/2023 08:38	☐	A	A										
2312K30-004	ACCB4-0.5	Soil	12/28/2023 08:34	☐	A	A										

Test Legend:

1	METALSMS_TTLC_S	2	PRDisposal Fee	3		4	
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:** 3029-331-00; Piedmont Ave ES **Work Order:** 2312K30
Client Contact: Kim Bunting **QC Level:** LEVEL 2
Contact's Email: kbunting@accenv.com; isutherland@accenv.com **Comments:** **Date Logged:** 12/28/2023

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

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	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	Plastic Baggie, Small	☐	☐	☐	12/28/2023 8:20	5 days	1/5/2024		☐	☐
002A	ACCB2-0.5	Soil	SW6020 (Metals) <Arsenic, Lead>	1	Plastic Baggie, Small	☐	☐	☐	12/28/2023 8:29	5 days	1/5/2024		☐	☐
003A	ACCB3-0.5	Soil	SW6020 (Metals) <Arsenic, Lead>	1	Plastic Baggie, Small	☐	☐	☐	12/28/2023 8:38	5 days	1/5/2024		☐	☐
004A	ACCB4-0.5	Soil	SW6020 (Metals) <Arsenic, Lead>	1	Plastic Baggie, Small	☐	☐	☐	12/28/2023 8:34	5 days	1/5/2024		☐	☐

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.**

General COC

MAI Work Order # 2312K30

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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		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: Piedmont Ave ES Project #: 3029-331.00
Project Location: 4314 Piedmont Ave PO #
Sampler Signature: Kimberly Bunting

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative
ACCB1-0.5	12/28/23	8:20	1	Soil	ICE
ACCB2-0.5		8:29	1		
ACCB3-0.5		8:38	1		
ACCB4-0.5		8:34	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 ; Arcolors 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)*	Haybands Requirements	Lab to filter sample for dissolved metals analysis	Lead Arsenic		
																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
Davis Leach/ACC	12/28/23	10:19	[illegible] MAI	12/28/23	10:19

Comments / Instructions: Ziploc bags

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 12.2 °C Initials
BLUE

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Sample Receipt Checklist

Client Name:	ACC Environmental Consultants, Inc.	Date and Time Received:	12/28/2023 10:19
Project:	3029-331-00; Piedmont Ave ES	Date Logged:	12/28/2023
		Received by:	Agustina Venegas
WorkOrder №:	2312K30 Matrix: Soil	Logged by:	Agustina Venegas
Carrier:	Client Drop-In		

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: BLUE ICE)					
Sample/Temp Blank temperature	Temp: 12.2°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:

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Analytical Report

WorkOrder: 2312K29

Report Created for: ACC Environmental Consultants, Inc.

7977 Capwell Drive , Suite 100
Oakland, CA 94621

Project Contact: Kim Bunting
Project P.O.:
Project: 3029-331-00; Piedmont Ave ES

Project Received: 12/28/2023

Analytical Report reviewed & approved for release on 01/09/2024 by:

Yen Cao
Project Manager

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Glossary of Terms & Qualifier Definitions

Client: ACC Environmental Consultants, Inc. **WorkOrder:** 2312K29

Project: 3029-331-00; Piedmont Ave ES

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:** 2312K29

Project: 3029-331-00; Piedmont Ave ES

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 UTC.
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.
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.
a3	Sample diluted due to high organic content interfering with quantitative/or qualitative analysis.
c1	Surrogate recovery outside of the control limits due to the dilution of the sample.
e2	Diesel range compounds are detected; no recognizable pattern.
e7	Oil range compounds are detected.
k10	CARB 435 Exception 1 - No asbestos detected. The limit of quantitation (LOQ) = 0.25%.

Quality Control Qualifiers

F2	LCS/LCSD recovery and/or RPD/RSD is out of acceptance criteria.
F3	The surrogate standard recovery and/or RPD is outside of acceptance limits.
F5	LCS/LCSD recovery is outside of acceptance limits; however, the data is acceptable based upon the TNI allowable marginal exceedances.

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Received:	12/28/2023 10:19	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	12/29/2023	**Analytical Method:**	SW8081B/8082A
Project:	3029-331-00; Piedmont Ave ES	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2312K29-001A	Soil	12/28/2023 08:34	GC23 01032454.d	285049

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Aldrin	ND		0.00047	0.0010	10	01/03/2024 23:43
a-BHC	ND		0.00045	0.0010	10	01/03/2024 23:43
b-BHC	ND		0.00038	0.0010	10	01/03/2024 23:43
d-BHC	ND		0.00040	0.0010	10	01/03/2024 23:43
g-BHC	ND		0.00056	0.0010	10	01/03/2024 23:43
Chlordane (Technical)	ND		0.016	0.025	10	01/03/2024 23:43
a-Chlordane	**0.0020**	P	0.00039	0.0010	10	01/03/2024 23:43
g-Chlordane	**0.0044**		0.00043	0.0010	10	01/03/2024 23:43
p,p-DDD	ND		0.00041	0.0010	10	01/03/2024 23:43
p,p-DDE	**0.012**		0.00047	0.0010	10	01/03/2024 23:43
p,p-DDT	**0.0042**	P	0.00069	0.0010	10	01/03/2024 23:43
Dieldrin	ND		0.00066	0.0010	10	01/03/2024 23:43
Endosulfan I	ND		0.00038	0.0010	10	01/03/2024 23:43
Endosulfan II	ND		0.00059	0.0010	10	01/03/2024 23:43
Endosulfan sulfate	ND		0.00035	0.0010	10	01/03/2024 23:43
Endrin	ND		0.00088	0.0010	10	01/03/2024 23:43
Endrin aldehyde	ND		0.00049	0.0010	10	01/03/2024 23:43
Endrin ketone	ND		0.00083	0.0010	10	01/03/2024 23:43
Heptachlor	ND		0.00064	0.0010	10	01/03/2024 23:43
Heptachlor epoxide	ND		0.00029	0.0010	10	01/03/2024 23:43
Hexachlorobenzene	ND		0.00077	0.010	10	01/03/2024 23:43
Hexachlorocyclopentadiene	ND		0.0031	0.020	10	01/03/2024 23:43
Methoxychlor	ND		0.00092	0.0020	10	01/03/2024 23:43
Toxaphene	ND		0.045	0.10	10	01/03/2024 23:43
Aroclor1016	ND		0.020	0.050	10	01/03/2024 23:43
Aroclor1221	ND		0.020	0.050	10	01/03/2024 23:43
Aroclor1232	ND		0.020	0.050	10	01/03/2024 23:43
Aroclor1242	ND		0.020	0.050	10	01/03/2024 23:43
Aroclor1248	ND		0.020	0.050	10	01/03/2024 23:43
Aroclor1254	ND		0.020	0.050	10	01/03/2024 23:43
Aroclor1260	**0.087**	P	0.020	0.050	10	01/03/2024 23:43
PCBs, total	**0.087**		NA	0.050	10	01/03/2024 23:43

(Cont.)

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Received:	12/28/2023 10:19	**Extraction Method:**	SW3550B/3640Am/3630Cm
Date Prepared:	12/29/2023	**Analytical Method:**	SW8081B/8082A
Project:	3029-331-00; Piedmont Ave ES	**Unit:**	mg/kg

Organochlorine Pesticides + PCBs w/ Florisil Clean-up

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2312K29-001A	Soil	12/28/2023 08:34	GC23 01032454.d	285049

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Surrogates	REC (%)			Limits		
	91			20-145		01/03/2024 23:43

Analyst(s): CN Analytical Comments: a3

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Received:	12/28/2023 10:19	**Extraction Method:**	SW5030B
Date Prepared:	12/28/2023	**Analytical Method:**	SW8260B
Project:	3029-331-00; Piedmont Ave ES	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2312K29-001A	Soil	12/28/2023 08:34	GC38 01032429.D	284970

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Acetone	ND		0.12	0.20	1	01/04/2024 01:39
tert-Amyl methyl ether (TAME)	ND		0.0012	0.0050	1	01/04/2024 01:39
Benzene	**0.0029**	JB	0.00095	0.0050	1	01/04/2024 01:39
Bromobenzene	ND		0.0012	0.0050	1	01/04/2024 01:39
Bromochloromethane	ND		0.0011	0.0050	1	01/04/2024 01:39
Bromodichloromethane	ND		0.00023	0.0050	1	01/04/2024 01:39
Bromoform	ND		0.0038	0.0050	1	01/04/2024 01:39
Bromomethane	ND		0.0018	0.0050	1	01/04/2024 01:39
2-Butanone (MEK)	ND		0.040	0.10	1	01/04/2024 01:39
t-Butyl alcohol (TBA)	ND		0.024	0.050	1	01/04/2024 01:39
n-Butyl benzene	ND		0.0016	0.0050	1	01/04/2024 01:39
sec-Butyl benzene	ND		0.0018	0.0050	1	01/04/2024 01:39
tert-Butyl benzene	ND		0.0021	0.0050	1	01/04/2024 01:39
Carbon Disulfide	ND		0.0011	0.0050	1	01/04/2024 01:39
Carbon Tetrachloride	ND		0.00017	0.0050	1	01/04/2024 01:39
Chlorobenzene	ND		0.0012	0.0050	1	01/04/2024 01:39
Chloroethane	ND		0.0017	0.0050	1	01/04/2024 01:39
Chloroform	ND		0.00032	0.0050	1	01/04/2024 01:39
Chloromethane	ND		0.0017	0.0050	1	01/04/2024 01:39
2-Chlorotoluene	ND		0.0016	0.0050	1	01/04/2024 01:39
4-Chlorotoluene	ND		0.0013	0.0050	1	01/04/2024 01:39
Dibromochloromethane	ND		0.00040	0.0050	1	01/04/2024 01:39
1,2-Dibromo-3-chloropropane	ND		0.00048	0.00050	1	01/04/2024 01:39
1,2-Dibromoethane (EDB)	ND		0.00013	0.00025	1	01/04/2024 01:39
Dibromomethane	ND		0.0012	0.0050	1	01/04/2024 01:39
1,2-Dichlorobenzene	ND		0.0017	0.0050	1	01/04/2024 01:39
1,3-Dichlorobenzene	ND		0.0015	0.0050	1	01/04/2024 01:39
1,4-Dichlorobenzene	ND		0.0015	0.0050	1	01/04/2024 01:39
Dichlorodifluoromethane	ND		0.00063	0.0050	1	01/04/2024 01:39
1,1-Dichloroethane	ND		0.0015	0.0050	1	01/04/2024 01:39
1,2-Dichloroethane (1,2-DCA)	ND		0.000070	0.00010	1	01/04/2024 01:39
1,1-Dichloroethene	ND		0.00011	0.0050	1	01/04/2024 01:39
cis-1,2-Dichloroethene	ND		0.0012	0.0050	1	01/04/2024 01:39
trans-1,2-Dichloroethene	ND		0.0012	0.0050	1	01/04/2024 01:39
1,2-Dichloropropane	ND		0.0013	0.0050	1	01/04/2024 01:39
1,3-Dichloropropane	ND		0.00088	0.0050	1	01/04/2024 01:39

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Received:	12/28/2023 10:19	**Extraction Method:**	SW5030B
Date Prepared:	12/28/2023	**Analytical Method:**	SW8260B
Project:	3029-331-00; Piedmont Ave ES	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2312K29-001A	Soil	12/28/2023 08:34	GC38 01032429.D	284970

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,2-Dichloropropane	ND		0.0019	0.0050	1	01/04/2024 01:39
1,1-Dichloropropene	ND		0.0018	0.0050	1	01/04/2024 01:39
cis-1,3-Dichloropropene	ND		0.00098	0.0050	1	01/04/2024 01:39
trans-1,3-Dichloropropene	ND		0.00097	0.0050	1	01/04/2024 01:39
Diisopropyl ether (DIPE)	ND		0.0018	0.0050	1	01/04/2024 01:39
Ethylbenzene	ND		0.0011	0.0050	1	01/04/2024 01:39
Ethyl tert-butyl ether (ETBE)	ND		0.0014	0.0050	1	01/04/2024 01:39
Freon 113	ND		0.0011	0.0050	1	01/04/2024 01:39
Hexachlorobutadiene	ND		0.0012	0.0050	1	01/04/2024 01:39
Hexachloroethane	ND		0.00064	0.0050	1	01/04/2024 01:39
2-Hexanone	**0.0032**	J	0.0027	0.0050	1	01/04/2024 01:39
Isopropylbenzene	ND		0.0018	0.0050	1	01/04/2024 01:39
4-Isopropyl toluene	ND		0.0019	0.0050	1	01/04/2024 01:39
Methyl-t-butyl ether (MTBE)	ND		0.0015	0.0050	1	01/04/2024 01:39
Methylene chloride	**0.023**	B	0.012	0.020	1	01/04/2024 01:39
4-Methyl-2-pentanone (MIBK)	ND		0.0017	0.0050	1	01/04/2024 01:39
Naphthalene	ND		0.0030	0.0050	1	01/04/2024 01:39
n-Propyl benzene	ND		0.0019	0.0050	1	01/04/2024 01:39
Styrene	ND		0.0014	0.0050	1	01/04/2024 01:39
1,1,1,2-Tetrachloroethane	ND		0.0013	0.0050	1	01/04/2024 01:39
1,1,2,2-Tetrachloroethane	ND		0.00044	0.0050	1	01/04/2024 01:39
Tetrachloroethene	ND		0.00029	0.0050	1	01/04/2024 01:39
Toluene	ND		0.0016	0.0050	1	01/04/2024 01:39
1,2,3-Trichlorobenzene	ND		0.0021	0.0050	1	01/04/2024 01:39
1,2,4-Trichlorobenzene	ND		0.0016	0.0050	1	01/04/2024 01:39
1,1,1-Trichloroethane	ND		0.0016	0.0050	1	01/04/2024 01:39
1,1,2-Trichloroethane	ND		0.0012	0.0050	1	01/04/2024 01:39
Trichloroethene	ND		0.0014	0.0050	1	01/04/2024 01:39
Trichlorofluoromethane	ND		0.0013	0.0050	1	01/04/2024 01:39
1,2,3-Trichloropropane	ND		0.00017	0.00025	1	01/04/2024 01:39
1,2,4-Trimethylbenzene	ND		0.0016	0.0050	1	01/04/2024 01:39
1,3,5-Trimethylbenzene	ND		0.0017	0.0050	1	01/04/2024 01:39
Vinyl Chloride	ND		0.00012	0.00025	1	01/04/2024 01:39
m,p-Xylene	ND		0.0026	0.0050	1	01/04/2024 01:39
o-Xylene	ND		0.0014	0.0050	1	01/04/2024 01:39
Xylenes, Total	ND		NA	0.0050	1	01/04/2024 01:39

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Received:	12/28/2023 10:19	**Extraction Method:**	SW5030B
Date Prepared:	12/28/2023	**Analytical Method:**	SW8260B
Project:	3029-331-00; Piedmont Ave ES	**Unit:**	mg/kg

Volatile Organics

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2312K29-001A	Soil	12/28/2023 08:34	GC38 01032429.D	284970

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Surrogates	**REC (%)**			**Limits**		
Dibromofluoromethane	104			70-140		01/04/2024 01:39
Toluene-d8	106			70-140		01/04/2024 01:39
4-BFB	107			70-140		01/04/2024 01:39
Benzene-d6	102			50-140		01/04/2024 01:39
Ethylbenzene-d10	87			50-140		01/04/2024 01:39
1,2-DCB-d4	60			40-140		01/04/2024 01:39

Analyst(s): TW

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Received:	12/28/2023 10:19	**Extraction Method:**	SW3550B/3640A
Date Prepared:	12/29/2023	**Analytical Method:**	SW8270E
Project:	3029-331-00; Piedmont Ave ES	**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	2312K29-001A	Soil	12/28/2023 08:34	GC47 01042407.D	285016

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,3,4,6-Tetrachlorophenol	ND		7.5	12	50	01/04/2024 11:08
Benzoic Acid	ND		31	62	50	01/04/2024 11:08
Acenaphthene	ND		0.022	0.065	50	01/04/2024 11:08
Acenaphthylene	ND		0.012	0.065	50	01/04/2024 11:08
Acetochlor	ND		5.5	12	50	01/04/2024 11:08
Anthracene	ND		0.030	0.065	50	01/04/2024 11:08
Benzidine	ND		20	62	50	01/04/2024 11:08
Benzo (a) anthracene	ND		0.15	0.62	50	01/04/2024 11:08
Benzo (a) pyrene	**0.096**		0.039	0.065	50	01/04/2024 11:08
Benzo (b) fluoranthene	**0.14**		0.055	0.12	50	01/04/2024 11:08
Benzo (g,h,i) perylene	**0.14**		0.043	0.12	50	01/04/2024 11:08
Benzo (k) fluoranthene	**0.068**	J	0.060	0.12	50	01/04/2024 11:08
Benzyl Alcohol	ND		36	62	50	01/04/2024 11:08
1,1-Biphenyl	ND		0.27	0.62	50	01/04/2024 11:08
Bis (2-chloroethoxy) Methane	ND		6.5	12	50	01/04/2024 11:08
Bis (2-chloroethyl) Ether	ND		0.016	0.065	50	01/04/2024 11:08
Bis (2-chloroisopropyl) Ether	ND		0.062	0.12	50	01/04/2024 11:08
Bis (2-ethylhexyl) Adipate	ND		9.0	12	50	01/04/2024 11:08
Bis (2-ethylhexyl) Phthalate	ND		0.40	3.1	50	01/04/2024 11:08
4-Bromophenyl Phenyl Ether	ND		6.0	12	50	01/04/2024 11:08
Butylbenzyl Phthalate	ND		0.28	3.1	50	01/04/2024 11:08
4-Chloroaniline	ND		0.050	0.065	50	01/04/2024 11:08
4-Chloro-3-methylphenol	ND		6.5	12	50	01/04/2024 11:08
2-Chloronaphthalene	ND		6.0	12	50	01/04/2024 11:08
2-Chlorophenol	ND		0.30	0.62	50	01/04/2024 11:08
4-Chlorophenyl Phenyl Ether	ND		6.0	12	50	01/04/2024 11:08
Chrysene	**0.095**		0.036	0.065	50	01/04/2024 11:08
Dibenzo (a,h) anthracene	ND		0.065	0.12	50	01/04/2024 11:08
Dibenzofuran	ND		0.016	0.065	50	01/04/2024 11:08
Di-n-butyl Phthalate	ND		0.35	3.1	50	01/04/2024 11:08
1,2-Dichlorobenzene	ND		7.0	12	50	01/04/2024 11:08
1,3-Dichlorobenzene	ND		6.5	12	50	01/04/2024 11:08
1,4-Dichlorobenzene	ND		6.0	12	50	01/04/2024 11:08
3,3-Dichlorobenzidine	ND		0.044	0.065	50	01/04/2024 11:08
2,4-Dichlorophenol	ND		0.062	0.12	50	01/04/2024 11:08
Diethyl Phthalate	ND		0.26	0.62	50	01/04/2024 11:08

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Received:	12/28/2023 10:19	**Extraction Method:**	SW3550B/3640A
Date Prepared:	12/29/2023	**Analytical Method:**	SW8270E
Project:	3029-331-00; Piedmont Ave ES	**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	2312K29-001A	Soil	12/28/2023 08:34	GC47 01042407.D	285016

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,4-Dimethylphenol	ND		5.5	12	50	01/04/2024 11:08
Dimethyl Phthalate	ND		0.050	0.12	50	01/04/2024 11:08
4,6-Dinitro-2-methylphenol	ND		28	62	50	01/04/2024 11:08
2,4-Dinitrophenol	ND		5.5	12	50	01/04/2024 11:08
2,4-Dinitrotoluene	ND		0.020	0.62	50	01/04/2024 11:08
2,6-Dinitrotoluene	ND		0.39	0.62	50	01/04/2024 11:08
Di-n-octyl Phthalate	ND		16	31	50	01/04/2024 11:08
1,2-Diphenylhydrazine	ND		5.5	12	50	01/04/2024 11:08
Fluoranthene	**0.18**		0.036	0.12	50	01/04/2024 11:08
Fluorene	ND		0.039	0.12	50	01/04/2024 11:08
Hexachlorobenzene	ND		0.019	0.065	50	01/04/2024 11:08
Hexachlorobutadiene	ND		0.014	0.065	50	01/04/2024 11:08
Hexachlorocyclopentadiene	ND		33	62	50	01/04/2024 11:08
Hexachloroethane	ND		0.031	0.12	50	01/04/2024 11:08
Indeno (1,2,3-cd) pyrene	**0.088**	J	0.070	0.12	50	01/04/2024 11:08
Isophorone	ND		2.8	12	50	01/04/2024 11:08
1-Methylnaphthalene	ND		0.018	0.065	50	01/04/2024 11:08
2-Methylnaphthalene	ND		0.022	0.065	50	01/04/2024 11:08
2-Methylphenol (o-Cresol)	ND		7.5	12	50	01/04/2024 11:08
3 & 4-Methylphenol (m,p-Cresol)	ND		7.0	12	50	01/04/2024 11:08
Naphthalene	ND		0.021	0.12	50	01/04/2024 11:08
2-Nitroaniline	ND		30	62	50	01/04/2024 11:08
3-Nitroaniline	ND		36	62	50	01/04/2024 11:08
4-Nitroaniline	ND		32	62	50	01/04/2024 11:08
Nitrobenzene	ND		7.0	12	50	01/04/2024 11:08
2-Nitrophenol	ND		32	62	50	01/04/2024 11:08
4-Nitrophenol	ND		35	62	50	01/04/2024 11:08
N-Nitrosodimethylamine	ND		30	62	50	01/04/2024 11:08
N-Nitrosodiphenylamine	ND		5.5	12	50	01/04/2024 11:08
N-Nitrosodi-n-propylamine	ND		7.0	12	50	01/04/2024 11:08
Pentachlorophenol	ND		1.6	3.1	50	01/04/2024 11:08
Phenanthrene	ND		0.050	0.065	50	01/04/2024 11:08
Phenol	ND		0.16	0.50	50	01/04/2024 11:08
Pyrene	**0.16**		0.032	0.065	50	01/04/2024 11:08
Pyridine	ND		4.7	12	50	01/04/2024 11:08
1,2,4-Trichlorobenzene	ND		6.5	12	50	01/04/2024 11:08

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Received:	12/28/2023 10:19	**Extraction Method:**	SW3550B/3640A
Date Prepared:	12/29/2023	**Analytical Method:**	SW8270E
Project:	3029-331-00; Piedmont Ave ES	**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	2312K29-001A	Soil	12/28/2023 08:34	GC47 01042407.D	285016

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
2,4,5-Trichlorophenol	ND		0.034	0.12	50	01/04/2024 11:08
2,4,6-Trichlorophenol	ND		0.031	0.12	50	01/04/2024 11:08

Surrogates	REC (%)	Qualifiers	Limits	Date Analyzed
2-Fluorophenol	68		60-130	01/04/2024 11:08
Phenol-d5	65		60-130	01/04/2024 11:08
Nitrobenzene-d5	63		60-130	01/04/2024 11:08
2-Fluorobiphenyl	72		60-130	01/04/2024 11:08
2,4,6-Tribromophenol	17	S	50-130	01/04/2024 11:08
4-Terphenyl-d14	94		50-130	01/04/2024 11:08

Analyst(s): MV Analytical Comments: c1

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Received:	12/28/2023 10:19	**Extraction Method:**	SW3050B
Date Prepared:	01/02/2024	**Analytical Method:**	SW6020
Project:	3029-331-00; Piedmont Ave ES	**Unit:**	mg/Kg

CAM / CCR 17 Metals

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2312K29-001A	Soil	12/28/2023 08:34	ICP-MS5 122SMPL.d	285044

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
Antimony	**0.35**	J	0.10	0.50	1	01/02/2024 17:39
Arsenic	**4.4**		0.084	0.50	1	01/02/2024 17:39
Barium	**140**		0.73	5.0	1	01/02/2024 17:39
Beryllium	**0.31**	J	0.086	0.50	1	01/02/2024 17:39
Cadmium	**0.19**	J	0.080	0.50	1	01/02/2024 17:39
Chromium	**48**		0.17	0.50	1	01/02/2024 17:39
Cobalt	**12**		0.063	0.50	1	01/02/2024 17:39
Copper	**33**		0.19	0.50	1	01/02/2024 17:39
Lead	**18**		0.089	0.50	1	01/02/2024 17:39
Mercury	**0.24**		0.039	0.050	1	01/02/2024 17:39
Molybdenum	**0.65**		0.093	0.50	1	01/02/2024 17:39
Nickel	**47**		0.28	0.50	1	01/02/2024 17:39
Selenium	ND		0.21	0.50	1	01/02/2024 17:39
Silver	**0.86**		0.084	0.50	1	01/02/2024 17:39
Thallium	ND		0.073	0.50	1	01/02/2024 17:39
Vanadium	**45**		0.097	0.50	1	01/02/2024 17:39
Zinc	**95**		1.8	5.0	1	01/02/2024 17:39

Surrogates	REC (%)	Limits	
Terbium	97	70-130	01/02/2024 17:39

Analyst(s): MIG

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Received:	12/28/2023 10:19	**Extraction Method:**	CARB 435 Asbestos
Date Prepared:	01/05/2024	**Analytical Method:**	435 CARB
Project:	3029-331-00; Piedmont Ave ES	**Unit:**	%

Asbestos (CARB 435) 400 Point Count

Client ID	Lab ID	Matrix	Date Collected	Instrument	Batch ID
ACCB1/2/3/4-0.5	2312K29-001A	Soil	12/28/2023 08:34	Microscope	285349

Analytes	Result	RL	DF	Date Analyzed
Asbestos	ND	0.25	1	01/05/2024 10:15

Analyst(s): HCD

Analytical Comments: k10

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Received:	12/28/2023 10:19	**Extraction Method:**	SW5035
Date Prepared:	12/28/2023	**Analytical Method:**	SW8021B/8015Bm
Project:	3029-331-00; Piedmont Ave ES	**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	2312K29-001A	Soil	12/28/2023 08:34	GC3 12292321.D	284969

Analytes	Result	Qualifiers	MDL	RL	DF	Date Analyzed
TPH(g) (C6-C12)	**0.90**	J	0.48	1.0	1	12/29/2023 17:55
MTBE	---		0.0025	0.050	1	12/29/2023 17:55
Benzene	---		0.0014	0.0050	1	12/29/2023 17:55
Toluene	---		0.0021	0.0050	1	12/29/2023 17:55
Ethylbenzene	---		0.00093	0.0050	1	12/29/2023 17:55
m,p-Xylene	---		0.0024	0.010	1	12/29/2023 17:55
o-Xylene	---		0.00090	0.0050	1	12/29/2023 17:55
Xylenes	---		NA	0.0050	1	12/29/2023 17:55

Surrogates	REC (%)	Limits	
2-Fluorotoluene	100	62-126	12/29/2023 17:55

Analyst(s): IA

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Analytical Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Received:	12/28/2023 10:19	**Extraction Method:**	SW3550B
Date Prepared:	12/28/2023	**Analytical Method:**	SW8015B
Project:	3029-331-00; Piedmont Ave ES	**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	2312K29-001A	Soil	12/28/2023 08:34	GC6B 01022457.D	284966

Analytes	Result	MDL	RL	DF	Date Analyzed
TPH-Diesel (C10-C23)	**69**	11	20	10	01/03/2024 03:56
TPH-Motor Oil (C18-C36)	**1200**	43	100	10	01/03/2024 03:56

Surrogates	REC (%)	Limits	
C9	100	70-130	01/03/2024 03:56

Analyst(s): JNG Analytical Comments: e2,e7

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Prepared:	12/29/2023	**BatchID:**	285049
Date Analyzed:	12/29/2023	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC23	**Analytical Method:**	SW8081B/8082A
Matrix:	Soil	**Unit:**	mg/kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-285049

QC Summary Report for SW8081B/8082A

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Aldrin	ND	0.000047	0.00010	-	-	-
a-BHC	ND	0.000045	0.00010	-	-	-
b-BHC	ND	0.000038	0.00010	-	-	-
d-BHC	ND	0.000040	0.00010	-	-	-
g-BHC	ND	0.000056	0.00010	-	-	-
Chlordane (Technical)	ND	0.0016	0.0025	-	-	-
a-Chlordane	ND	0.000039	0.00010	-	-	-
g-Chlordane	ND	0.000043	0.00010	-	-	-
p,p-DDD	ND	0.000041	0.00010	-	-	-
p,p-DDE	ND	0.000047	0.00010	-	-	-
p,p-DDT	ND	0.000069	0.00010	-	-	-
Dieldrin	ND	0.000066	0.00010	-	-	-
Endosulfan I	ND	0.000038	0.00010	-	-	-
Endosulfan II	ND	0.000059	0.00010	-	-	-
Endosulfan sulfate	ND	0.000035	0.00010	-	-	-
Endrin	ND	0.000088	0.00010	-	-	-
Endrin aldehyde	ND	0.000049	0.00010	-	-	-
Endrin ketone	ND	0.000083	0.00010	-	-	-
Heptachlor	ND	0.000064	0.00010	-	-	-
Heptachlor epoxide	ND	0.000029	0.00010	-	-	-
Hexachlorobenzene	ND	0.000077	0.0010	-	-	-
Hexachlorocyclopentadiene	ND	0.00031	0.0020	-	-	-
Methoxychlor	ND	0.000092	0.00020	-	-	-
Toxaphene	ND	0.0045	0.010	-	-	-
Aroclor1016	ND	0.0020	0.0050	-	-	-
Aroclor1221	ND	0.0020	0.0050	-	-	-
Aroclor1232	ND	0.0020	0.0050	-	-	-
Aroclor1242	ND	0.0020	0.0050	-	-	-
Aroclor1248	ND	0.0020	0.0050	-	-	-
Aroclor1254	ND	0.0020	0.0050	-	-	-
Aroclor1260	ND	0.0020	0.0050	-	-	-
Surrogate Recovery						
	0.0050			0.005	100	28-170

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Prepared:	12/29/2023	**BatchID:**	285049
Date Analyzed:	12/29/2023	**Extraction Method:**	SW3550B/3640Am/3630Cm
Instrument:	GC23	**Analytical Method:**	SW8081B/8082A
Matrix:	Soil	**Unit:**	mg/kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-285049

QC Summary Report for SW8081B/8082A

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Aldrin	0.0033	0.0037	0.0050	66	74	31-155	11.7	20
a-BHC	0.0033	0.0039	0.0050	65	78	32-160	17.1	20
b-BHC	0.0034	0.0038	0.0050	68	75	44-149	10.4	20
d-BHC	0.0035	0.0040	0.0050	70	80	37-157	12.7	20
g-BHC	0.0035	0.0040	0.0050	69	80	43-154	13.8	20
a-Chlordane	0.0035	0.0039	0.0050	70	78	39-150	10.6	20
g-Chlordane	0.0040	0.0044	0.0050	80	88	39-151	9.63	20
p,p-DDD	0.0035	0.0039	0.0050	70	79	30-158	11.0	20
p,p-DDE	0.0034	0.0038	0.0050	69	76	47-149	10.4	20
p,p-DDT	0.0042	0.0046	0.0050	83	93	56-166	11.3	20
Dieldrin	0.0033	0.0036	0.0050	65	72	50-163	10.3	20
Endosulfan I	0.0031	0.0035	0.0050	63	70	45-159	11.0	20
Endosulfan II	0.0033	0.0036	0.0050	65	73	41-155	10.9	20
Endosulfan sulfate	0.0036	0.0040	0.0050	73	81	45-156	10.8	20
Endrin	0.0038	0.0042	0.0050	75	84	54-154	10.4	20
Endrin aldehyde	0.0029	0.0032	0.0050	57	65	27-159	12.1	20
Endrin ketone	0.0034	0.0038	0.0050	67	76	40-147	11.8	20
Heptachlor	0.0035	0.0039	0.0050	69	79	52-165	12.7	20
Heptachlor epoxide	0.0032	0.0036	0.0050	64	71	46-145	10.4	20
Hexachlorobenzene	0.0036	0.0040	0.0050	72	80	22-156	11.8	20
Hexachlorocyclopentadiene	0.0032	0.0035	0.0050	63	70	43-173	10.0	20
Methoxychlor	0.0034	0.0039	0.0050	68	77	49-150	12.6	20
Aroclor1016	0.011	0.010	0.015	72	69	49-120	4.86	20
Aroclor1260	0.011	0.010	0.015	73	69	48-160	6.13	20
Surrogate Recovery								
	0.0049	0.0054	0.0050	97	108	28-170	11.0	20

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Prepared:	12/28/2023	**BatchID:**	284970
Date Analyzed:	12/29/2023 - 01/02/2024	**Extraction Method:**	SW5030B
Instrument:	GC38, GC49	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-284970

QC Summary Report for SW8260B

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	0.0032,J	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:**	2312K29
Date Prepared:	12/28/2023	**BatchID:**	284970
Date Analyzed:	12/29/2023 - 01/02/2024	**Extraction Method:**	SW5030B
Instrument:	GC38, GC49	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-284970

QC Summary Report for SW8260B

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	**0.022**	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:**	2312K29
Date Prepared:	12/28/2023	**BatchID:**	284970
Date Analyzed:	12/29/2023 - 01/02/2024	**Extraction Method:**	SW5030B
Instrument:	GC38, GC49	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-284970

QC Summary Report for SW8260B

Analyte	MB Result	MDL	RL	SPK Val	MB SS %REC	MB SS Limits
Surrogate Recovery						
Dibromofluoromethane	0.13			0.125	101	70-140
Toluene-d8	0.14			0.125	108	70-140
4-BFB	0.012			0.0125	100	70-140
Benzene-d6	0.12			0.1	121	70-140
Ethylbenzene-d10	0.12			0.1	116	70-140
1,2-DCB-d4	0.073			0.1	73	70-140

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Prepared:	12/28/2023	**BatchID:**	284970
Date Analyzed:	12/29/2023 - 01/02/2024	**Extraction Method:**	SW5030B
Instrument:	GC38, GC49	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-284970

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Acetone	0.26	0.27	0.20	132	134	60-140	1.41	30
tert-Amyl methyl ether (TAME)	0.018	0.018	0.020	91	91	50-140	0.148	30
Benzene	0.021	0.021	0.020	107	106	60-140	0.700	30
Bromobenzene	0.019	0.019	0.020	97	94	60-140	2.85	30
Bromochloromethane	0.020	0.020	0.020	99	98	60-140	1.08	30
Bromodichloromethane	0.021	0.021	0.020	105	103	60-140	1.94	30
Bromoform	0.017	0.018	0.020	87	89	40-140	1.81	30
Bromomethane	0.027	0.027	0.020	135	136	30-140	0.244	30
2-Butanone (MEK)	0.097	0.11	0.080	122	136	50-140	10.9	30
t-Butyl alcohol (TBA)	0.090	0.088	0.080	112	109	50-140	2.70	30
n-Butyl benzene	0.024	0.024	0.020	119	121	60-150	1.81	30
sec-Butyl benzene	0.023	0.024	0.020	117	119	60-150	1.77	30
tert-Butyl benzene	0.023	0.022	0.020	113	112	60-140	0.837	30
Carbon Disulfide	0.022	0.022	0.020	109	109	50-140	0.0475	30
Carbon Tetrachloride	0.019	0.019	0.020	97	94	60-140	2.33	30
Chlorobenzene	0.019	0.019	0.020	96	96	60-140	0.294	30
Chloroethane	0.026	0.026	0.020	131	131	50-140	0.426	30
Chloroform	0.021	0.021	0.020	105	105	60-140	0.551	30
Chloromethane	0.022	0.022	0.020	109	110	20-140	0.779	30
2-Chlorotoluene	0.021	0.021	0.020	104	106	60-140	1.77	30
4-Chlorotoluene	0.021	0.022	0.020	104	108	60-140	3.38	30
Dibromochloromethane	0.020	0.020	0.020	99	98	50-140	0.883	30
1,2-Dibromo-3-chloropropane	0.0095	0.0094	0.010	95	94	30-140	1.29	30
1,2-Dibromoethane (EDB)	0.0099	0.0098	0.010	99	98	40-140	1.13	30
Dibromomethane	0.020	0.019	0.020	100	94	60-140	5.76	30
1,2-Dichlorobenzene	0.016	0.017	0.020	82	83	60-140	1.19	30
1,3-Dichlorobenzene	0.019	0.019	0.020	95	96	60-140	1.23	30
1,4-Dichlorobenzene	0.019	0.020	0.020	96	98	60-140	1.50	30
Dichlorodifluoromethane	0.011	0.011	0.020	54	53	10-140	2.14	30
1,1-Dichloroethane	0.021	0.021	0.020	105	105	60-140	0.561	30
1,2-Dichloroethane (1,2-DCA)	0.021	0.020	0.020	103	101	60-140	2.11	30
1,1-Dichloroethene	0.022	0.022	0.020	110	109	60-140	1.14	30
cis-1,2-Dichloroethene	0.020	0.020	0.020	101	100	60-140	1.20	30
trans-1,2-Dichloroethene	0.022	0.022	0.020	108	108	60-140	0.525	30
1,2-Dichloropropane	0.019	0.019	0.020	95	94	60-140	1.15	30
1,3-Dichloropropane	0.020	0.020	0.020	98	100	60-140	2.28	30
2,2-Dichloropropane	0.024	0.023	0.020	118	115	60-140	2.71	30
1,1-Dichloropropene	0.022	0.022	0.020	111	110	60-140	0.864	30

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Prepared:	12/28/2023	**BatchID:**	284970
Date Analyzed:	12/29/2023 - 01/02/2024	**Extraction Method:**	SW5030B
Instrument:	GC38, GC49	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-284970

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
cis-1,3-Dichloropropene	0.020	0.020	0.020	102	101	60-140	1.35	30
trans-1,3-Dichloropropene	0.021	0.020	0.020	105	102	60-140	2.63	30
Diisopropyl ether (DIPE)	0.019	0.019	0.020	96	95	60-140	0.752	30
Ethylbenzene	0.022	0.022	0.020	107	109	60-140	1.04	30
Ethyl tert-butyl ether (ETBE)	0.019	0.019	0.020	97	94	60-140	2.35	30
Freon 113	0.019	0.019	0.020	97	96	50-140	1.71	30
Hexachlorobutadiene	0.017	0.017	0.020	87	87	60-140	0.0631	30
Hexachloroethane	0.022	0.022	0.020	111	111	60-140	0.0591	30
2-Hexanone	0.020	0.020	0.020	101	100	40-140	1.22	30
Isopropylbenzene	0.023	0.023	0.020	117	114	60-140	2.56	30
4-Isopropyl toluene	0.024	0.024	0.020	118	119	60-150	0.888	30
Methyl-t-butyl ether (MTBE)	0.019	0.019	0.020	96	94	50-140	1.80	30
Methylene chloride	0.042	0.041	0.020	209,F2	207,F2	60-140	0.885	30
4-Methyl-2-pentanone (MIBK)	0.017	0.016	0.020	83	79	50-140	4.18	30
Naphthalene	0.010	0.010	0.020	53	53	30-140	0.0238	30
n-Propyl benzene	0.023	0.023	0.020	114	115	60-140	1.54	30
Styrene	0.018	0.018	0.020	92	91	60-140	1.37	30
1,1,1,2-Tetrachloroethane	0.020	0.020	0.020	101	98	60-140	2.63	30
1,1,2,2-Tetrachloroethane	0.018	0.018	0.020	89	87	40-140	1.51	30
Tetrachloroethene	0.022	0.022	0.020	112	110	60-140	1.50	30
Toluene	0.021	0.021	0.020	105	103	60-140	1.91	30
1,2,3-Trichlorobenzene	0.013	0.012	0.020	63	60	40-140	4.77	30
1,2,4-Trichlorobenzene	0.014	0.014	0.020	71	68	50-140	3.30	30
1,1,1-Trichloroethane	0.023	0.023	0.020	115	113	60-140	1.48	30
1,1,2-Trichloroethane	0.019	0.018	0.020	94	92	60-140	2.42	30
Trichloroethene	0.020	0.020	0.020	102	101	60-140	1.50	30
Trichlorofluoromethane	0.020	0.020	0.020	101	99	50-140	1.53	30
1,2,3-Trichloropropane	0.010	0.010	0.010	102	100	60-130	1.33	30
1,2,4-Trimethylbenzene	0.023	0.022	0.020	113	112	30-140	1.02	30
1,3,5-Trimethylbenzene	0.023	0.022	0.020	116	112	60-140	2.93	30
Vinyl Chloride	0.012	0.012	0.010	122	121	30-140	0.758	30
m,p-Xylene	0.039	0.039	0.040	97	97	60-140	0.129	30
o-Xylene	0.019	0.020	0.020	97	98	60-140	1.35	30

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Prepared:	12/28/2023	**BatchID:**	284970
Date Analyzed:	12/29/2023 - 01/02/2024	**Extraction Method:**	SW5030B
Instrument:	GC38, GC49	**Analytical Method:**	SW8260B
Matrix:	Soil	**Unit:**	mg/kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-284970

QC Summary Report for SW8260B

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Surrogate Recovery								
Dibromofluoromethane	0.13	0.13	0.12	103	103	70-140	0.107	30
Toluene-d8	0.13	0.13	0.12	107	106	70-140	1.04	30
4-BFB	0.012	0.013	0.012	99	102	70-140	2.47	30
Benzene-d6	0.12	0.12	0.10	122	121	70-140	0.527	30
Ethylbenzene-d10	0.12	0.12	0.10	115	116	70-140	0.548	30
1,2-DCB-d4	0.073	0.074	0.10	73	74	70-140	0.797	30

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Prepared:	12/29/2023	**BatchID:**	285016
Date Analyzed:	01/02/2024	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-285016

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	ND	0.00078	0.0013	-	-	-
Benzo (b) fluoranthene	ND	0.0011	0.0025	-	-	-
Benzo (g,h,i) perylene	ND	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	ND	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:**	2312K29
Date Prepared:	12/29/2023	**BatchID:**	285016
Date Analyzed:	01/02/2024	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-285016

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:**	2312K29
Date Prepared:	12/29/2023	**BatchID:**	285016
Date Analyzed:	01/02/2024	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-285016

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	1.5			1.25	123	60-130
Phenol-d5	1.6			1.25	125	60-130
Nitrobenzene-d5	1.8			1.25	144,F3	60-130
2-Fluorobiphenyl	1.4			1.25	113	60-130
2,4,6-Tribromophenol	1.2			1.25	99	50-130
4-Terphenyl-d14	1.6			1.25	125	50-130

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Prepared:	12/29/2023	**BatchID:**	285016
Date Analyzed:	01/02/2024	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-285016

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	0.049	0.049	0.062	79	78	60-130	0.789	30
Acenaphthylene	0.046	0.047	0.062	74	75	60-130	1.83	30
Acetochlor	1.1	1.1	1.25	88	87	60-130	1.03	30
Anthracene	0.051	0.051	0.062	81	82	60-130	1.20	30
Benzidine	0.53	0.50	6.25	8,F5	8,F5	30-130	5.53	30
Benzo (a) anthracene	0.055	0.058	0.062	87	92	60-130	5.44	30
Benzo (a) pyrene	0.052	0.054	0.062	83	86	60-130	4.11	30
Benzo (b) fluoranthene	0.055	0.057	0.062	88	92	40-130	4.28	30
Benzo (g,h,i) perylene	0.047	0.049	0.062	76	78	60-130	2.50	30
Benzo (k) fluoranthene	0.056	0.058	0.062	90	92	60-130	2.06	30
Benzoic Acid	6.7	7.0	6.25	107	112	15-130	4.67	30
Benzyl Alcohol	5.3	5.2	6.25	85	83	60-130	2.53	30
1,1-Biphenyl	0.051	0.052	0.062	82	83	60-130	1.41	30
Bis (2-chloroethoxy) Methane	1.2	1.2	1.25	93	92	60-130	0.402	30
Bis (2-chloroethyl) Ether	0.050	0.052	0.062	80	83	60-130	3.13	30
Bis (2-chloroisopropyl) Ether	0.050	0.051	0.062	80	82	60-130	2.81	30
Bis (2-ethylhexyl) Adipate	1.2	1.3	1.25	96	101	40-130	5.33	30
Bis (2-ethylhexyl) Phthalate	0.047	0.051	0.062	75	81	60-130	8.40	30
4-Bromophenyl Phenyl Ether	1.1	1.2	1.25	88	92	60-130	4.12	30
Butylbenzyl Phthalate	0.054	0.058	0.062	86	93	60-130	6.92	30
4-Chloro-3-methylphenol	1.2	1.2	1.25	95	95	60-130	0.618	30
4-Chloroaniline	0.032	0.030	0.062	52	47	40-130	8.80	30
2-Chloronaphthalene	1.2	1.1	1.25	94	85	60-130	9.18	30
2-Chlorophenol	0.051	0.053	0.062	82	85	60-130	3.60	30
4-Chlorophenyl Phenyl Ether	1.1	1.1	1.25	88	88	60-130	0.129	30
Chrysene	0.052	0.054	0.062	83	86	60-130	3.62	30
Dibenzo (a,h) anthracene	0.050	0.050	0.062	79	80	60-130	0.948	30
Dibenzofuran	0.049	0.049	0.062	78	79	60-130	0.852	30
Di-n-butyl Phthalate	0.053	0.055	0.062	85	88	60-130	3.34	30
1,2-Dichlorobenzene	1.2	1.2	1.25	94	96	60-130	2.11	30
1,3-Dichlorobenzene	1.1	1.1	1.25	88	90	60-130	2.23	30
1,4-Dichlorobenzene	1.1	1.1	1.25	89	89	60-130	0.498	30
3,3-Dichlorobenzidine	0.030	0.030	0.062	48	49	40-130	1.99	30
2,4-Dichlorophenol	0.060	0.062	0.062	96	99	60-130	3.40	30
Diethyl Phthalate	0.042	0.042	0.062	68	68	60-130	0.510	30
2,4-Dimethylphenol	1.2	1.2	1.25	96	98	60-130	1.74	30
Dimethyl Phthalate	0.053	0.054	0.062	85	87	60-130	1.77	30
4,6-Dinitro-2-methylphenol	7.5	8.0	6.25	120	127	30-130	5.71	30

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Prepared:	12/29/2023	**BatchID:**	285016
Date Analyzed:	01/02/2024	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-285016

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	1.4	1.5	1.25	109	116	15-130	6.76	30
2,4-Dinitrotoluene	0.074	0.076	0.062	119	121	60-130	2.24	30
2,6-Dinitrotoluene	0.070	0.073	0.062	112	116	60-130	3.42	30
Di-n-octyl Phthalate	1.3	1.4	1.25	102	109	60-130	6.14	30
1,2-Diphenylhydrazine	1.1	1.1	1.25	88	91	60-130	3.25	30
Fluoranthene	0.048	0.049	0.062	77	79	60-130	2.52	30
Fluorene	0.051	0.052	0.062	81	83	60-130	2.05	30
Hexachlorobenzene	0.066	0.067	0.062	105	108	60-130	2.06	30
Hexachlorobutadiene	0.060	0.061	0.062	96	98	60-130	1.77	30
Hexachlorocyclopentadiene	3.6	3.9	6.25	58	62	40-130	7.35	30
Hexachloroethane	0.053	0.055	0.062	85	88	60-130	3.58	30
Indeno (1,2,3-cd) pyrene	0.050	0.050	0.062	79	79	60-130	0.233	30
Isophorone	0.86	0.88	1.25	69	71	60-130	2.25	30
1-Methylnaphthalene	0.054	0.055	0.062	86	88	60-130	2.31	30
2-Methylnaphthalene	0.056	0.058	0.062	89	93	60-130	4.09	30
2-Methylphenol (o-Cresol)	1.1	1.2	1.25	91	98	60-130	7.50	30
3 & 4-Methylphenol (m,p-Cresol)	1.2	1.1	1.25	95	92	60-130	3.23	30
Naphthalene	0.057	0.058	0.062	91	93	60-130	1.76	30
2-Nitroaniline	5.8	5.9	6.25	92	94	60-130	2.22	30
3-Nitroaniline	4.8	4.4	6.25	77	70	30-130	9.24	30
4-Nitroaniline	5.5	5.5	6.25	88	88	60-130	0.340	30
Nitrobenzene	1.3	1.3	1.25	106	107	60-130	1.10	30
2-Nitrophenol	7.0	7.4	6.25	113	119	60-130	5.37	30
4-Nitrophenol	5.5	5.3	6.25	88	85	60-130	3.35	30
N-Nitrosodimethylamine	4.9	5.1	6.25	79	81	60-130	2.85	30
N-Nitrosodi-n-propylamine	0.97	1.0	1.25	78	81	60-130	3.25	30
N-Nitrosodiphenylamine	1.1	1.1	1.25	89	91	60-130	2.25	30
Pentachlorophenol	0.32	0.34	0.31	104	109	40-130	4.56	30
Phenanthrene	0.055	0.056	0.062	87	90	60-130	2.60	30
Phenol	0.21	0.21	0.25	82	84	60-130	1.86	30
Pyrene	0.055	0.058	0.062	89	93	60-130	4.72	30
Pyridine	0.79	0.79	1.25	63	64	30-130	0.984	30
2,3,4,6-Tetrachlorophenol	1.3	1.3	1.25	102	103	60-130	0.885	30
1,2,4-Trichlorobenzene	1.2	1.2	1.25	93	95	60-130	2.97	30
2,4,5-Trichlorophenol	0.059	0.060	0.062	94	97	60-130	2.89	30
2,4,6-Trichlorophenol	0.049	0.049	0.062	79	78	60-130	1.18	30

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1534 Willow Pass Road, Pittsburg, CA 94565-1701
Toll Free Telephone: (877) 252-9262 / Fax: (925) 252-9269
http://www.mccampbell.com / E-mail: main@mccampbell.com

Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Prepared:	12/29/2023	**BatchID:**	285016
Date Analyzed:	01/02/2024	**Extraction Method:**	SW3550B/3640A
Instrument:	GC17	**Analytical Method:**	SW8270E
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-285016

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	1.3	1.2	1.25	102	94	60-130	8.13	30
Phenol-d5	1.2	1.1	1.25	97	91	60-130	6.03	30
Nitrobenzene-d5	1.5	1.5	1.25	123	122	60-130	0.842	30
2-Fluorobiphenyl	1.2	1.1	1.25	92	87	60-130	5.68	30
2,4,6-Tribromophenol	1.2	1.1	1.25	96	90	50-130	6.21	30
4-Terphenyl-d14	1.3	1.3	1.25	105	103	50-130	1.78	30

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Prepared:	01/02/2024	**BatchID:**	285044
Date Analyzed:	01/02/2024	**Extraction Method:**	SW3050B
Instrument:	ICP-MS5	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-285044

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	480			500	97	70-130

(Cont.)

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Prepared:	01/02/2024	**BatchID:**	285044
Date Analyzed:	01/02/2024	**Extraction Method:**	SW3050B
Instrument:	ICP-MS5	**Analytical Method:**	SW6020
Matrix:	Soil	**Unit:**	mg/kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-285044

QC Summary Report for Metals

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
Antimony	47	46	50	94	93	75-125	1.75	20
Arsenic	49	49	50	97	97	75-125	0.117	20
Barium	510	490	500	101	99	75-125	2.79	20
Beryllium	48	48	50	96	96	75-125	0.274	20
Cadmium	49	49	50	97	98	75-125	1.19	20
Chromium	48	49	50	97	97	75-125	0.377	20
Cobalt	49	49	50	98	98	75-125	0.773	20
Copper	49	49	50	99	99	75-125	0.265	20
Lead	50	49	50	100	98	75-125	2.35	20
Mercury	1.2	1.2	1.25	98	99	75-125	1.38	20
Molybdenum	48	47	50	97	95	75-125	1.90	20
Nickel	49	49	50	98	98	75-125	0.409	20
Selenium	49	49	50	98	98	75-125	0.865	20
Silver	48	47	50	95	94	75-125	1.46	20
Thallium	51	50	50	102	101	75-125	1.04	20
Vanadium	48	49	50	96	97	75-125	1.39	20
Zinc	490	490	500	98	97	75-125	0.184	20
Surrogate Recovery								
Terbium	520	500	500	103	99	70-130	3.78	20

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Prepared:	12/28/2023	**BatchID:**	284969
Date Analyzed:	12/29/2023	**Extraction Method:**	SW5035
Instrument:	GC7	**Analytical Method:**	SW8021B/8015Bm
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-284969

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	0.10			0.1	104	75-134

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH(btex)	0.59	0.58	0.60	98	97	82-118	0.640	20
MTBE	0.066	0.072	0.10	66	73	61-119	8.95	20
Benzene	0.096	0.095	0.10	96	95	77-128	1.17	20
Toluene	0.099	0.098	0.10	99	98	74-132	1.06	20
Ethylbenzene	0.10	0.10	0.10	102	104	84-127	1.97	20
m,p-Xylene	0.21	0.21	0.20	104	105	80-120	1.46	20
o-Xylene	0.11	0.11	0.10	105	109	80-120	3.82	20
Surrogate Recovery								
2-Fluorotoluene	0.10	0.10	0.10	102	104	75-134	1.20	20

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Quality Control Report

Client:	ACC Environmental Consultants, Inc.	**WorkOrder:**	2312K29
Date Prepared:	12/28/2023	**BatchID:**	284966
Date Analyzed:	12/30/2023	**Extraction Method:**	SW3550B
Instrument:	GC39B	**Analytical Method:**	SW8015B
Matrix:	Soil	**Unit:**	mg/Kg
Project:	3029-331-00; Piedmont Ave ES	**Sample ID:**	MB/LCS/LCSD-284966

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	95	70-130

Analyte	LCS Result	LCSD Result	SPK Val	LCS %REC	LCSD %REC	LCS/LCSD Limits	RPD	RPD Limit
TPH-Diesel (C10-C23)	44	45	40	111	112	70-130	0.821	20
Surrogate Recovery								
C9	24	25	25	98	101	70-130	3.32	20

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CHAIN-OF-CUSTODY RECORD

WorkOrder: 2312K29 **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: 3029-331-00; Piedmont Ave ES

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: **12/28/2023**
Date Logged: **12/28/2023**

Lab ID	ClientSampID	Matrix	Collection Date	Hold	Requested Tests (See legend below)											
					1	2	3	4	5	6	7	8	9	10	11	12
2312K29-001	ACCB1/2/3/4-0.5	Soil	12/28/2023 08:34	☐	A	A	A	A	A	A	A	A	A	A		

Test Legend:

1	8081pcB_ESL_LL_S	2	8260B_S	3	8270_SCSM_GPC_S	4	CAM17MS_TTLC_S
5	CARB435_400	6	G-MBTEX_S	7	PRDisposal Fee	8	STLC_MSEXTRACTONLY
9	TCLP_MSEXTRACTONLY	10	TPH(DMO)_S	11		12	

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

The following SampID: 001A contains 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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WORK ORDER SUMMARY

Client Name: ACC ENVIRONMENTAL CONSULTANTS, INC. **Project:** 3029-331-00; Piedmont Ave ES **Work Order:** 2312K29

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

Contact's Email: kbunting@accenv.com; isutherland@accenv.com **Comments:** **Date Logged:** 12/28/2023

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

LabID	ClientSampID	Matrix	Test Name	Containers /Composites	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	TCLP Extract and Hold	4 / (4:1)	Stainless Steel tube 2"x6"	☐	☐	☐	12/28/2023 8:34	5 days*	1/5/2024		☐	☐
			STLC Extract and Hold			☐	☐	☐		5 days*	1/5/2024		☐	☐
			Multi-Range TPH Gas, Diesel, and Motor Oil			☐	☐	☐		5 days	1/5/2024		☐	☐
			Asbestos, CARB 435, 400 Point			☐	☐	☐		5 days	1/5/2024		☐	☐
			SW6020 (CAM 17)			☐	☐	☐		5 days	1/5/2024		☐	☐
			SW8270C (Low Level SVOCs) with GPC Cleanup			☐	☐	☐		5 days	1/9/2024		☐	☐
			SW8260B (VOCs)			☐	☐	☐		5 days	1/5/2024		☐	☐
			SW8081/8082 (OC Pesticides+PCBs) Low Level ESLs			☐	☐	☐		5 days	1/9/2024		☐	☐

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.**

General COC

MAI Work Order # 2312K29

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 | 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: 4314 Piedmont Ave ES | Project #: 3029-331-00
Project Location: 4314 Piedmont Ave | PO #
Sampler Signature:

SAMPLE ID Location / Field Point	Sampling Date	Sampling Time	#Containers	Matrix	Preservative
ACCB1-0.5	12/28/23	8:20	1	Soil	Ice
ACCB2-0.5		8:29	1		
ACCB3-0.5		8:38	1		
ACCB4-0.5		8:34	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 624.1 / 624 / 8260 (VOCs)	EPA 625.1 / 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	CARB 435	Stic/TLPO4+Hold
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.

* 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	12/28/23	10:15		12/28/23	1019

Comments / Instructions
4:1 comp
(tubes)

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 12.2 °C Initials
BLUE

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Sample Receipt Checklist

Client Name:	ACC Environmental Consultants, Inc.	Date and Time Received:	12/28/2023 10:19
Project:	3029-331-00; Piedmont Ave ES	Date Logged:	12/28/2023
		Received by:	Agustina Venegas
WorkOrder №:	2312K29 Matrix: Soil	Logged by:	Agustina Venegas
Carrier:	Client Drop-In		

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: BLUE ICE)					
Sample/Temp Blank temperature	Temp: 12.2°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: