LORD & WINTER

October 11, 2024

Crown Enterprises, LLC
12225 Stephens Road
Warren, Michigan 48216

RE: Limited Phase II Site Assessment Report
Portion of Alameda County Parcel 463-25-43-4
2256 Claremont Court, Hayward, California 94545

Dear Mr. Fletcher:

Lord and Winter, LLC (Lord and Winter) is pleased to report to Crown Enterprises, LLC (Client) on the results of a Limited Phase II Site Assessment of a portion of Alameda County Parcel 463-25-43-4 (Subject Property; Figure 1). The results of this report are the opinions of Lord and Winter and represent the opinions of one or more Lord and Winter professionals. Only local, state, and federal agencies can offer regulatory compliance status.

SUMMARY

Lord and Winter conducted a Limited Phase II Site Assessment at the Subject Property on September 17, 2024. The findings of the Phase II are as follows:

Three borings were advanced up to 25 FT and three temporary monitoring wells were installed. Three soil and groundwater samples, and two soil vapor samples were collected from the Subject Property.

From the samples analyzed, Arsenic and Cadmium in groundwater exceed screening standards, however there is an incomplete exposure pathway to groundwater. Benzene in soil vapor exceeds screening standards. None of the detected analytes from the soil borings exceeded screening standards. Thallium, from the composite sample of the drill cuttings exceeds Table 1 ESL standards but passes construction worker direct exposure screening levels.

INTRODUCTION

The Subject Property was undeveloped from 1899 – 1982. From 1993 – present, the site was used as a shipping terminal.

The Subject Property has an average elevation of 11.08 FT and has no apparent slope direction. Regional elevations slope SW towards San Fransisco Bay, which is 4.22 miles SW. Ward Creek, which adjoins the Subject Property to the S, flows SW towards the bay. Groundwater is expected to follow regional flow patterns and drain to the SW. The soil encountered on the site is generally a gravely silt, lean clay, a silty sand, and a fine sand.

Recognized Environmental Conditions (RECs) identified during a Phase I Environmental Site Assessment[1] are summarized and referenced below:

- **REC 1:** The Subject Property has a history of operating a UST for the past ±40 years, and there are many UST related violations on record. The facility also has an extensive history of hazardous waste violations on record relating to reporting and storage of hazardous waste. Given the long history of UST usage and the many reported hazardous waste violations, the possibility of an unreported release exists and represents REC 1 in the opinion of Lord and Winter.

- **REC 2:** The upgradient XPO Logistics has a closed federal spill response on record, numerous USTs were once present, at least 5 USTs are currently in use, and a closed LUST is on record for the site in which free product was observed in groundwater. A vehicle maintenance garage is located on the N portion of the site, and would generate petroleum products like waste oils, greases, and solvents. Given the ±56 years of operations, some of which were before environmental regulations were enacted, it is possible that an unreported release may have occurred which could impact the Subject Property and represents REC 2 in the opinion of Lord and Winter.

The objectives of this Limited Phase II Site Assessment are:

1. Determine if RECs identified in the Phase I ESA have resulted in a release to the Subject Property.
2. Has environmental media at the Subject Property been impacted above screening levels set by the San Fransisco Bay Regional Water Quality Control Board?

The suspect source areas, local occurrence, and potential for migration are identified below:

- The former onsite and offsite historical uses have the potential to impact the Subject Property's soil, groundwater, and soil vapor via VOCs, SVOCs, and RCRA Metals.

[1] July 1, 2024, "Phase I Environmental Site Assessment", prepared for Crown Enterprises, LLC by Lord and Winter.

This report generally follows methods set in ASTM 1903-11, "Standard Practice for Environmental Site Assessments: Phase II Environmental Site Assessment Process. The following attachments are included as supporting documentation for the Phase II Site Assessment Report:

Attachment A	Figures
Attachment B	Analytical Tables
Attachment C	Alameda County Water District Work Plan
Attachment D	Conceptual Site Model
Attachment E	Field Logs
Attachment F	Soil and Groundwater Analytical Results
Attachment G	Soil Vapor Analytical Results

COMPLETED SAMPLING PLAN AND RATIONALE

Work on-site was completed on September 17, 2024. The completed scope of work for the Limited Phase II Site Assessment is described below. Three soil, groundwater, and two soil vapor samples were collected from the Subject Property. Sample locations are depicted in Attachment A, and analytical results are included in tables in Attachment B. Field methods can be found in Attachment C.

Individual sample location rationale is listed below:

- B1 was collected on the S portion of the Subject Property to determine if REC 1 has impacted the Site.
- B2 was collected E of the onsite structure to see REC 2 has impacted the Subject Property.
- B3 was collected near the onsite UST to assess REC 1.
- SV1 was collected on the S side of the Subject Property to identify any vapor intrusion risks to the nearby structure.
- SV2 was collected next to the onsite office to assess any vapor intrusion risks to the office.
- All samples collected were from locations which are covered by asphalt.

QUALIFICATIONS

Analytical work and report writing was completed by David Winter, and Jonathan Odekirk, of Lord and Winter, LLC. Joel Greger of Geo-Logic completed the field work. Winter holds a Master of Science in Geology and Geochemistry from Northern Illinois University, a Bachelor of Science Degree from the University of Wisconsin at Eau Claire, is a Certified Hazardous Material Manager (Certification Number 15329), and a Professional Geologist (state of Tennessee #5736). Odekirk holds a Master of Science Degree in Geological/Geotechnical Engineering from The University of Wisconsin Madison and a Bachelor of Science in Geoscience from the University of Wisconsin Green Bay and is a certified Professional Geologist (State of Tennessee #6221). Greger is a certified California Professional Geologist.

RESULTS

Three boreholes (B1, B2, and B3) advanced to 19, 25, and 25 FT Bgs, respectively. Generally, a combination of silty sands, gravels, and clay were encountered beneath the surface. Borings were advanced until groundwater was encountered, and three temporary 1-inch wells were installed with 10 ft of screen. Groundwater was recovered from each boring. The soil logs can be found in Attachment D.

Soil samples were screened for organic vapors using a Photo-Ionization Detector (PID) with a 10.6 eV lamp every foot in the borings. No PID readings were identified from the borings.

Three soil vapor samples were advanced to a depth of 5 FT beneath the surface. A stainless-steel screened tip was exposed to the subsurface with the surface sealed to prevent communication between the two.

Constituents Detected in Environmental Samples

Seven constituents were detected in soil samples: seven RCRA Metal constituents. A Composite sample from the soil cuttings was collected to test for disposal screening standards, and fourteen metals were detected. Fifteen VOC constituents were identified in soil vapor samples. Six constituents were detected in groundwater samples: five metals, and one SVOC.

INTERPRETATIONS

Soil, Groundwater, and Soil Vapor Samples collected at the site were compared to the Tier 1 ESLs set by the San Fransisco Bay Regional Water Quality Control Board set at 1E-06 with a HQ of 1.0. These screening standards are used as a conservative look at a residential property and should be used first when analyzing site data. If exceedances are identified vs the Tier 1 table, a deeper analysis is then conducted by only applying site specific screening standards.

Soil samples identified Arsenic, Thallium, and Vanadium exceeding Tier 1 ESLs. Arsenic exceedances were identified in the three soil samples taken directly from each borehole (up to 5.32 mg/kg), however, these concentrations were less than the state recognized background concentrations (0.6 – 11 mg/kg), and so arsenic in these samples will not be carried forward as a COC. Arsenic (up to 6.83 mg/kg), Thallium (up to 2.33 mg/kg), and Vanadium (up to 46.7 mg/kg) were found to exceed screening standards in the composite sample taken from the drill cuttings collection drum. However, Arsenic and Vanadium were found to be within the state default background concentrations (Vanadium: 39 – 288 mg/kg) and so will not be carried forward as COCs. Thallium was then compared to the site specific noncancer hazard of a construction worker (3.5 mg/kg), where Thallium was found to not exceed screening standards, and so will not be carried forward as a COC.

The Phase I ESA did not identify any process by which these metals would have been introduced into the soil and so are believed to be naturally occurring. To mitigate any future construction direct exposure, workers should wear gloves, avoid direct contact, and use dust control measures.

Soil Vapor samples collected at the site identified Benzene (up to 19 µg/m^3) as exceeding Tier 1 ESLs. The one exceedance was identified in a soil vapor sample collected near the onsite office structure. A site-specific screening standard using the Commercial/Industrial Cancer Risk Screening Standard (14 µg/m^3) was applied, which Benzene still exceeds. As a result, Benzene will be carried forward as a COC for the Subject Property.

Ground Water samples collected at the site identified dissolved Silver (up to 0.00479 mg/L), Arsenic (up to 0.0136 mg/L), and Cadmium (up to 0.00430 mg/L) exceeding Tier 1 ESLs. As a result, site specific screening standards were applied. Silver, Arsenic and Cadmium failed the Aquatic Habitat Goal Level Screening Standards, but these standards are not applicable for the Subject Property. When Silver, Arsenic and Cadmium were compared with the next direct exposure limited screening standard, (Silver: 0.094 mg/L [Tap Water Noncancer Hazard], Cadmium: 0.00004 mg/L [Tap Water Cancer Hazard], and Arsenic: 0.00007 mg/L [Tap Water Noncancer Hazard]), Silver passed the screening standard while Arsenic and Cadmium exceeded. The Phase I ESA did not identify any process from which these constituents would have been introduced into the groundwater, and so these metal concentrations appear to be naturally occurring. Since the first aquifer beneath the site is not utilized by the Subject Property as a drinking water source, there is no threat to human health at the Subject Property and these constituents will not be carried forward as COCs.

Data tables can be found in Attachment B. Laboratory reports can be found in Attachment F (Soil & Groundwater) and Attachment G (Soil Vapor).

COMPLETION STATUS OF OBJECTIVES

The following opinions are offered to address study objectives:

Objective 1:

Have the RECs identified impacted the Subject Property?

- Lord and Winter Opinion: Yes, VOCs were identified in the soil vapor related to the RECs

Objective 2:

Has environmental media been impacted above screening levels set by the San Francisco Bay Regional Water Quality Control Board?

- Lord and Winter Opinion: Yes, Benzene in soil vapor exceeds screening levels at concentrations up to 19 µg/m^3. Arsenic and Cadmium in groundwater exceed screening levels at concentrations up to 0.0136 mg/L and 0.00430 mg/L, respectively.

A Conceptual Site Model (CSM) is a written or illustrated representation of the physical, chemical, and biological processes that control the transport, migration, and potential impacts of contamination to human and ecological receptors. The CSM can be found in Attachment D.

CONCLUSIONS

- Data suggests that Benzene from the soil vapor samples exceeds screening standards.
- Data suggests that Arsenic and Cadmium in groundwater exceed screening standards. However, since there is no direct exposure to groundwater, the exposure pathway is incomplete.
- Data from collected soil samples did not identify any commercial or construction direct exposure exceedances.

Benzene in soil vapor exceeds Tier 1 ESLs, which includes Commercial Cancer Risk Standards set at 14 $\mu g/m^3$. Lord and Winter recommends that indoor air sampling be conducted to determine if indoor air meets regulatory requirements and is less than the Permissible Exposure Level (PEL). The Site Owner may want to consider a best management practice (BMP) to notify workers of subsurface vapors, limit worker exposure, and monitor for Benzene and the lower explosive limit (LEL) while working in any confined spaces. Other business environmental risk decisions may be considered as well to limit exposure.

Lord and Winter is not aware of any requirements to seek regulatory oversight to manage the source of the contamination. Alameda County Public Works permitted the sample borings and stated that the results "should" be reported to them.

After reviewing the expansion plans and communication with the client, the office space will be demolished and rebuilt. Until the new office has been built, the current office area will be used. Since there is no indoor air sampling data, Lord and Winter recommends that a vapor barrier and a passively vented crawl space be incorporated into the future building designs beneath any enclosed areas. Lord and Winter then recommends indoor air samples collection to determine if there is any risk to commercial workers in the new structure.

Groundwater at the Subject Property contained elevated levels of Silver, Arsenic, and Cadmium. Historical uses of both the Subject Property and surrounding properties likely would not have utilized these metals and so are naturally occurring in the opinion of Lord and Winter.

Construction activities at the Subject Property are expected to have excavations of up to 8 FT Bgs. Groundwater was generally encountered at the site around 12 FT Bgs, and so groundwater is not anticipated to be encountered during construction activities. However, if groundwater is encountered, workers should follow BMPs when working around groundwater. These include wearing level D PPE and avoiding direct contact. If pooled groundwater needs to be removed from the site, it should be sampled first and permitted with the local POTW as necessary prior to discharge.

Thank you for the opportunity to work with you. Please feel free to contact us with any questions.

Sincerely,
Lord and Winter

Jonathan Odekirk

Jonathan Odekirk
Project Geologist

Limitations and Disclaimer

Third party use of this report is not authorized. Sample and observation data from this report are location based and may or may not represent the entire site; sampling the entire site would include a more comprehensive sampling plan and increased budget that was not authorized by the Client. The statements, interpretations, and conclusions of this report are the opinions of Lord and Winter and one or more of its staff. Only local, state, and federal agencies can offer regulatory compliance status and therefore the Client is encouraged to confirm opinions found in this report with local, state, or federal agencies as appropriate. This report is subject to all the limitations, terms, and conditions set forth between the Client and Lord and Winter in the signed proposal.

ATTACHMENT A - FIGURES



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Figure 1

Site Location

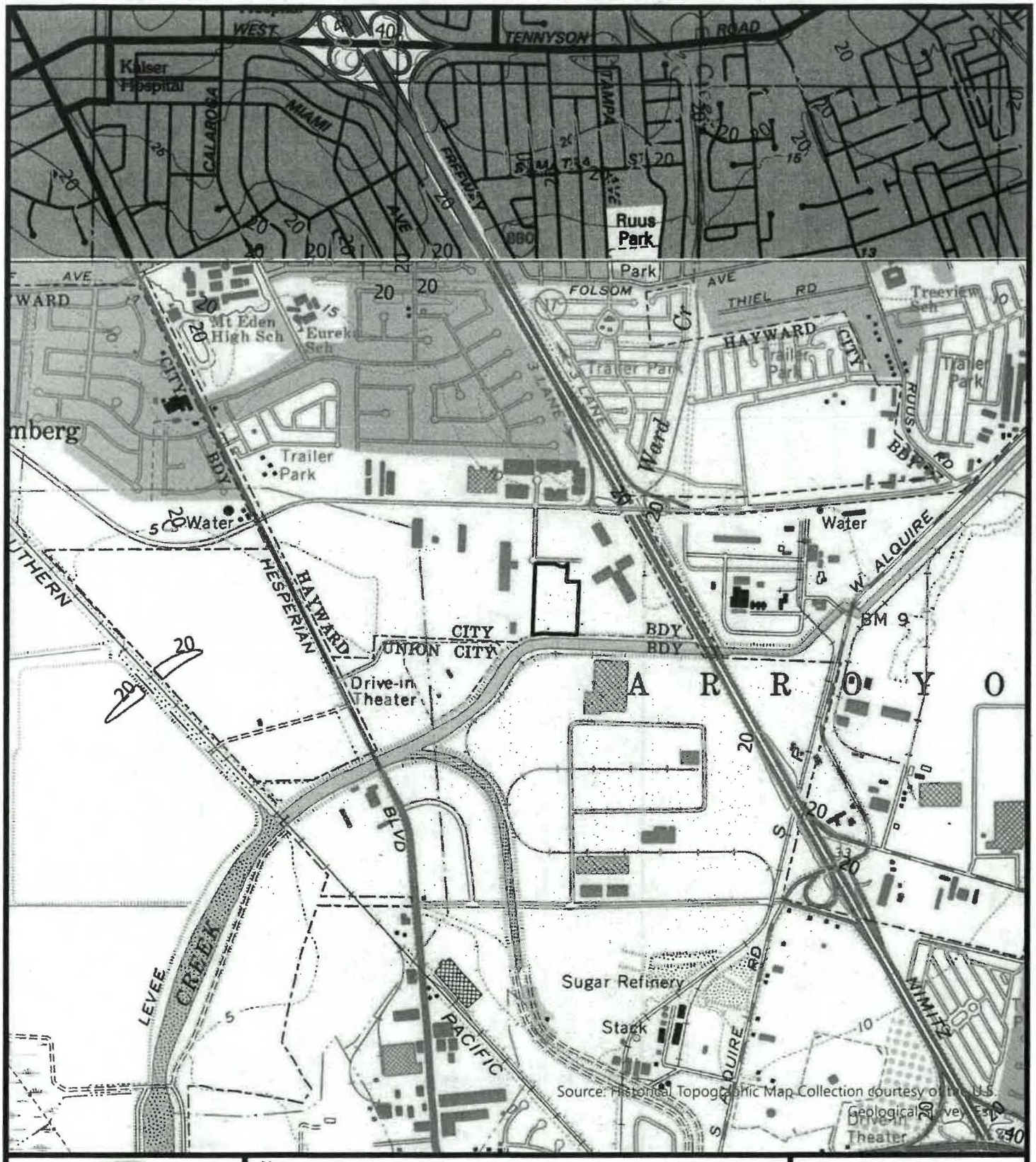
2256 Claremont Ct
Hayward, California

October 2024

0 0.13 0.25 0.5 0.75 Miles

Legend

Parcel Boundaries



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N

Figure 2

Site vs USGS Topo

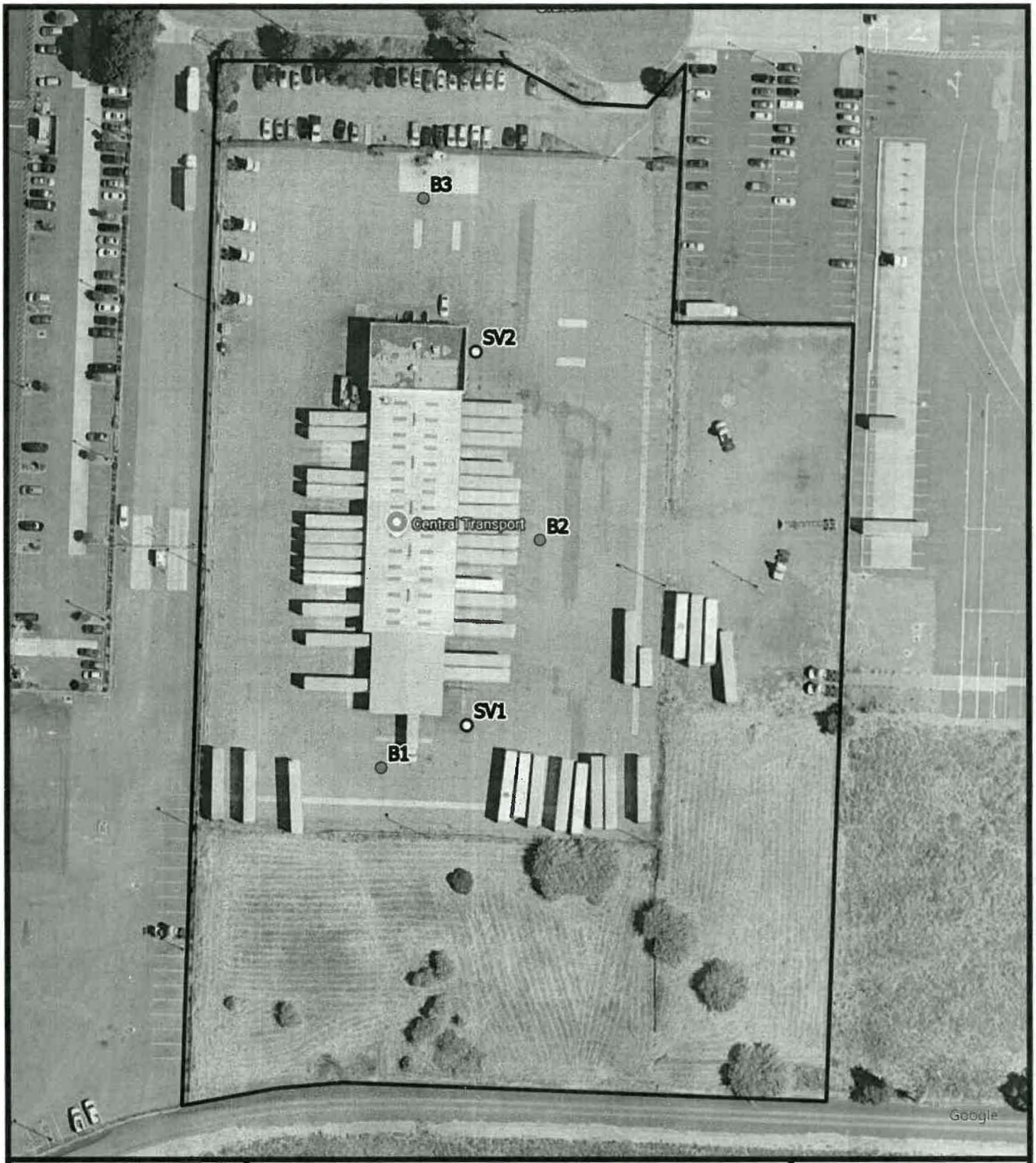
2256 Claremont Ct
Hayward, California

October 2024

0 0.2 0.4 0.8 1.2 Miles

Legend

Parcel Boundaries



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N

Figure 3

Sample Locations

2256 Claremont Ct
Hayward, California

October 2024

0 0.01 0.03 0.06 0.09
Miles

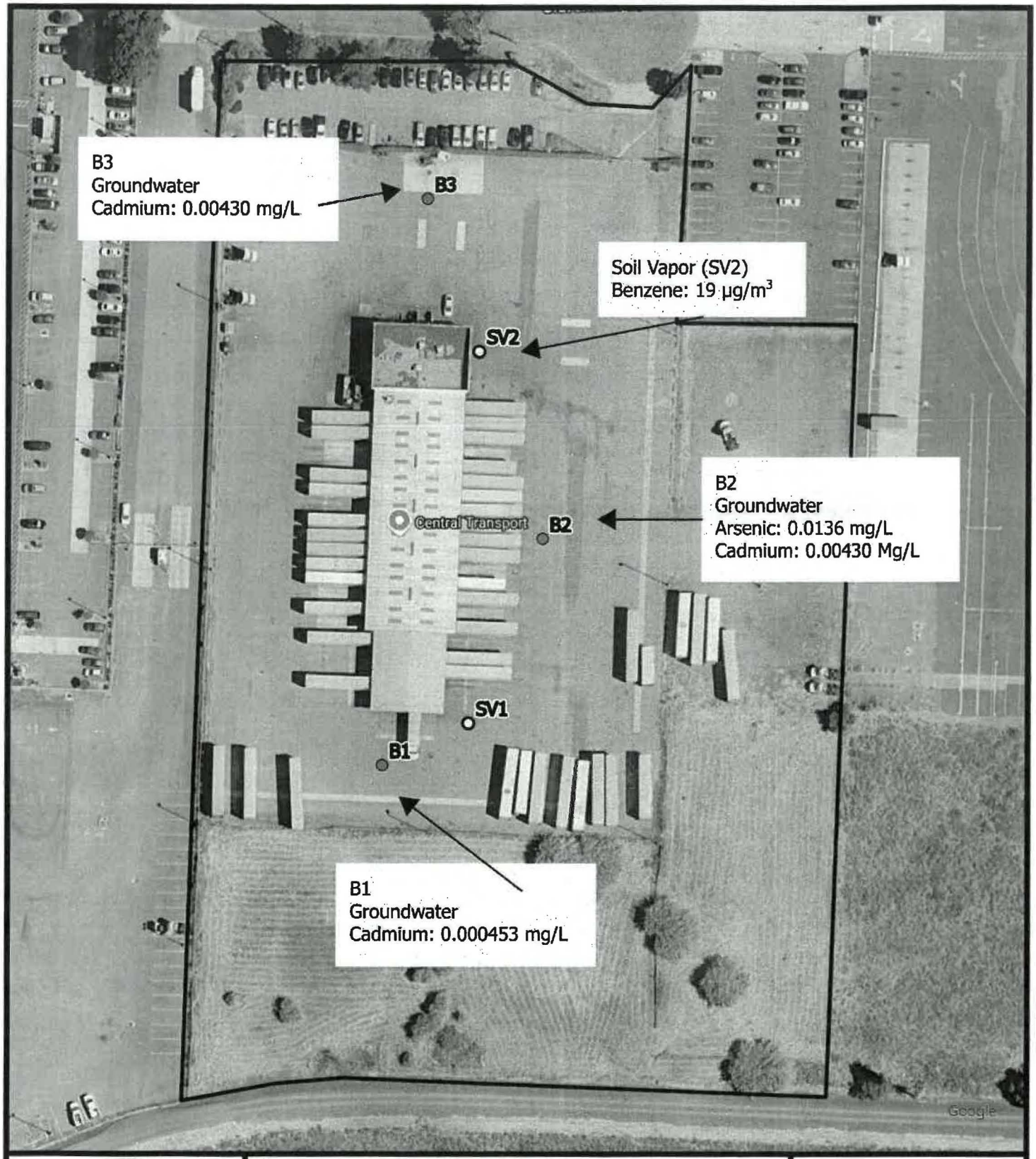
Legend

Parcel Boundaries

SampleType

Soil & GW

Soil Vapor



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N

Figure 4

Sample Exceedances

2256 Claremont Ct
Hayward, California

October 2024

0 0.01 0.03 0.06 0.09 Miles

Legend

Parcel Boundaries

SampleType

- Soil & GW
- Soil Vapor

ATTACHMENT B – ANALYTICAL DATA TABLES

Analyte	CAS#	Units	Specific Method	Statewide Metals Background Concentrations	CA ESLs Tier 1 Soils for May 2020	400-262754-1 B3-14-15 9/17/2024 9:08 AM		400-262754-2 B3-22-23 9/17/2024 10:40 AM		400-262754-3 B1-16-17 9/17/2024 11:58 AM		400-262754-4 COMP-SAMPLE-DISPOSAL 9/17/2024	
						Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Percent Solids	N/A	%	Percent Moisture			82.7		80.8		82.7		81.9	
Percent Moisture	N/A	%	Percent Moisture			17.3		20.0		17.3		18.1	
Mercury	7439-97-6	mg/Kg	Mercury (CVAA)		13	<0.0214		0.0312	J	<0.0189		0.0765	J
Arsenic	7440-38-2	mg/Kg	Metals (ICP)	0.6 - 11	0.067	2.66		3.32		4.36		4.61	
Barium	7440-39-3	mg/Kg	Metals (ICP)	133 - 1400	390	183.	B	47.8	B	138	B	55.4	B
Cadmium	7440-43-9	mg/Kg	Metals (ICP)	0.05 - 1.7	1.9	0.348	J	0.127	J	0.155	J	0.134	J
Chromium	7440-47-3	mg/Kg	Metals (ICP)	23 - 1579	160	27.8		38.1		36.4		35.5	
Lead	7439-92-1	mg/Kg	Metals (ICP)	12.4 - 97.1	32	1.84		4.46		4.81		2.10	
Selenium	7782-49-2	mg/Kg	Metals (ICP)	0.015 - 0.43	2.4	0.638	J	0.478	J	<0.397		0.814	J
Silver	7440-22-4	mg/Kg	Metals (ICP)	0.1 - 8.3	25	<0.0731		<0.0798		<0.0685		<0.0785	
Antimony	7440-36-0	mg/Kg	Metals (ICP)	0.15 - 1.95	11							2.70	
Beryllium	7440-41-7	mg/Kg	Metals (ICP)	0.25 - 2.7	5							<0.0524	
Cobalt	7440-48-4	mg/Kg	Metals (ICP)	2.7 - 46.9	23							17.2	
Copper	7440-50-8	mg/Kg	Metals (ICP)	5.1 - 96.4	180							58.0	
Molybdenum	7439-98-7	mg/Kg	Metals (ICP)	0.1 - 9.6	6.9							<1.447	
Nickel	7440-02-0	mg/Kg	Metals (ICP)	9 - 509	86							23.5	
Thallium	7440-28-0	mg/Kg	Metals (ICP)	0.17 - 1.10	0.78							2.33	
Vanadium	7440-62-2	mg/Kg	Metals (ICP)	39 - 288	38							46.7	
Zinc	7440-66-6	mg/Kg	Metals (ICP)	88 - 736	340							86.9	
Acenaphthene	83-32-9	mg/Kg	SVOCs		12	<0.0389		<0.0399		<0.0393			
Acenaphthylene	208-96-8	mg/Kg	SVOCs		6.4	<0.0389		<0.0399		<0.0393			
Acetophenone	98-86-2	mg/Kg	SVOCs			<0.0389		<0.0399		<0.0393			
Anthracene	120-12-7	mg/Kg	SVOCs		1.9	<0.0389		<0.0399		<0.0393			
Atrazine	1912-24-9	mg/Kg	SVOCs			<0.106		<0.109		<0.107			
Benzaldehyde	100-52-7	mg/Kg	SVOCs			<0.0389		<0.0399		<0.0393			
Benzo[a]anthracene	56-55-3	mg/Kg	SVOCs		0.63	<0.0389		<0.0399		<0.0393			
Benzo[a]pyrene	50-32-8	mg/Kg	SVOCs		0.11	<0.0555		<0.0568		<0.0560			
Benzo[b]fluoranthene	205-99-2	mg/Kg	SVOCs		1.1	<0.117		<0.120		<0.118			
Benzo[g,h,i]perylene	191-24-2	mg/Kg	SVOCs		2.5	<0.130		<0.133		<0.131			
Benzo[k]fluoranthene	207-08-9	mg/Kg	SVOCs		2.8	<0.0920		<0.0943		<0.0929			
1,1'-Biphenyl	92-52-4	mg/Kg	SVOCs		0.42	<0.0389		<0.0399		<0.0393			
Bis(2-chloroethoxy)methane	111-91-1	mg/Kg	SVOCs			<0.0861		<0.0882		<0.0869			
Bis(2-chloroethyl)ether	111-44-4	mg/Kg	SVOCs		3.4E-05	<0.0543		<0.0556		<0.0548			
Bis(2-ethylhexyl) phthalate	117-81-7	mg/Kg	SVOCs		0.8	<0.0956		<0.0979		<0.0965			
4-Bromophenyl phenyl ether	101-55-3	mg/Kg	SVOCs			<0.0389		<0.0399		<0.0393			
Butyl benzyl phthalate	85-68-7	mg/Kg	SVOCs			<0.0838		<0.0858		<0.0846			
Caprolactam	105-60-2	mg/Kg	SVOCs			<0.0991		<0.102		<0.100			
Carbazole	86-74-8	mg/Kg	SVOCs			<0.0389		<0.0399		<0.0393			
4-Chloroaniline	106-47-8	mg/Kg	SVOCs		0.0067	<0.0956		<0.0979		<0.0965			
4-Chloro-3-methylphenol	59-50-7	mg/Kg	SVOCs			<0.0956		<0.0979		<0.0965			
2-Chloronaphthalene	91-58-7	mg/Kg	SVOCs			<0.0389		<0.0399		<0.0393			
2-Chlorophenol	95-57-8	mg/Kg	SVOCs		0.012	<0.0389		<0.0399		<0.0393			
4-Chlorophenyl phenyl ether	7005-72-3	mg/Kg	SVOCs			<0.0389		<0.0399		<0.0393			
Chrysene	218-01-9	mg/Kg	SVOCs		2.2	<0.0389		<0.0399		<0.0393			
Dibenz(a,h)anthracene	53-70-3	mg/Kg	SVOCs		0.11	<0.0673		<0.0689		<0.0679			
Dibenzofuran	132-64-9	mg/Kg	SVOCs			<0.0389		<0.0399		<0.0393			
3,3'-Dichlorobenzidine	91-94-1	mg/Kg	SVOCs		0.025	<0.130		<0.133		<0.131			
2,4-Dichlorophenol	120-83-2	mg/Kg	SVOCs		0.0075	<0.0826		<0.0846		<0.0834			
Diethyl phthalate	84-66-2	mg/Kg	SVOCs		0.025	<0.0589		<0.0599		<0.0591			
2,4-Dimethylphenol	105-67-9	mg/Kg	SVOCs		8.3	<0.111	*+	<0.114	*+	<0.112	*+		
Dimethyl phthalate	131-11-3	mg/Kg	SVOCs		0.035	<0.0589		<0.0599		<0.0591			
Di-n-butyl phthalate	84-74-2	mg/Kg	SVOCs			<0.0389		<0.0399		<0.0393			
4,6-Dinitro-2-methylphenol	534-52-1	mg/Kg	SVOCs			<0.283	F1	<0.290		<0.286			
2,4-Dinitrophenol	51-28-5	mg/Kg	SVOCs		3	<0.347	F1	<0.351		<0.349			
2,4-Dinitrotoluene	121-14-2	mg/Kg	SVOCs		0.023	<0.0389		<0.0399		<0.0393			
2,6-Dinitrotoluene	606-20-2	mg/Kg	SVOCs			<0.0389		<0.0399		<0.0393			
Di-n-octyl phthalate	117-84-0	mg/Kg	SVOCs			<0.142		<0.145		<0.143			
Fluoranthene	206-44-0	mg/Kg	SVOCs		0.69	<0.0389		<0.0399		<0.0393			
Fluorene	86-73-7	mg/Kg	SVOCs		6	<0.0389		<0.0399		<0.0393			
Hexachlorobenzene	118-74-1	mg/Kg	SVOCs		0.0008	<0.118		<0.121		<0.119			
Hexachlorobutadiene	87-68-3	mg/Kg	SVOCs		0.028	<0.0389		<0.0399		<0.0393			
Hexachlorocyclopentadiene	77-47-4	mg/Kg	SVOCs			<0.0779	*+	<0.0798	*+	<0.0786	*+		
Hexachloroethane	67-72-1	mg/Kg	SVOCs		0.019	<0.0826		<0.0846		<0.0834			
Indeno(1,2,3-cd)pyrene	193-39-5	mg/Kg	SVOCs		0.48	<0.0779		<0.0798		<0.0786			
Isophorone	78-59-1	mg/Kg	SVOCs			<0.0791		<0.0810		<0.0798			
2-Methylnaphthalene	91-57-6	mg/Kg	SVOCs		0.88	<0.0389		<0.0399		<0.0393			
2-Methylphenol	95-48-7	mg/Kg	SVOCs			<0.0944		<0.0967		<0.0953			
3 & 4 Methylphenol	15831-10-4	mg/Kg	SVOCs			<0.0909		<0.0931		<0.0917			
Naphthalene	91-20-3	mg/Kg	SVOCs		0.042	<0.0389		<0.0399		<0.0393			
2-Nitroaniline	88-74-4	mg/Kg	SVOCs			<0.0826		<0.0846		<0.0834			
3-Nitroaniline	99-09-2	mg/Kg	SVOCs			<0.0920		<0.0943		<0.0929			
4-Nitroaniline	100-01-6	mg/Kg	SVOCs			<0.133		<0.137		<0.135			
Nitrobenzene	98-95-3	mg/Kg	SVOCs			<0.0389		<0.0399		<0.0393			
2-Nitrophenol	88-75-5	mg/Kg	SVOCs			<0.0389		<0.0399		<0.0393			
4-Nitrophenol	100-02-7	mg/Kg	SVOCs			<0.354		<0.363		<0.357			
N-Nitrosodi-n-propylamine	621-64-7	mg/Kg	SVOCs			<0.124		<0.127		<0.125			
n-Nitrosodiphenylamine(as diphenylamine)	86-30-6	mg/Kg	SVOCs			<0.0389		<0.0399		<0.0393			
2,2'-oxybis(1-chloropropane)	108-60-1	mg/Kg	SVOCs		0.0051	<0.148		<0.152		<0.150			
Pentachlorophenol	87-86-5	mg/Kg	SVOCs		0.013	<0.189		<0.193		<0.191			
Phenanthrene	85-01-8	mg/Kg	SVOCs		7.8	<0.0389		<0.0399		<0.0393			
Phenol	108-95-2	mg/Kg	SVOCs		0.16	<0.105		<0.108		<0.106			
Pyrene	129-00-0	mg/Kg	SVOCs		45	<0.0920		<0.0943		<0.0929			
2,4,5-Trichlorophenol	95-95-4	mg/Kg	SVOCs		2.9	<0.0389		<0.0399		<0.0393			
2,4,6-Trichlorophenol	88-06-2	mg/Kg	SVOCs		0.04	<0.0389		<0.0399		<0.0393			
Benzene	71-43-2	mg/Kg	VOCs		0.025	<0.000802		<0.000845		<0.000790			
Dichlorobromomethane	75-27-4	mg/Kg	VOCs		0.016	<0.00110		<0.00116		<0.00108			
Acetone	67-64-1	mg/Kg	VOCs		0.92	<0.0144		<0.0152		<0.0141			
Bromoform	75-25-2	mg/Kg	VOCs		0.69	<0.00156		<0.00164		<0.00153			
2-Butanone (MEK)	78-93-3	mg/Kg	VOCs		6.1	<0.00718		<0.00758		<0.00707			
Carbon disulfide	75-15-0	mg/Kg	VOCs			<0.00303		<0.00319		<0.00298			
Bromomethane	74-83-9	mg/Kg	VOCs		0.36	<0.00299		<0.00316		<0.00295			
Carbon tetrachloride	56-23-5	mg/Kg	VOCs		0.076	<0.00204		<0.00215		<0.00200			
Chlorobenzene	108-90-7	mg/Kg	VOCs		1.4	<0.00158		<0.00167		<0.00156			
Chloroethane	75-00-3	mg/Kg	VOCs		1.2	<0.00395		<0.00417		<0.00389			
Chloroform	67-66-3	mg/Kg	VOCs		0.029	<0.00163		<0.00172		<0.00160			
Chloromethane	74-87-3	mg/Kg	VOCs		11	<0.00265		<0.00279		<0.00260			
Chlorodibromomethane	124-48-1	mg/Kg	VOCs		0.35	<0.00144		<0.00152		<0.00141			
1,2-Dibromo-3-Chloropropane	96-12-8	mg/Kg	VOCs		0.00059	<0.00393		<0.00417		<0.00389			
Ethylene Dibromide	106-93-4	mg/Kg	VOCs		0.00053	<0.00120		<0.00126		<0.00118			
1,2-Dichlorobenzene	95-50-1	mg/Kg	VOCs		1	<0.00190		<0.00201		<0.00187			
1,3-Dichlorobenzene	541-73-1	mg/Kg	VOCs		6	<0.00114		<0.00120		<0.00112			
Dichlorodifluoromethane	75-71-8	mg/Kg	VOCs			<0.00475		<0.00501		<0.00468			
1,1-Dichloroethane	75-34-3	mg/Kg	VOCs		0.2	<0.000994		<0.00105		<0.000978			
1,2-Dichloroethane	107-06-2	mg/Kg	VOCs		0.007	<0.00210		<0.00232		<0.00217			
1,1-Dichloroethene	75-35-4	mg/Kg	VOCs		0.54	<0.00251		<0.00265		<0.00247			
cis-1,2-Dichloroethene	156-59-2	mg/Kg	VOCs		0.19	<0.000910		<0.000960		<0.000896			
trans-1,2-Dichloroethene	156-60-5	mg/Kg	VOCs		0.65	<0.00115		<0.00121		<0.00113			
1,2-Dichloropropane	78-87-5	mg/Kg	VOCs		0.065	<0.000910		<0.000960		<0.000896			
cis-1,3-Dichloropropene	10061-01-5	mg/Kg	VOCs			<0.00144		<0.00152		<0.00141			
trans-1,3-Dichloropropene	10061-02-6	mg/Kg	VOCs			<0.00132		<0.00139		<0.00130			
Ethylbenzene	100-41-4	mg/Kg	VOCs		0.43	<0.000730		<0.000770		<0.000719			
2-Hexanone	591-78-6	mg/Kg	VOCs			<0.00599		<0.00631		<0.00589			
Isopropylbenzene	98-82-8	mg/Kg	VOCs			<0.000814		<0.000859		<0.000801			
Methyl acetate	79-20-9	mg/Kg	VOCs			<0.00551		<0.00581		<0.00542			
Methylene Chloride	75-09-2	mg/Kg	VOCs		0.12	<0.0120		<0.0126		<0.0118			
Methylcyclohexane	108-87-2	mg/Kg	VOCs			<0.00177		<0.00187		<0.00174			
Methyl tert-butyl ether	1634-04-4	mg/Kg	VOCs		0.028	<0.00120		<0.00126		<0.00118			
4-Methyl-2-pentanone (MIBK)	108-10-1	mg/Kg	VOCs		0.56	<0.0161		<0.0170		<0.0158			
Styrene	100-42-5	mg/Kg	VOCs		0.92	<0.00120		<0.00126		<0.00118			
1,1,2,2-Tetrachloroethane	79-34-5	mg/Kg	VOCs		0.018	<0.00206		<0.00217		<0.00203			
Tetrachloroethene	127-18-4	mg/Kg	VOCs		0.08	<0.00359		<0.00379		<0.00354			
Toluene	108-88-3	mg/Kg	VOCs		9.2	<0.00120		<0.00126		<0.00118			
Trichloroethene	79-01-6	mg/Kg	VOCs		0.085	<0.00120		<0.00126		<0.00118			
Trichlorofluoromethane	75-69-4	mg/Kg	VOCs			<0.00290		<0.00306		<0.00285			
1,1,1-Trichloroethane	71-55-6	mg/Kg	VOCs		7	<0.00132		<0.00139		<0.00130			
1,1,2-Trichloroethane	79-00-5	mg/Kg	VOCs		0.076	<0.00193		<0.00203		<0.00190			
Vinyl chloride	75-01-4	mg/Kg	VOCs		0.0015	<0.00261		<0.00275		<0.00257			
Xylenes, Total	1330-20-7	mg/Kg	VOCs		2.1	<0.00718		<0.00758		<0.00707			
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	mg/Kg	VOCs			<0.00225		<0.00237		<0.00222			
1,4-Dichlorobenzene	106-46-7	mg/Kg	VOCs		0.2	<0.00103		<0.00109		<0.00101			
1,2,3-Trichlorobenzene	87-61-6	mg/Kg	VOCs			<0.00132	*+	<0.00139	*+	<0.00130	*+		
Chlorobromomethane	74-97-5	mg/Kg	VOCs			<0.000970		<0.00102		<0.000955			
Cyclohexane	110-82-7	mg/Kg	VOCs			<0.00113		<0.00119		<0.00111			
1,2,4-Trichlorobenzene	120-82-1	mg/Kg	VOCs		1.2	<0.00241	*+	<0.00254	*+	<0.00237	*+		

*Qualifiers: J - The reported value is estimated as it is between the lab's lower detection limit and reporting limit. *Units: mg/Kg - Milligrams/Kilogram, % - Percent; *Reports To: LL - Lower Limit*

Constituent Exceeds Screening Standard

Lab Detection Limits Are Greater Than Screening Standards

Analyte Was Detected But Did Not Exceed Screening Standards

Analyte	CAS#	Units	Specific Method	Tier 1 ESLs Subslab / Soil Gas	140-38578-1 SV1 9/17/2024 1:12 PM		140-38578-2 SV2 9/17/2024 2:25 PM	
					Result	Qualifier	Result	Qualifier
Helium	7440-59-7	% v/v	Fixed Gases		<0.15		<0.14	
1,1,1-Trichloroethane	71-55-6	ug/m3	VOCs	35,000.00	<3.9		<3.9	
1,1,2,2-Tetrachloroethane	79-34-5	ug/m3	VOCs	1.60	<2.4		<2.4	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/m3	VOCs		<1.8		<1.8	
1,1,2-Trichloroethane	79-00-5	ug/m3	VOCs	5.80	<2.1		<2.1	
1,1-Dichloroethane	75-34-3	ug/m3	VOCs	58.00	<1.1		<1.1	
1,1-Dichloroethene	75-35-4	ug/m3	VOCs	2,400.00	<1.3		<1.3	
1,2,4-Trichlorobenzene	120-82-1	ug/m3	VOCs	70.00	<6.6		<6.6	
1,2,4-Trimethylbenzene	95-63-6	ug/m3	VOCs		<2.5		3.5	J
1,2-Dichloro-1,1,2,2-tetrafluoroethane	76-14-2	ug/m3	VOCs		<2.1		<2.1	
1,2-Dichlorobenzene	95-50-1	ug/m3	VOCs	7,000.00	<4.7		<4.7	
1,2-Dichloroethane	107-06-2	ug/m3	VOCs	3.60	<1.0		<1.0	
1,2-Dichloropropane	78-87-5	ug/m3	VOCs	9.40	<1.2		<1.2	
1,3,5-Trimethylbenzene	108-67-8	ug/m3	VOCs		<7.9		<7.9	
1,3-Dichlorobenzene	541-73-1	ug/m3	VOCs		<2.4		<2.4	
1,4-Dichlorobenzene	106-46-7	ug/m3	VOCs	8.50	<2.4		<2.4	
1,4-Dioxane	123-91-1	ug/m3	VOCs	12.00	<2.7		<2.7	
2-Butanone (MEK)	78-93-3	ug/m3	VOCs	170,000.00	14	J	160	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/m3	VOCs	14,000.00	34	J	30	J
Acetone	67-64-1	ug/m3	VOCs	1,000,000.00	96	J	510	
Benzene	71-43-2	ug/m3	VOCs	3.20	2.8	J	19	
Benzyl chloride	100-44-7	ug/m3	VOCs		<4.9		<4.9	
Bromoform	75-25-2	ug/m3	VOCs	85.00	<6.8		<6.8	
Bromomethane	74-83-9	ug/m3	VOCs	170.00	<2.1	*+	<2.1	*+
Carbon disulfide	75-15-0	ug/m3	VOCs		3.2	J	21	
Carbon tetrachloride	56-23-5	ug/m3	VOCs	16.00	<2.0		<2.0	
Chlorobenzene	108-90-7	ug/m3	VOCs	1,700.00	<2.6		<2.6	
Dibromochloromethane	124-48-1	ug/m3	VOCs		<2.9		<2.9	
Chloroethane	75-00-3	ug/m3	VOCs	350,000.00	<2.1	*+	<2.1	*+
Chloroform	67-66-3	ug/m3	VOCs	4.10	3.0	J	<1.8	
Chloromethane	74-87-3	ug/m3	VOCs	3,100.00	<3.3		<3.3	
cis-1,2-Dichloroethene	156-59-2	ug/m3	VOCs	280.00	<0.99		<0.99	
cis-1,3-Dichloropropene	10061-01-5	ug/m3	VOCs		<2.2		<2.2	
Cyclohexane	110-82-7	ug/m3	VOCs		<3.2		120	
Bromodichloromethane	75-27-4	ug/m3	VOCs		<2.9		<2.9	
Dichlorodifluoromethane	75-71-8	ug/m3	VOCs		2.2	J	<1.7	
Ethylbenzene	100-41-4	ug/m3	VOCs	37.00	<1.4		2.3	J
1,2-Dibromoethane (EDB)	106-93-4	ug/m3	VOCs	0.16	<2.4		<2.4	
Hexachlorobutadiene	87-68-3	ug/m3	VOCs	4.30	<8.5		<8.5	
Hexane	110-54-3	ug/m3	VOCs		2.6	J	20	J
Isopropyl alcohol	67-63-0	ug/m3	VOCs		6.4	J	9.7	J
Isopropylbenzene	98-82-8	ug/m3	VOCs		<2.1		<2.1	
m-Xylene & p-Xylene	179601-23-1	ug/m3	VOCs	3,500.00	4.3	J	7.8	J
Methyl tert-butyl ether	1634-04-4	ug/m3	VOCs	360.00	<4.7		<4.7	
Methylene Chloride	75-09-2	ug/m3	VOCs	34.00	<12		<12	
Naphthalene	91-20-3	ug/m3	VOCs	2.80	<5.2		<5.2	
o-Xylene	95-47-6	ug/m3	VOCs	3,500.00	2.2	J	4.8	J
Styrene	100-42-5	ug/m3	VOCs	31,000.00	<2.6		<2.6	
Tetrachloroethene	127-18-4	ug/m3	VOCs	15.00	<2.0		<2.0	
Tetrahydrofuran	109-99-9	ug/m3	VOCs		<5.3		<5.3	
Toluene	108-88-3	ug/m3	VOCs	10,000.00	6.4	J	11	J
trans-1,2-Dichloroethene	156-60-5	ug/m3	VOCs	2,800.00	<1.3		<1.3	
trans-1,3-Dichloropropene	10061-02-6	ug/m3	VOCs		<2.2		<2.2	
Trichloroethene	79-01-6	ug/m3	VOCs	16.00	<1.8		<1.8	
Trichlorofluoromethane	75-69-4	ug/m3	VOCs		<1.6		<1.6	
Vinyl acetate	108-05-4	ug/m3	VOCs		<2.5		<2.5	
Vinyl bromide	593-60-2	ug/m3	VOCs		<2.2		<2.2	
Vinyl chloride	75-01-4	ug/m3	VOCs	0.32	<1.7		<1.7	

*Qualifier: J - The reported value is estimated as-is is between the lab's lower detection limit and reporting limit. *Units: % v/v - Percent volume/volume, ug/m3 - Microgram/Cubic meters; *Reports To: LL - Lower Limit, UL - Upper Limit*

Constituent Exceeds Screening Standard
Lab Detection Limits Are Greater Than Screening Standards
Analyte Was Detected But Did Not Exceed Screening Standard

Analyte	CAS#	Units	Specific Method	CA ESLs Tier 1 Groundwaters R2 May2020	400-262754-7 B1 9/17/2024 11:52 AM		400-262754-6 B2 9/17/2024 10:40 AM		400-262754-5 B3 9/17/2024 9:36 AM		400-262754-8 TRIP BLANKS 9/17/2024 12:00 AM	
					Result	Qualifier	Result	Qualifier	Result	Qualifier	Result	Qualifier
Mercury	7439-97-6	ug/L	Mercury (CVAA)	0.025	<0.130		<0.130		<0.130			
Silver, Dissolved	7440-22-4	mg/L	Metals (ICP)	0.00019	<0.00135		0.00226	J	0.00479	J		
Arsenic, Dissolved	7440-38-2	mg/L	Metals (ICP)	0.01	0.00939	J	0.0136	J	<0.00810			
Barium, Dissolved	7440-39-3	mg/L	Metals (ICP)	1	0.0940	J	0.0544	J	0.122	J		
Cadmium, Dissolved	7440-43-9	mg/L	Metals (ICP)	0.00025	0.000453	J	0.00339	J	0.00430	J		
Chromium, Dissolved	7440-47-3	mg/L	Metals (ICP)	0.05	0.00109	J	0.00989	J	0.00427	J		
Lead, Dissolved	7439-92-1	mg/L	Metals (ICP)	0.0025	<0.00277		<0.00277		<0.00277			
Selenium, Dissolved	7782-49-2	mg/L	Metals (ICP)	0.0005	<0.00596		<0.00596		<0.0119			
Atrazine	1912-24-9	ug/L	SVOCs		<5.83		<5.29		<5.92			
4-Chloro-3-methylphenol	59-50-7	ug/L	SVOCs		<6.18		<5.60		<6.28			
2-Chlorophenol	95-57-8	ug/L	SVOCs	0.18	<4.78		<4.34		<4.86			
2,4-Dichlorophenol	120-83-2	ug/L	SVOCs	0.3	<5.01		<4.55		<5.09			
2,4-Dimethylphenol	105-67-9	ug/L	SVOCs	100	<6.06	*+	<5.50	*+	<6.16	*+		
4,6-Dinitro-2-methylphenol	534-52-1	ug/L	SVOCs		<11.7		<10.6		<11.8			
2,4-Dinitrophenol	51-28-5	ug/L	SVOCs	39	<5.36		<4.86		<5.45			
2-Methylphenol	95-48-7	ug/L	SVOCs		<3.73		<3.38		<3.79			
3 & 4 Methylphenol	15831-10-4	ug/L	SVOCs		<5.36		<4.86		<5.45			
2-Nitrophenol	88-75-5	ug/L	SVOCs		<5.36		<4.86		<5.45			
4-Nitrophenol	100-02-7	ug/L	SVOCs		<3.85		<3.49		<3.91			
Pentachlorophenol	87-86-5	ug/L	SVOCs	1	<13.9		<12.6		<14.1			
Phenol	108-95-2	ug/L	SVOCs	5	<4.90		<4.44		<4.98			
2,4,5-Trichlorophenol	95-95-4	ug/L	SVOCs	11	<4.66		<4.23		<4.74			
2,4,6-Trichlorophenol	88-06-2	ug/L	SVOCs	0.63	<4.08		<3.70		<4.15			
Acetophenone	98-86-2	ug/L	SVOCs		<5.95		<5.39		<6.04			
Benzaldehyde	100-52-7	ug/L	SVOCs		<2.68		<2.43		<2.73			
4-Bromophenyl phenyl ether	101-55-3	ug/L	SVOCs		<10.0		<9.09		<10.2			
Butyl benzyl phthalate	85-68-7	ug/L	SVOCs		<6.76		<6.13		<6.87			
Caprolactam	105-60-2	ug/L	SVOCs		<2.80		<2.54		<2.84			
Carbazole	86-74-8	ug/L	SVOCs		<5.83		<5.29		<5.92			
4-Chloroaniline	106-47-8	ug/L	SVOCs	0.4	<5.48		<4.97		<5.57			
Bis(2-chloroethoxy)methane	111-91-1	ug/L	SVOCs		<5.36		<4.86		<5.45			
Bis(2-chloroethyl)ether	111-44-4	ug/L	SVOCs	0.0063	<4.55		<4.12		<4.62			
2-Chloronaphthalene	91-58-7	ug/L	SVOCs		<4.43		<4.02		<4.50			
4-Chlorophenyl phenyl ether	7005-72-3	ug/L	SVOCs		<4.31		<3.91		<4.38			
Dibenzofuran	132-64-9	ug/L	SVOCs		<4.66		<4.23		<4.74			
Di-n-butyl phthalate	84-74-2	ug/L	SVOCs		32.7	B	26.8	B	34.6	B		
Di-n-octyl phthalate	117-84-0	ug/L	SVOCs		<7.00		<6.35		<7.11			
3,3'-Dichlorobenzidine	91-94-1	ug/L	SVOCs	0.046	<12.8		<11.6		<13.0			
Diethyl phthalate	84-66-2	ug/L	SVOCs	15	<5.19		<4.65		<5.21			
Dimethyl phthalate	131-11-3	ug/L	SVOCs	15	<4.90		<4.44		<4.98			
2,4-Dinitrotoluene	121-14-2	ug/L	SVOCs	0.24	<5.95		<5.39		<6.04			
2,6-Dinitrotoluene	606-20-2	ug/L	SVOCs		<4.55		<4.12		<4.62			
1,1'-Biphenyl	92-52-4	ug/L	SVOCs	0.5	<4.20		<3.81		<4.27			
Bis(2-ethylhexyl) phthalate	117-81-7	ug/L	SVOCs	4	<10.4		<9.41		<10.5			
Hexachlorobenzene	118-74-1	ug/L	SVOCs	0.00077	<11.3		<10.3		<11.5			
Hexachlorobutadiene	87-68-3	ug/L	SVOCs	0.14	<4.31		<3.91		<4.38			
Hexachlorocyclopentadiene	77-47-4	ug/L	SVOCs		<5.25		<4.76		<5.33			
Hexachloroethane	67-72-1	ug/L	SVOCs	0.33	<6.06		<5.50		<6.16			
Isophorone	78-59-1	ug/L	SVOCs		<6.06		<5.50		<6.16			
3-Nitroaniline	99-09-2	ug/L	SVOCs		<5.48		<4.97		<5.57			
4-Nitroaniline	100-01-6	ug/L	SVOCs		<4.78		<4.34		<4.86			
Nitrobenzene	98-95-3	ug/L	SVOCs		<5.48		<4.97		<5.57			
n-Nitrosodiphenylamine(as diphenylamine)	86-30-6	ug/L	SVOCs		<4.31		<3.91		<4.38			
N-Nitrosodi-n-propylamine	621-64-7	ug/L	SVOCs		<2.92		<2.64		<2.96			
2,2'-oxybis(1-chloropropane)	108-60-1	ug/L	SVOCs	0.36	<2.10		<1.90		<2.13			
2-Nitroaniline	88-74-4	ug/L	SVOCs		<5.83		<5.29		<5.92			
Benzene	71-43-2	ug/L	VOCs	0.42	<0.240		<0.240		<0.240		<0.240	
Dichlorobromomethane	75-27-4	ug/L	VOCs	0.87	<0.500		<0.500		<0.500		<0.500	
Acetone	67-64-1	ug/L	VOCs	1500	<10.0	*+	<10.0	*+	<10.0	*+	<10.0	*+
Bromoform	75-25-2	ug/L	VOCs	80	<0.250		<0.250		<0.250		<0.250	
2-Butanone (MEK)	78-93-3	ug/L	VOCs	5600	<2.60	*+	<2.60	*+	<2.60	*+	<2.60	*+
Carbon disulfide	75-15-0	ug/L	VOCs		<0.500		<0.500		<0.500		<0.500	
Bromomethane	74-83-9	ug/L	VOCs	7.5	<0.980		<0.980		<0.980		<0.980	
Carbon tetrachloride	56-23-5	ug/L	VOCs	0.43	<0.190		<0.190		<0.190		<0.190	
Chlorobenzene	108-90-7	ug/L	VOCs	25	<0.420		<0.420		<0.420		<0.420	
Chloroethane	75-00-3	ug/L	VOCs	16	<0.760		<0.760		<0.760		<0.760	
Chloroform	67-66-3	ug/L	VOCs	0.81	<0.900		<0.900		<0.900		<0.900	
Chloromethane	74-87-3	ug/L	VOCs	190	<0.400		<0.400		<0.400		<0.400	
Chlorodibromomethane	124-48-1	ug/L	VOCs	34	<0.240		<0.240		<0.240		<0.240	
1,2-Dibromo-3-Chloropropane	96-12-8	ug/L	VOCs	0.028	<1.50		<1.50		<1.50		<1.50	
Ethylene Dibromide	106-93-4	ug/L	VOCs	0.05	<0.230		<0.230		<0.230		<0.230	
1,2-Dichlorobenzene	95-50-1	ug/L	VOCs	14	<0.500		<0.500		<0.500		<0.500	
1,3-Dichlorobenzene	541-73-1	ug/L	VOCs	65	<0.540		<0.540		<0.540		<0.540	
Dichlorodifluoromethane	75-71-8	ug/L	VOCs		<0.850		<0.850		<0.850		<0.850	
1,1-Dichloroethane	75-34-3	ug/L	VOCs	5	<0.500		<0.500		<0.500		<0.500	
1,2-Dichloroethene	107-06-2	ug/L	VOCs	0.5	<0.550		<0.550		<0.550		<0.550	
1,1-Dichloroethene	75-35-4	ug/L	VOCs	3.2	<0.500		<0.500		<0.500		<0.500	
cis-1,2-Dichloroethene	156-59-2	ug/L	VOCs	6	<0.200		<0.200		<0.200		<0.200	
trans-1,2-Dichloroethene	156-60-5	ug/L	VOCs	10	<0.500		<0.500		<0.500		<0.500	
1,2-Dichloropropane	78-87-5	ug/L	VOCs	2.3	<0.500		<0.500		<0.500		<0.500	
cis-1,3-Dichloropropene	10061-01-5	ug/L	VOCs		<0.500		<0.500		<0.500		<0.500	
trans-1,3-Dichloropropene	10061-02-6	ug/L	VOCs		<0.200		<0.200		<0.200		<0.200	
Ethylbenzene	100-41-4	ug/L	VOCs	3.5	<0.500		<0.500		<0.500		<0.500	
2-Hexanone	591-78-6	ug/L	VOCs		<4.26	*+	<4.26	*+	<4.26	*+	<4.26	*+
Isopropylbenzene	98-82-8	ug/L	VOCs		<0.530		<0.530		<0.530		<0.530	
Methyl acetate	79-20-9	ug/L	VOCs		<0.610		<0.610		<0.610		<0.610	
Methylene Chloride	75-09-2	ug/L	VOCs	5	<3.00		<3.00		<3.00		<3.00	
Methylcyclohexane	108-87-2	ug/L	VOCs		<0.500		<0.500		<0.500		<0.500	
Methyl tert-butyl ether	1634-04-4	ug/L	VOCs	5	<0.220		<0.220		<0.220		<0.220	
4-Methyl-2-pentanone (MIBK)	108-10-1	ug/L	VOCs	120	<1.80		<1.80		<1.80		<1.80	
Styrene	100-42-5	ug/L	VOCs	10	<1.00		<1.00		<1.00		<1.00	
1,1,2,2-Tetrachloroethane	79-34-5	ug/L	VOCs	1	<0.500		<0.500		<0.500		<0.500	
Tetrachloroethene	127-18-4	ug/L	VOCs	0.64	<0.330		<0.330		<0.330		<0.330	
Toluene	108-88-3	ug/L	VOCs	40	<0.900		<0.900		<0.900		<0.900	
Trichloroethene	79-01-6	ug/L	VOCs	1.2	<0.150		<0.150		<0.150		<0.150	
Trichlorofluoromethane	75-69-4	ug/L	VOCs		<0.250		<0.250		<0.250		<0.250	
1,1,1-Trichloroethane	71-55-6	ug/L	VOCs	62	<0.180		<0.180		<0.180		<0.180	
1,1,2-Trichloroethane	79-00-5	ug/L	VOCs	5	<0.210		<0.210		<0.210		<0.210	
Vinyl chloride	75-01-4	ug/L	VOCs	0.0086	<0.500		<0.500		<0.500		<0.500	
Xylenes, Total	1330-20-7	ug/L	VOCs	20	<6.00		<6.00		<6.00		<6.00	
1,1,2-Trichloro-1,2,2-trifluoroethane	76-13-1	ug/L	VOCs		<0.500		<0.500		<0.500		<0.500	
1,4-Dichlorobenzene	106-46-7	ug/L	VOCs	2.6	<0.640		<0.640		<0.640		<0.640	
1,2,3-Trichlorobenzene	87-61-6	ug/L	VOCs		<0.900		<0.900		<0.900		<0.900	
Chlorobromomethane	74-97-5	ug/L	VOCs		<0.520		<0.520		<0.520		<0.520	
Cyclohexane	110-82-7	ug/L	VOCs		<0.240		<0.240		<0.240		<0.240	
1,2,4-Trichlorobenzene	120-82-1	ug/L	VOCs	5	<0.820		<0.820		<0.820		<0.820	

*Qualifier: J - The reported value is estimated as-is is between the lab's lower detection limit and reporting limit. *Units: ug/L - Micrograms/Liter, mg/L - Milligrams/Liter; *Reports To: LL - Lower Limit

Constituent Exceeds Screening Standard
Lab Detection Limits Are Greater Than Screening Standards
Analyte Was Detected But Did Not Exceed Screening Standards

ATTACHMENT C – ALAMEDA COUNTY WATER DISTRICT WORK PLAN

September 10, 2024

Eileen Chen
Hydrogeologist
Alameda County Water District Groundwater Resources
43885 S Grimmer Blvd
Fremont, California 94538

Scope of work for Site Investigation Activities
Central Transport, LLC
2256 Claremont Court
Hayward California 94545

Dear Ms. Chen:

Lord and Winter, on behalf of Crown Enterprises, LLC, hereby submits the proposed plan for an environmental site investigation at the Central Transport Facility, located at 2256 Claremont Court, Hayward, California 94545 in Alameda County, Parcel 463-25-43-4 (referred to as the Subject Property). The purpose of this investigation is to satisfy environmental due diligence requirements for the client.

The Subject Property is currently a Central Transport, LLC trucking facility. The N portion of the Subject Property is paved with an office structure attached to the shipping terminal. A single 10,000 gallon diesel UST is present in the N portion of the Site. The southern portion of the property s an undeveloped grass field.

A Phase I Environmental Site Assessment (ESA) was conducted for the Subject Property dated July 1, 2024[1]. Two Recognized Environmental Conditions were identified in the report.

- REC 1: The Subject Property has a history of operating a UST for the past ±40 years, and there are many UST related violations on record. The facility also has an extensive history of hazardous waste violations on record relating to reporting and storage of hazardous waste. Given the long history of UST usage and the many reported hazardous waste violations, the possibility of an unreported release exists and represents REC 1 in the opinion of Lord and Winter.
- REC 2: The upgradient XPO Logistics has a closed federal spill response on record, numerous USTs were once present, at least 5 USTs are currently in use, and a closed LUST is on record for the site in which free product was observed in groundwater. A vehicle maintenance garage is located on the N portion of the site, and would generate petroleum products like waste oils, greases, and solvents. Given the ±56 years of operations, some of which were before

[1] July 1, 2024, "Phase I Environmental Site Assessment", prepared for Crown Enterprises, LLC by Lord and Winter LLC.

environmental regulations were enacted, it is possible that an unreported release may have occurred which could impact the Subject Property and represents REC 2 in the opinion of Lord and Winter.

As a result of the Phase I ESA, this Environmental Site Investigation is being conducted to determine if the RECs identified have impacted the Subject Property.

PROPOSED SCOPE OF WORK AND PROCEDURES

The proposed Scope of Work includes the following (Figure 2):

- Installing and sampling soil gas probes at a depth of approximately five feet bgs at two locations (SV1 and SV2.). Completing deeper borings and sampling soil and groundwater at three locations (B1 through B3).
- All of the boring locations have been marked with white paint. A utility locater, GPRS, was brought on site to screen the locations for potential utility conflicts. Work will be conducted under a Site-Specific Health and Safety Plan (HASP) prepared prior to the onset of the field investigation. The HASP will be reviewed and signed by Site workers and visitors and kept on-Site at all times during field investigation activities. Also, a drilling permit has been obtained from Alameda County Public Works.
- Drilling method – At each location, a state-licensed driller, VTS Drilling of Hayward, will be used to complete the borings (3) or soil vapor probes (2). Depending on utility proximity, the uppermost portion may be hand augered. Following that, the borings will be completed to the total depth with a geoprobe. Borings B1 through B3 will be completed to a depth of 25 feet, or approximately five feet below water, which may be as shallow as ten feet. Soil vapor points SV1 and SV2 will be completed to 5 feet.
- For the three borings, slotted PVC casing will then be placed in the hole to facilitate sampling and insure that the hole remains open. A disposable Teflon bailer will be used to decant groundwater into VOAs. The samples will be labeled and entered on a chain of custody, then placed on ice prior to delivery to the analytical laboratory (Eurofins). For soil, a PID will be used to screen the continuously cored soils. Samples selected for analyses will be cut from the liner and the ends capped with Teflon and plastic caps. The samples will then be labeled and handled as described above.
- For the soil vapor sampling, a sand pack will be created from approximately 3 to 5 feet below grade. A sampling tip by ¼" Teflon tubing to the surface will be placed midway within the sand pack. 6 inches of dry granular bentonite will be placed from 2.5 to 3 feet below grade. A hydrated bentonite slurry will then be placed up to the surface. After the required equilibration and leak testing of the manifold, the temporary sampling point will be purged of approximately 3 volumes and then sampled. The soil gas samples will be collected in accordance to Department of Toxic Substances Control's Advisory Active Soil Gas Investigation (2015) guidance document.
- While ACWD requires a minimum annular space of two inches and therefore a borehole of 4.5 inches for soil vapor wells, SV1 and SV2 are temporary sampling points that will be

properly destroyed the same day. All of the borings will be sealed with neat cement grout, coordinating with Alameda County Public Works for inspection. The slotted casing placed in the deeper borings can be used to place the grout by tremmie.

- Laboratory analyses to be performed by Eurofins, a California certified laboratory, include the following: The soil vapor samples will be analyzed for VOCs using EPA Method TO-15. Soil and Groundwater Samples will be analyzed for VOCs, PAHs, and RCRA Metals using EPA Methods 8260D, 8270E, and 6010D/7471B respectively.
- A significant quantity of investigation-derived waste (IDW) is not expected to be generated. Soils generated during installation of the soil vapor probes will be containerized in a 55-gallon drum, sampled, and disposed accordingly. Per ACPW permit, the uppermost two to three feet, assuming not contaminated, will be filled with native soil.
- Decontamination procedures – the drilling rods will be washed and triple rinsed between uses to avoid cross-contamination between locations.
- A copy of the final investigation report or analytical lab report should be submitted to ACWD

Soil gas field procedures are presented as an attachment to this document. Work will be performed under the direction of a California Professional Geologist. Drilling activities will be conducted by a State of California-licensed C-57 driller. Laboratory analyses of soil vapor and air samples will be conducted by a State of California-Certified laboratory. Soil vapor samples will be analyzed for VOCs using EPA Method TO-15 for comparison to SFBRWQCB ESLs for commercial use (SFBRWQCB, 2019 Rev2).[2] A report of findings and recommendations will be prepared and submitted for your review.

Respectfully,



Jonathan Odekirk

Jonathan Odekirk
Project Geologist
Lord and Winter, LLC

Joel G. Greger – CEG #1633

FIGURES

Figure 1 – Site Plan with Proposed Soil Vapor Sample and Boring Locations

ATTACHMENT – FIELD PROCEDURES

At each location, vapor in the pins will be allowed to equilibrate a minimum of two hours prior to sampling. Clean manifolds provided by the laboratory will be connected to the sampling port. A shut-in test, leak test, and purge volume test will be performed. Approximately three volumes of air will be evacuated prior to sampling. A flow rate of between 100 and 200 milliliters per minute (ml/min) and a vacuum of less than 100 inches of water will be maintained to minimize stripping of VOCs and to mitigate the potential for dilution of the sample with ambient air. A shroud will be placed over the Vapor Pin®, and helium will be placed inside the shroud to evaluate the potential for leakage.

The soil vapor samples will be collected in 1-liter Summa® canisters (or equivalent) and sent to a California-State Certified laboratory under chain-of-custody for analyses of VOCs using EPA Method TO-15.

Soil Vapor Probe Installations

Soil vapor probes will be installed using the direct-push method (GeoProbe®, or equivalent) by a California-licensed C-57 driller, or by hand augering.

Soil will be collected and logged according to the Unified Soil Classification System (USCS). Soil will be screened in the field for VOCs using a photoionization detector (PID) and recorded on field logs. Shallow vapor probes will be installed to depths of five feet bgs using clean, ¼-inch Teflon tubing attached to a sampling port (or equivalent methodology). Vapor in the pins and probes will be allowed to equilibrate a minimum of two hours prior to sampling.

Soil Vapor Probe Sampling Protocol

Samples will be collected in general accordance with DTSC protocols presented in their July 2015, *Advisory – Active Soil Gas Investigations*. Sampling will not be conducted if significant precipitation (0.5 inches of water in 24 hours) or irrigation near the sampling locations has occurred in the previous five days.

Sampling will be conducted using 1-liter Summa® canisters. Vacuum leak tests will be conducted on the connections between the Summa® canisters and the sampling devices. After a successful vacuum test is verified, purging will be conducted.

A purge canister will be connected to a laboratory-supplied, clean manifold, the purge volume will be calculated, and stagnant air will be removed from the probe tubing. The purge volume is calculated based on the internal volume of the tubing and probe annulus interval. A default of three purge volumes will be used. The soil gas sampling manifold will be equipped with a flow regulator

pre-set to 100 to 200 ml/min, and a laboratory-supplied particulate filter. The time at which purging is terminated will be recorded. The flow rate is kept at greater than 10 ml/min, and the sample vacuum is maintained at less than 10 inches of mercury (Hg), if possible. If low- or no-flow conditions are noted, sampling at that probe will be terminated.

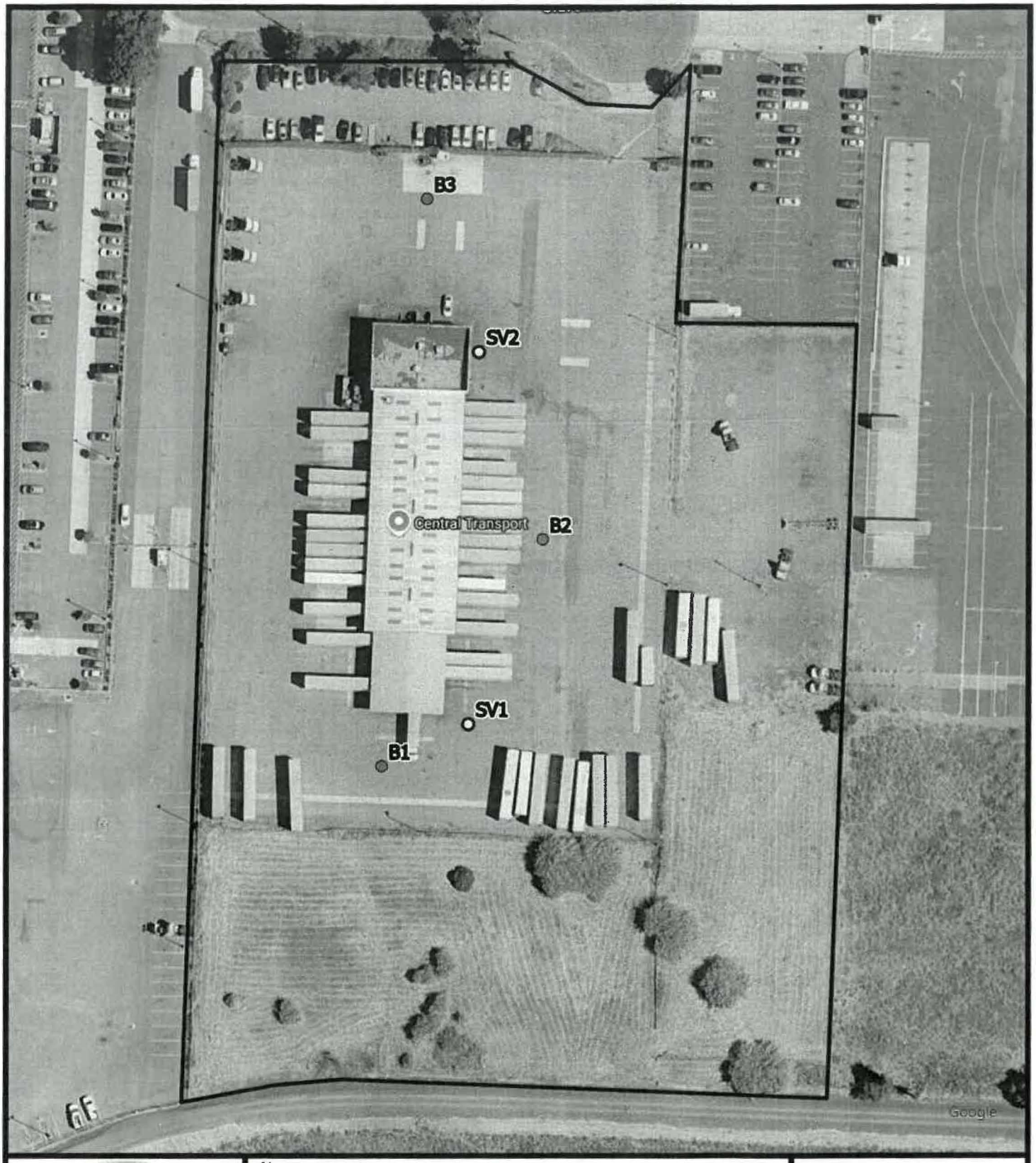
Following purging, a shroud and tracer gas (helium) will be used to evaluate potential air leaks. The Summa® canister valve will be opened to begin sample collection. The time at which sample collection begins is then recorded. The flow-control orifice is maintained at 100 to 200-ml/min and is kept open until the sample Summa® canister pressure gauge indicates approximately five inches of Hg. At that point, the sample canister valve is closed and the time recorded. The tee fitting on the sample canister is replaced with a laboratory-supplied brass plug.

The sample canisters are then labeled and chain-of-custody is maintained by recording: sample name, sample date, sample time, initial and final vacuums, canister and flow controller serial numbers, initials of sample collector, and the compounds to be analyzed by a California State-certified laboratory. The sample canisters are then delivered to the analytical laboratory under chain-of-custody protocols.

SOIL GAS LABORATORY ANALYSES

Soil gas samples will be collected and sent to a California-certified analytical laboratory. The samples will be analyzed for VOCs using EPA Method TO-15.

FIGURES



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N

Figure 1

Boring Locations

2256 Claremont Ct
Hayward, California

September 2024

0 0.01 0.03 0.06 0.09 Miles

Legend

Parcel Boundaries

SampleType

Soil & GW

Soil Vapor

ATTACHMENT D – CONCEPTUAL SITE MODEL

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Conceptual Site Model

Known and Potential Sources	Impacted Media	Contaminants of Concern	Exposure Route	Receptors	
				Current	Future
Sources identified in the Phase I ESA	Soil Vapor	Benzene	Inhalation	Commercial Workers in onsite Office Structure	Commercial Workers in onsite Office Structure
	Soil	None	N/A	N/A	N/A
	Groundwater	Arsenic and Cadmium	Ingestion, Direct Contact	None – There is no complete pathway	None – There is no complete pathway

ATTACHMENT E – FIELD LOGS

Projec Address: 2256 Claremont Ct., Hayward	Project Number:	Lord and Winter	Boring No. SV1
Logged By: Joel Greger	Completed: 9/17/2024		Drill Rig Type: geoprobe
Drill Crew: Vapor Tech Services		Total Depth of Boring: 5	Diameter: 2 1/4"

Depth (feet)	Sample Number	~~Rod Push~~ PID	Lithology
			0-0 4" asphalt over sand & gravel base. Rocks @ 1'
1		0	0-1' dark green clayey silt (ML), sl moist, stiff homogeneous, disturbed?
			1-2' mottled brown silt (ML), sl moist, stiff, occ. angular gravel (fill?)
2		0	
3		0	2-3' mottled brown tan lt. brown sandy silt, sl moist, dense, occ angular gravels to 3" ø (fill) or disturbed native
4		0	3-4' using sad due to rocks & gravel similar to 2-3', moist (fill or disturbed native)
5			4-5' as above occ sewer rocks
			sealed with neat cement grout ACWD witnessed
30			
40			

Completed per Work Plan 9/17

Sealed with neat cement grout with ACWD witnessing

9-17-24 ow 615 VTS 630

GR ~4" asphalt over St G base

@ 1' gray silty clay (CL), moist, soft, massive, homogeneous
becoming clayey silt (ML) @ 1.5' G
scratched w 225° bags

O on PID every 1', TD 5'

b.H 710

sealed with neat cement grout
ACWD witnessed

9889 SF Ave Eden
5895 Christmas Eve

Projec Address: 2256 Claremont Ct., Hayward	Project Number:	Lord and Winter	Boring No. B1
Logged By: Joel Greger	Completed: 9/17/2024		Drill Rig Type: geoprobe
Drill Crew: Vapor Tech Services		Total Depth of Boring: ~~25~~ 19	Diameter: 2 1/4"

Depth (feet)	Sample Number	Rod Push	Lithology
5			4" asph over sand + gravel base 0/' Gray cl silt (ML), sl moist, stiff, homogeneous 0-5' 5' As above than v moist @ 5' Gray 6-7' Tan massive cl silt (ML) 5-9 as above
10			9-12 massive cl silt, as above
			12-15 color change to olive, wet ~~12-15~~ 14-14.5'
15			15-19 As above ex softer 15-17.5 gw est @ 17 [illegible] grey, sampled
	B1-16-17		collected 16-17 1159
20			TD 19'
25			0 on PID every 1' Sealed with neat cement grout ACWD witnessed
30			
40			

Project Address: 2256 Claremont Ct., Hayward	Project Number:	Lord and Winter	Boring No. B2
Logged By: Joel Greger	Completed: 9/17/2024		Drill Rig Type: geoprobe
Drill Crew: Vapor Tech Services		Total Depth of Boring: 25	Diameter: 2 1/4

Depth (feet)	Sample Number	Rod Push	Lithology
0			0' 4" asphalt over sand + gravel base
			1.2' gray clayey silt (ML), moist, shtf
5			2.4' 2", interval of orangish brown gravelly, silty sand (SM) sl moist, dense, then as above to 5'
			5-9' gray cl silt (ML), sl moist, shtf, homogenous. 5-9
10			9-12 - as above, v. uniform, softer 11-11.8' 9-12
			12-15 brown cl silt (ML) as above, softer 14-14.8', no free H2O
15			15-19 as above, color A to lt. olive green @ 18.3'
			19-22 As above exc wet/soft? below 21.5, no free H2O (low permeability)
20			22-25 as above exc damp silty, v fine sand (SM) 23.25', free H2O
	B2-22-23		Soil sampled 22-23' GW 23' 1050
25			B2-22-23 1040
			B (water) 1052 sampled
30			TD 25
40			0 on PID every 1' sealed with grout, 4 cuft grout used

0 every 1' on PID

Projec Address: 2256 Claremont Ct., Hayward	Project Number:	Lord and Winter	Boring No. B3
Logged By: Joel Greger	Completed: 9/17/2024		Drill Rig Type: geoprobe
Drill Crew: Vapor Tech Services		Total Depth of Boring: 25	Diameter: 2 ¼"

Depth (feet)	Sample Number	Rod Push	Lithology
			4" of asphalt over sand + gravel base using hand auger
5		0	
		0	@ 1.5' gray clayey silt (mL), moist, stiff, homogenous (native)
10		0	
15	B3-14-15	0	@ 3' as above
			@ 3.2' med. brown gravelly sandy clayey silt (mL) moist, stiff, gravels highly weathered, caliche. (alluvium)
20		6	@ 4' as above, started drilling @ 4.5'
			Rod push 4-8
25		0	As above 4.5-5.8' then dark gray to black clayey silt (mL), sl moist, v. stiff, homogenous
			Rod push 8-12
8		6	Gray clayey silt, as above.
	X14-15 not sampled		Rod push 12-15 appears wet to sat @ 14.3', soft, green

B3-14-15
908

B3 hydrosol UST
(formerly B4)

0 on PID every 1'

gw 22.5'
@ 915
collected sample

Rod push 15-18 — 15-16.3' Soft thin massive dk green w/ oily clay (CL) v moist, stiff
↓ 18-20 — cont as above
↓ 20-22.5 — As above
22.5-25 — Brown, silty sand (SM) Sand. fine-gr.,

LORD & WINTER

ATTACHMENT F – SOIL & GROUNDWATER ANALYTICAL RESULTS

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: David Winter
Lord and Winter, LLC
231 Public Square
Suite 300
PMB 44
Franklin, Tennessee 37064

Generated 9/27/2024 11:27:06 AM

JOB DESCRIPTION

2256 Claremont Ct, Hayward, CA

JOB NUMBER

400-262754-1

Eurofins Pensacola
3355 McLemore Drive
Pensacola FL 32514

See page two for job notes and contact information.

my EOL

Job Notes

This report may not be reproduced except in full, and with written approval from the laboratory. The results relate only to the samples tested. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

The test results in this report relate only to the samples as received by the laboratory and will meet all requirements of the methodology, with any exceptions noted. This report shall not be reproduced except in full, without the express written approval of the laboratory. All questions should be directed to the Eurofins Environment Testing Southeast, LLC Project Manager.

Authorization



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9/27/2024 11:27:06 AM

Authorized for release by
Leah Klingensmith, Senior Project Manager
Leah.Klingensmith@et.eurofinsus.com
(615)301-5038

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Job Narrative
400-262754-1

Analytical test results meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page unless otherwise noted under the individual analysis. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable.

- Matrix QC may not be reported if insufficient sample is provided or site-specific QC samples were not submitted. In these situations, to demonstrate precision and accuracy at a batch level, a LCS/LCSD may be performed, unless otherwise specified in the method.
- Surrogate and/or isotope dilution analyte recoveries (if applicable) which are outside of the QC window are confirmed unless attributed to a dilution or otherwise noted in the narrative.

Regulated compliance samples (e.g. SDWA, NPDES) must comply with the associated agency requirements/permits.

Receipt
The samples were received on 9/19/2024 9:38 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 2.6°C.

GC/MS VOA
Method 8260D: The continuing calibration verification (CCV) associated with batch 400-685806 recovered outside acceptance criteria, low biased, for Chloroethane. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 400-685806 recovered above the upper control limit for 2-Butanone (MEK), 1,3-Dichlorobenzene, 1,4-Dichlorobenzene, 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene and Acetone. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The laboratory control sample (LCS) for analytical batch 400-685806 recovered outside control limits for the following analytes: Acetone, 2-Butanone (MEK) and 2-Hexanone. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 400-685671 recovered above the upper control limit for 1,2,3-Trichlorobenzene, 1,2,4-Trichlorobenzene, 1,2-Dichlorobenzene, 1,3-Dichlorobenzene, 1,4-Dichlorobenzene and Tetrachloroethene. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8260D: The continuing calibration verification (CCV) associated with batch 400-685671 recovered outside acceptance criteria, low biased, for Chloroethane, Chloromethane and Vinyl chloride. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8260D: The laboratory control sample (LCS) for preparation batch 400-685703 and analytical batch 400-685671 recovered outside control limits for the following analytes: 1,2,3-Trichlorobenzene and 1,2,4-Trichlorobenzene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The following field preserved samples were not suitable for analysis due to excessive sample weight. Samples were prepared from the field preserved vials by removing an aliquot of the top layer where the soil was not in contact with the preservative. B3-14-15 (400-262754-1), B2-22-23 (400-262754-2) and B1-16-17 (400-262754-3).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 400-685733 recovered outside acceptance criteria, low biased, for Caprolactam and 2,2'-oxybis(1-cloropropano). A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270E: The laboratory control sample duplicate (LCSD) for preparation batch 400-685605 and analytical batch 400-685669 recovered outside control limits for the following analytes: 2,4-Dimethylphenol. These analytes were biased high in the LCSD and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E: The continuing calibration verification (CCV) associated with batch 400-685733 recovered above the upper control limit for 2,4-Dinitrophenol, 4-Nitrophenol, 4-Chlorophenyl phenyl ether, N-Nitrosodi-n-propylamine, Hexachlorobutadiene and Carbazole. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270E: The continuing calibration verification (CCV) associated with batch 400-685733 recovered outside acceptance criteria, low biased, for Caprolactam. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

Method 8270E: Samples and method blank contain low-levels of di-n-butylphthalate. Samples can be re-extracted out of hold time upon request.

Method 8270E: The laboratory control sample (LCS) for preparation batch 400-685311 and analytical batch 400-685471 recovered outside control limits for the following analytes: Hexachlorocyclopentadiene and 2,4-Dimethylphenol. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8270E: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 400-685311 and analytical batch 400-685471 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

Method 8270E: The continuing calibration verification (CCV) associated with batch 400-685471 recovered above the upper control limit for Caprolactam. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported.

Method 8270E: The continuing calibration verification (CCV) associated with batch 400-685471 recovered outside acceptance criteria, low biased, for 4-Nitrophenol and Hexachlorocyclopentadiene. A reporting limit (RL) standard was analyzed, and the target analytes are detected. Since the associated samples were non-detect for the analyte(s), the data are reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Metals

Method 6010D - Dissolved: The following samples were not filtered within 15 minutes of sample collection as required by the method: B3 (400-262754-5), B2 (400-262754-6) and B1 (400-262754-7). The sample(s) was filtered prior to analysis at the laboratory, and the results have been reported.

Method 6010D - Dissolved: The following sample was diluted due to the nature of the sample matrix: B3 (400-262754-5). Elevated reporting limits (RLs) are provided.

Method 7470A - Dissolved: The following samples were not filtered within 15 minutes of sample collection as required by the method: B3 (400-262754-5), B2 (400-262754-6) and B1 (400-262754-7). The sample(s) was filtered prior to analysis at the laboratory, and the results have been reported.

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

General Chemistry

No additional analytical or quality issues were noted, other than those described above or in the Definitions/ Glossary page.

Detection Summary

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

Client Sample ID: B3-14-15 — Lab Sample ID: 400-262754-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	2.68		1.35	0.285	mg/Kg	1	☼	6010D	Total/NA
Barium	181	B	18.0	0.114	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.349	J	0.451	0.0433	mg/Kg	1	☼	6010D	Total/NA
Chromium	27.8		0.902	0.310	mg/Kg	1	☼	6010D	Total/NA
Lead	3.94		0.902	0.254	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.639	J	1.80	0.423	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: B2-22-23 — Lab Sample ID: 400-262754-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	5.32		1.37	0.288	mg/Kg	1	☼	6010D	Total/NA
Barium	47.8	B	18.2	0.115	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.127	J	0.456	0.0438	mg/Kg	1	☼	6010D	Total/NA
Chromium	30.1		0.912	0.313	mg/Kg	1	☼	6010D	Total/NA
Lead	4.46		0.912	0.257	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.478	J	1.82	0.428	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.0262	J	0.119	0.0214	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: B1-16-17 — Lab Sample ID: 400-262754-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	4.56		1.27	0.267	mg/Kg	1	☼	6010D	Total/NA
Barium	135	B	16.9	0.107	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.155	J	0.423	0.0406	mg/Kg	1	☼	6010D	Total/NA
Chromium	36.4		0.846	0.290	mg/Kg	1	☼	6010D	Total/NA
Lead	4.82		0.846	0.238	mg/Kg	1	☼	6010D	Total/NA

Client Sample ID: COMP SAMPLE-DISPOSAL — Lab Sample ID: 400-262754-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Antimony	2.70		1.94	0.348	mg/Kg	1	☼	6010D	Total/NA
Arsenic	6.83		1.45	0.306	mg/Kg	1	☼	6010D	Total/NA
Barium	55.4	B	19.4	0.122	mg/Kg	1	☼	6010D	Total/NA
Cadmium	0.124	J	0.485	0.0465	mg/Kg	1	☼	6010D	Total/NA
Chromium	35.5		0.970	0.333	mg/Kg	1	☼	6010D	Total/NA
Cobalt	17.2		0.970	0.0717	mg/Kg	1	☼	6010D	Total/NA
Copper	56.0		2.42	0.680	mg/Kg	1	☼	6010D	Total/NA
Lead	1.10		0.970	0.273	mg/Kg	1	☼	6010D	Total/NA
Nickel	33.5		3.88	0.229	mg/Kg	1	☼	6010D	Total/NA
Selenium	0.614	J	1.94	0.455	mg/Kg	1	☼	6010D	Total/NA
Thallium	2.33		1.94	0.387	mg/Kg	1	☼	6010D	Total/NA
Vanadium	46.7		4.85	0.797	mg/Kg	1	☼	6010D	Total/NA
Zinc	30.9		4.85	3.51	mg/Kg	1	☼	6010D	Total/NA
Mercury	0.0745	J	0.111	0.0200	mg/Kg	1	☼	7471B	Total/NA

Client Sample ID: B3 — Lab Sample ID: 400-262754-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	34.6	B	11.8	5.45	ug/L	1		8270E	Total/NA
Silver, Dissolved	0.00479	J	0.0100	0.00135	mg/L	1		6010D	Dissolved
Barium, Dissolved	0.122	J	0.200	0.00131	mg/L	1		6010D	Dissolved
Cadmium, Dissolved	0.00430	J	0.00500	0.000450	mg/L	1		6010D	Dissolved
Chromium, Dissolved	0.00427	J	0.0100	0.000758	mg/L	1		6010D	Dissolved

This Detection Summary does not include radiochemical test results.

Eurofins Pensacola

Detection Summary

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

Client Sample ID: B2

Lab Sample ID: 400-262754-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	26.8	B	10.6	4.86	ug/L	1		8270E	Total/NA
Silver, Dissolved	0.00226	J	0.0100	0.00135	mg/L	1		6010D	Dissolved
Arsenic, Dissolved	0.0136	J	0.0150	0.00405	mg/L	1		6010D	Dissolved
Barium, Dissolved	0.0544	J	0.200	0.00131	mg/L	1		6010D	Dissolved
Cadmium, Dissolved	0.00339	J	0.00500	0.000450	mg/L	1		6010D	Dissolved
Chromium, Dissolved	0.00369	J	0.0100	0.000758	mg/L	1		6010D	Dissolved

Client Sample ID: B1

Lab Sample ID: 400-262754-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Di-n-butyl phthalate	52.7	B	11.7	5.36	ug/L	1		8270E	Total/NA
Arsenic, Dissolved	0.00939	J	0.0150	0.00405	mg/L	1		6010D	Dissolved
Barium, Dissolved	0.0340	J	0.200	0.00131	mg/L	1		6010D	Dissolved
Cadmium, Dissolved	0.000453	J	0.00500	0.000450	mg/L	1		6010D	Dissolved
Chromium, Dissolved	0.00109	J	0.0100	0.000758	mg/L	1		6010D	Dissolved

Client Sample ID: TRIP BLANKS

Lab Sample ID: 400-262754-8

No Detections.

This Detection Summary does not include radiochemical test results.

Sample Summary

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
400-262754-1	B3-14-15	Solid	09/17/24 09:08	09/19/24 09:38
400-262754-2	B2-22-23	Solid	09/17/24 10:40	09/19/24 09:38
400-262754-3	B1-16-17	Solid	09/17/24 11:59	09/19/24 09:38
400-262754-4	COMP SAMPLE-DISPOSAL	Solid	09/17/24 12:30	09/19/24 09:38
400-262754-5	B3	Water	09/17/24 09:36	09/19/24 09:38
400-262754-6	B2	Water	09/17/24 10:40	09/19/24 09:38
400-262754-7	B1	Water	09/17/24 11:52	09/19/24 09:38
400-262754-8	TRIP BLANKS	Water	09/17/24 00:00	09/19/24 09:38

Client Sample ID: B3-14-15
Date Collected: 09/17/24 09:08
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-1
Matrix: Solid
Percent Solids: 82.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000802	U	0.00599	0.000802	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Dichlorobromomethane	0.00110	U	0.00599	0.00110	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Acetone	0.0144	U	0.0299	0.0144	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Bromoform	0.00156	U	0.00599	0.00156	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
2-Butanone (MEK)	0.00718	U	0.0299	0.00718	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Carbon disulfide	0.00303	U	0.00599	0.00303	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Bromomethane	0.00299	U	0.00599	0.00299	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Carbon tetrachloride	0.00204	U	0.00599	0.00204	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Chlorobenzene	0.00158	U	0.00599	0.00158	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Chloroethane	0.00395	U	0.00599	0.00395	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Chloroform	0.00163	U	0.00599	0.00163	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Chloromethane	0.00265	U	0.00599	0.00265	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Chlorodibromomethane	0.00144	U	0.00599	0.00144	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
1,2-Dibromo-3-Chloropropane	0.00395	U	0.00599	0.00395	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Ethylene Dibromide	0.00120	U	0.00599	0.00120	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
1,2-Dichlorobenzene	0.00190	U	0.00599	0.00190	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
1,3-Dichlorobenzene	0.00114	U	0.00599	0.00114	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Dichlorodifluoromethane	0.00475	U	0.00599	0.00475	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
1,1-Dichloroethane	0.000994	U	0.00599	0.000994	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
1,2-Dichloroethane	0.00220	U	0.00599	0.00220	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
1,1-Dichloroethene	0.00251	U	0.00599	0.00251	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
cis-1,2-Dichloroethene	0.000910	U	0.00599	0.000910	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
trans-1,2-Dichloroethene	0.00115	U	0.00599	0.00115	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
1,2-Dichloropropane	0.000910	U	0.00599	0.000910	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
cis-1,3-Dichloropropene	0.00144	U	0.00599	0.00144	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
trans-1,3-Dichloropropene	0.00132	U	0.00599	0.00132	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Ethylbenzene	0.000730	U	0.00599	0.000730	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
2-Hexanone	0.00599	U	0.0299	0.00599	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Isopropylbenzene	0.000814	U	0.00599	0.000814	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Methyl acetate	0.00551	U	0.00599	0.00551	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Methylene Chloride	0.0120	U	0.0180	0.0120	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Methylcyclohexane	0.00177	U	0.00599	0.00177	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Methyl tert-butyl ether	0.00120	U	0.00599	0.00120	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
4-Methyl-2-pentanone (MIBK)	0.0161	U	0.0299	0.0161	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Styrene	0.00120	U	0.00599	0.00120	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
1,1,2,2-Tetrachloroethane	0.00206	U	0.00599	0.00206	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Tetrachloroethene	0.00359	U	0.00599	0.00359	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Toluene	0.00120	U	0.00599	0.00120	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Trichloroethene	0.00120	U	0.00599	0.00120	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Trichlorofluoromethane	0.00290	U	0.00599	0.00290	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
1,1,1-Trichloroethane	0.00132	U	0.00599	0.00132	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
1,1,2-Trichloroethane	0.00193	U	0.00599	0.00193	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Vinyl chloride	0.00261	U	0.00599	0.00261	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Xylenes, Total	0.00718	U	0.0120	0.00718	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00225	U	0.00599	0.00225	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
1,4-Dichlorobenzene	0.00103	U	0.00599	0.00103	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
1,2,3-Trichlorobenzene	0.00132	U *+	0.00599	0.00132	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Chlorobromomethane	0.000970	U	0.00599	0.000970	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1
Cyclohexane	0.00113	U	0.00599	0.00113	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1

Client Sample ID: B3-14-15
Date Collected: 09/17/24 09:08
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-1
Matrix: Solid
Percent Solids: 82.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.00241	U *+	0.00599	0.00241	mg/Kg	☼	09/25/24 09:57	09/25/24 12:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*67 - 130*	*09/25/24 09:57*	*09/25/24 12:43*	*1*
Toluene-d8 (Surr)	*97*		*76 - 127*	*09/25/24 09:57*	*09/25/24 12:43*	*1*
Dibromofluoromethane	*104*		*77 - 127*	*09/25/24 09:57*	*09/25/24 12:43*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Acenaphthylene	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Acetophenone	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Anthracene	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Atrazine	0.106	U	0.389	0.106	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Benzaldehyde	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Benzo[a]anthracene	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Benzo[a]pyrene	0.0555	U	0.389	0.0555	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Benzo[b]fluoranthene	0.117	U	0.389	0.117	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Benzo[g,h,i]perylene	0.130	U	0.389	0.130	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Benzo[k]fluoranthene	0.0920	U	0.389	0.0920	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
1,1'-Biphenyl	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Bis(2-chloroethoxy)methane	0.0861	U	0.389	0.0861	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Bis(2-chloroethyl)ether	0.0543	U	0.389	0.0543	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Bis(2-ethylhexyl) phthalate	0.0956	U	0.389	0.0956	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
4-Bromophenyl phenyl ether	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Butyl benzyl phthalate	0.0838	U	0.389	0.0838	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Caprolactam	0.0991	U	0.389	0.0991	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Carbazole	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
4-Chloroaniline	0.0956	U	0.389	0.0956	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
4-Chloro-3-methylphenol	0.0956	U	0.389	0.0956	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
2-Chloronaphthalene	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
2-Chlorophenol	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
4-Chlorophenyl phenyl ether	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Chrysene	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Dibenz(a,h)anthracene	0.0673	U	0.389	0.0673	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Dibenzofuran	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
3,3'-Dichlorobenzidine	0.130	U	0.389	0.130	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
2,4-Dichlorophenol	0.0826	U	0.389	0.0826	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Diethyl phthalate	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
2,4-Dimethylphenol	0.111	U *+	0.389	0.111	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Dimethyl phthalate	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Di-n-butyl phthalate	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
4,6-Dinitro-2-methylphenol	0.283	U F1	0.389	0.283	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
2,4-Dinitrophenol	0.342	U F1	1.17	0.342	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
2,4-Dinitrotoluene	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
2,6-Dinitrotoluene	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Di-n-octyl phthalate	0.142	U	0.389	0.142	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Fluoranthene	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Fluorene	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Hexachlorobenzene	0.118	U	0.389	0.118	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1

Client Sample ID: B3-14-15
Date Collected: 09/17/24 09:08
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-1
Matrix: Solid
Percent Solids: 82.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Hexachlorocyclopentadiene	0.0779	U *+	0.389	0.0779	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Hexachloroethane	0.0826	U	0.389	0.0826	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Indeno[1,2,3-cd]pyrene	0.0779	U	0.389	0.0779	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Isophorone	0.0791	U	0.389	0.0791	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
2-Methylnaphthalene	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
2-Methylphenol	0.0944	U	0.389	0.0944	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
3 & 4 Methylphenol	0.0909	U	0.779	0.0909	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Naphthalene	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
2-Nitroaniline	0.0826	U	0.389	0.0826	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
3-Nitroaniline	0.0920	U	0.389	0.0920	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
4-Nitroaniline	0.133	U	0.389	0.133	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Nitrobenzene	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
2-Nitrophenol	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
4-Nitrophenol	0.354	U	0.389	0.354	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
N-Nitrosodi-n-propylamine	0.124	U	0.389	0.124	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
n-Nitrosodiphenylamine(as diphenylamine)	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
2,2'-oxybis(1-chloropropane)	0.149	U	0.389	0.149	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Pentachlorophenol	0.189	U	0.779	0.189	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Phenanthrene	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Phenol	0.105	U	0.389	0.105	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
Pyrene	0.0920	U	0.389	0.0920	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
2,4,5-Trichlorophenol	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1
2,4,6-Trichlorophenol	0.0389	U	0.389	0.0389	mg/Kg	☼	09/21/24 12:57	09/23/24 18:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*72*		*27 - 127*	*09/21/24 12:57*	*09/23/24 18:04*	*1*
2-Fluorophenol (Surr)	*63*		*25 - 128*	*09/21/24 12:57*	*09/23/24 18:04*	*1*
Nitrobenzene-d5 (Surr)	*61*		*15 - 136*	*09/21/24 12:57*	*09/23/24 18:04*	*1*
Phenol-d5 (Surr)	*67*		*29 - 130*	*09/21/24 12:57*	*09/23/24 18:04*	*1*
Terphenyl-d14 (Surr)	*85*		*24 - 146*	*09/21/24 12:57*	*09/23/24 18:04*	*1*
2,4,6-Tribromophenol (Surr)	*52*		*10 - 150*	*09/21/24 12:57*	*09/23/24 18:04*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**2.68**		1.35	0.285	mg/Kg	☼	09/25/24 14:00	09/26/24 14:18	1
Barium	**181**	**B**	18.0	0.114	mg/Kg	☼	09/25/24 14:00	09/26/24 14:18	1
Cadmium	**0.349**	**J**	0.451	0.0433	mg/Kg	☼	09/25/24 14:00	09/26/24 14:18	1
Chromium	**27.8**		0.902	0.310	mg/Kg	☼	09/25/24 14:00	09/26/24 14:18	1
Lead	**3.94**		0.902	0.254	mg/Kg	☼	09/25/24 14:00	09/26/24 14:18	1
Selenium	**0.639**	**J**	1.80	0.423	mg/Kg	☼	09/25/24 14:00	09/26/24 14:18	1
Silver	0.0731	U	0.902	0.0731	mg/Kg	☼	09/25/24 14:00	09/26/24 14:18	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0214	U	0.119	0.0214	mg/Kg	☼	09/25/24 14:00	09/26/24 11:44	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**82.7**		0.01	0.01	%			09/25/24 11:03	1

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

Client Sample ID: B3-14-15
Date Collected: 09/17/24 09:08
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-1
Matrix: Solid
Percent Solids: 82.7

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	17.3		0.01	0.01	%			09/25/24 11:03	1

Client Sample ID: B2-22-23
Date Collected: 09/17/24 10:40
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-2
Matrix: Solid
Percent Solids: 80.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000846	U	0.00631	0.000846	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Dichlorobromomethane	0.00116	U	0.00631	0.00116	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Acetone	0.0152	U	0.0316	0.0152	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Bromoform	0.00164	U	0.00631	0.00164	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
2-Butanone (MEK)	0.00758	U	0.0316	0.00758	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Carbon disulfide	0.00319	U	0.00631	0.00319	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Bromomethane	0.00316	U	0.00631	0.00316	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Carbon tetrachloride	0.00215	U	0.00631	0.00215	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Chlorobenzene	0.00167	U	0.00631	0.00167	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Chloroethane	0.00417	U	0.00631	0.00417	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Chloroform	0.00172	U	0.00631	0.00172	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Chloromethane	0.00279	U	0.00631	0.00279	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Chlorodibromomethane	0.00152	U	0.00631	0.00152	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
1,2-Dibromo-3-Chloropropane	0.00417	U	0.00631	0.00417	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Ethylene Dibromide	0.00126	U	0.00631	0.00126	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
1,2-Dichlorobenzene	0.00201	U	0.00631	0.00201	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
1,3-Dichlorobenzene	0.00120	U	0.00631	0.00120	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Dichlorodifluoromethane	0.00501	U	0.00631	0.00501	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
1,1-Dichloroethane	0.00105	U	0.00631	0.00105	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
1,2-Dichloroethane	0.00232	U	0.00631	0.00232	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
1,1-Dichloroethene	0.00265	U	0.00631	0.00265	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
cis-1,2-Dichloroethene	0.000960	U	0.00631	0.000960	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
trans-1,2-Dichloroethene	0.00121	U	0.00631	0.00121	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
1,2-Dichloropropane	0.000960	U	0.00631	0.000960	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
cis-1,3-Dichloropropene	0.00152	U	0.00631	0.00152	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
trans-1,3-Dichloropropene	0.00139	U	0.00631	0.00139	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Ethylbenzene	0.000770	U	0.00631	0.000770	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
2-Hexanone	0.00631	U	0.0316	0.00631	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Isopropylbenzene	0.000859	U	0.00631	0.000859	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Methyl acetate	0.00581	U	0.00631	0.00581	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Methylene Chloride	0.0126	U	0.0189	0.0126	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Methylcyclohexane	0.00187	U	0.00631	0.00187	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Methyl tert-butyl ether	0.00126	U	0.00631	0.00126	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
4-Methyl-2-pentanone (MIBK)	0.0170	U	0.0316	0.0170	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Styrene	0.00126	U	0.00631	0.00126	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
1,1,2,2-Tetrachloroethane	0.00217	U	0.00631	0.00217	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Tetrachloroethene	0.00379	U	0.00631	0.00379	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Toluene	0.00126	U	0.00631	0.00126	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Trichloroethene	0.00126	U	0.00631	0.00126	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Trichlorofluoromethane	0.00306	U	0.00631	0.00306	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
1,1,1-Trichloroethane	0.00139	U	0.00631	0.00139	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
1,1,2-Trichloroethane	0.00203	U	0.00631	0.00203	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Vinyl chloride	0.00275	U	0.00631	0.00275	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Xylenes, Total	0.00758	U	0.0126	0.00758	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00237	U	0.00631	0.00237	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
1,4-Dichlorobenzene	0.00109	U	0.00631	0.00109	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
1,2,3-Trichlorobenzene	0.00139	U *+	0.00631	0.00139	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Chlorobromomethane	0.00102	U	0.00631	0.00102	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1
Cyclohexane	0.00119	U	0.00631	0.00119	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1

Client Sample ID: B2-22-23

Date Collected: 09/17/24 10:40
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-2

Matrix: Solid
Percent Solids: 80.0

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.00254	U *+	0.00631	0.00254	mg/Kg	☼	09/25/24 09:57	09/25/24 13:11	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*67 - 130*	*09/25/24 09:57*	*09/25/24 13:11*	*1*
Toluene-d8 (Surr)	*95*		*76 - 127*	*09/25/24 09:57*	*09/25/24 13:11*	*1*
Dibromofluoromethane	*102*		*77 - 127*	*09/25/24 09:57*	*09/25/24 13:11*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Acenaphthylene	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Acetophenone	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Anthracene	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Atrazine	0.109	U	0.399	0.109	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Benzaldehyde	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Benzo[a]anthracene	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Benzo[a]pyrene	0.0568	U	0.399	0.0568	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Benzo[b]fluoranthene	0.120	U	0.399	0.120	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Benzo[g,h,i]perylene	0.133	U	0.399	0.133	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Benzo[k]fluoranthene	0.0943	U	0.399	0.0943	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
1,1'-Biphenyl	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Bis(2-chloroethoxy)methane	0.0882	U	0.399	0.0882	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Bis(2-chloroethyl)ether	0.0556	U	0.399	0.0556	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Bis(2-ethylhexyl) phthalate	0.0979	U	0.399	0.0979	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
4-Bromophenyl phenyl ether	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Butyl benzyl phthalate	0.0858	U	0.399	0.0858	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Caprolactam	0.102	U	0.399	0.102	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Carbazole	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
4-Chloroaniline	0.0979	U	0.399	0.0979	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
4-Chloro-3-methylphenol	0.0979	U	0.399	0.0979	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
2-Chloronaphthalene	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
2-Chlorophenol	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
4-Chlorophenyl phenyl ether	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Chrysene	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Dibenz(a,h)anthracene	0.0689	U	0.399	0.0689	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Dibenzofuran	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
3,3'-Dichlorobenzidine	0.133	U	0.399	0.133	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
2,4-Dichlorophenol	0.0846	U	0.399	0.0846	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Diethyl phthalate	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
2,4-Dimethylphenol	0.114	U *+	0.399	0.114	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Dimethyl phthalate	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Di-n-butyl phthalate	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
4,6-Dinitro-2-methylphenol	0.290	U	0.399	0.290	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
2,4-Dinitrophenol	0.351	U	1.20	0.351	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
2,4-Dinitrotoluene	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
2,6-Dinitrotoluene	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Di-n-octyl phthalate	0.145	U	0.399	0.145	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Fluoranthene	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Fluorene	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Hexachlorobenzene	0.121	U	0.399	0.121	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1

Client Sample ID: B2-22-23
Date Collected: 09/17/24 10:40
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-2
Matrix: Solid
Percent Solids: 80.0

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Hexachlorocyclopentadiene	0.0798	U *+	0.399	0.0798	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Hexachloroethane	0.0846	U	0.399	0.0846	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Indeno[1,2,3-cd]pyrene	0.0798	U	0.399	0.0798	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Isophorone	0.0810	U	0.399	0.0810	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
2-Methylnaphthalene	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
2-Methylphenol	0.0967	U	0.399	0.0967	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
3 & 4 Methylphenol	0.0931	U	0.798	0.0931	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Naphthalene	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
2-Nitroaniline	0.0846	U	0.399	0.0846	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
3-Nitroaniline	0.0943	U	0.399	0.0943	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
4-Nitroaniline	0.137	U	0.399	0.137	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Nitrobenzene	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
2-Nitrophenol	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
4-Nitrophenol	0.363	U	0.399	0.363	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
N-Nitrosodi-n-propylamine	0.127	U	0.399	0.127	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
n-Nitrosodiphenylamine(as diphenylamine)	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
2,2'-oxybis(1-chloropropane)	0.152	U	0.399	0.152	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Pentachlorophenol	0.193	U	0.798	0.193	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Phenanthrene	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Phenol	0.108	U	0.399	0.108	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
Pyrene	0.0943	U	0.399	0.0943	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
2,4,5-Trichlorophenol	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1
2,4,6-Trichlorophenol	0.0399	U	0.399	0.0399	mg/Kg	☼	09/21/24 12:57	09/23/24 18:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*74*		*27 - 127*	*09/21/24 12:57*	*09/23/24 18:28*	*1*
2-Fluorophenol (Surr)	*55*		*25 - 128*	*09/21/24 12:57*	*09/23/24 18:28*	*1*
Nitrobenzene-d5 (Surr)	*63*		*15 - 136*	*09/21/24 12:57*	*09/23/24 18:28*	*1*
Phenol-d5 (Surr)	*63*		*29 - 130*	*09/21/24 12:57*	*09/23/24 18:28*	*1*
Terphenyl-d14 (Surr)	*85*		*24 - 146*	*09/21/24 12:57*	*09/23/24 18:28*	*1*
2,4,6-Tribromophenol (Surr)	*52*		*10 - 150*	*09/21/24 12:57*	*09/23/24 18:28*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**5.32**		1.37	0.288	mg/Kg	☼	09/25/24 14:00	09/26/24 14:22	1
Barium	**47.8**	**B**	18.2	0.115	mg/Kg	☼	09/25/24 14:00	09/26/24 14:22	1
Cadmium	**0.127**	**J**	0.456	0.0438	mg/Kg	☼	09/25/24 14:00	09/26/24 14:22	1
Chromium	**30.1**		0.912	0.313	mg/Kg	☼	09/25/24 14:00	09/26/24 14:22	1
Lead	**4.46**		0.912	0.257	mg/Kg	☼	09/25/24 14:00	09/26/24 14:22	1
Selenium	**0.478**	**J**	1.82	0.428	mg/Kg	☼	09/25/24 14:00	09/26/24 14:22	1
Silver	0.0739	U	0.912	0.0739	mg/Kg	☼	09/25/24 14:00	09/26/24 14:22	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0262**	**J**	0.119	0.0214	mg/Kg	☼	09/25/24 14:00	09/26/24 11:46	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**80.0**		0.01	0.01	%			09/25/24 11:03	1

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

Client Sample ID: B2-22-23
Date Collected: 09/17/24 10:40
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-2
Matrix: Solid
Percent Solids: 80.0

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	20.0		0.01	0.01	%			09/25/24 11:03	1

Client Sample ID: B1-16-17
Date Collected: 09/17/24 11:59
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-3
Matrix: Solid
Percent Solids: 82.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000790	U	0.00589	0.000790	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Dichlorobromomethane	0.00108	U	0.00589	0.00108	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Acetone	0.0141	U	0.0295	0.0141	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Bromoform	0.00153	U	0.00589	0.00153	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
2-Butanone (MEK)	0.00707	U	0.0295	0.00707	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Carbon disulfide	0.00298	U	0.00589	0.00298	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Bromomethane	0.00295	U	0.00589	0.00295	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Carbon tetrachloride	0.00200	U	0.00589	0.00200	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Chlorobenzene	0.00156	U	0.00589	0.00156	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Chloroethane	0.00389	U	0.00589	0.00389	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Chloroform	0.00160	U	0.00589	0.00160	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Chloromethane	0.00260	U	0.00589	0.00260	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Chlorodibromomethane	0.00141	U	0.00589	0.00141	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
1,2-Dibromo-3-Chloropropane	0.00389	U	0.00589	0.00389	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Ethylene Dibromide	0.00118	U	0.00589	0.00118	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
1,2-Dichlorobenzene	0.00187	U	0.00589	0.00187	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
1,3-Dichlorobenzene	0.00112	U	0.00589	0.00112	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Dichlorodifluoromethane	0.00468	U	0.00589	0.00468	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
1,1-Dichloroethane	0.000978	U	0.00589	0.000978	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
1,2-Dichloroethane	0.00217	U	0.00589	0.00217	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
1,1-Dichloroethene	0.00247	U	0.00589	0.00247	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
cis-1,2-Dichloroethene	0.000896	U	0.00589	0.000896	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
trans-1,2-Dichloroethene	0.00113	U	0.00589	0.00113	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
1,2-Dichloropropane	0.000896	U	0.00589	0.000896	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
cis-1,3-Dichloropropene	0.00141	U	0.00589	0.00141	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
trans-1,3-Dichloropropene	0.00130	U	0.00589	0.00130	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Ethylbenzene	0.000719	U	0.00589	0.000719	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
2-Hexanone	0.00589	U	0.0295	0.00589	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Isopropylbenzene	0.000801	U	0.00589	0.000801	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Methyl acetate	0.00542	U	0.00589	0.00542	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Methylene Chloride	0.0118	U	0.0177	0.0118	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Methylcyclohexane	0.00174	U	0.00589	0.00174	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Methyl tert-butyl ether	0.00118	U	0.00589	0.00118	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
4-Methyl-2-pentanone (MIBK)	0.0158	U	0.0295	0.0158	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Styrene	0.00118	U	0.00589	0.00118	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
1,1,2,2-Tetrachloroethane	0.00203	U	0.00589	0.00203	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Tetrachloroethene	0.00354	U	0.00589	0.00354	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Toluene	0.00118	U	0.00589	0.00118	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Trichloroethene	0.00118	U	0.00589	0.00118	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Trichlorofluoromethane	0.00285	U	0.00589	0.00285	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
1,1,1-Trichloroethane	0.00130	U	0.00589	0.00130	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
1,1,2-Trichloroethane	0.00190	U	0.00589	0.00190	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Vinyl chloride	0.00257	U	0.00589	0.00257	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Xylenes, Total	0.00707	U	0.0118	0.00707	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00222	U	0.00589	0.00222	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
1,4-Dichlorobenzene	0.00101	U	0.00589	0.00101	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
1,2,3-Trichlorobenzene	0.00130	U *+	0.00589	0.00130	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Chlorobromomethane	0.000955	U	0.00589	0.000955	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1
Cyclohexane	0.00111	U	0.00589	0.00111	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1

Client Sample ID: B1-16-17

Date Collected: 09/17/24 11:59
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-3

Matrix: Solid
Percent Solids: 82.7

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.00237	U *+	0.00589	0.00237	mg/Kg	☼	09/25/24 09:57	09/25/24 13:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*91*		*67 - 130*	*09/25/24 09:57*	*09/25/24 13:36*	*1*
Toluene-d8 (Surr)	*94*		*76 - 127*	*09/25/24 09:57*	*09/25/24 13:36*	*1*
Dibromofluoromethane	*103*		*77 - 127*	*09/25/24 09:57*	*09/25/24 13:36*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Acenaphthylene	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Acetophenone	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Anthracene	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Atrazine	0.107	U	0.393	0.107	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Benzaldehyde	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Benzo[a]anthracene	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Benzo[a]pyrene	0.0560	U	0.393	0.0560	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Benzo[b]fluoranthene	0.118	U	0.393	0.118	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Benzo[g,h,i]perylene	0.131	U	0.393	0.131	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Benzo[k]fluoranthene	0.0929	U	0.393	0.0929	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
1,1'-Biphenyl	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Bis(2-chloroethoxy)methane	0.0869	U	0.393	0.0869	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Bis(2-chloroethyl)ether	0.0548	U	0.393	0.0548	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Bis(2-ethylhexyl) phthalate	0.0965	U	0.393	0.0965	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
4-Bromophenyl phenyl ether	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Butyl benzyl phthalate	0.0846	U	0.393	0.0846	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Caprolactam	0.100	U	0.393	0.100	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Carbazole	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
4-Chloroaniline	0.0965	U	0.393	0.0965	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
4-Chloro-3-methylphenol	0.0965	U	0.393	0.0965	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
2-Chloronaphthalene	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
2-Chlorophenol	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
4-Chlorophenyl phenyl ether	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Chrysene	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Dibenz(a,h)anthracene	0.0679	U	0.393	0.0679	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Dibenzofuran	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
3,3'-Dichlorobenzidine	0.131	U	0.393	0.131	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
2,4-Dichlorophenol	0.0834	U	0.393	0.0834	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Diethyl phthalate	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
2,4-Dimethylphenol	0.112	U *+	0.393	0.112	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Dimethyl phthalate	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Di-n-butyl phthalate	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
4,6-Dinitro-2-methylphenol	0.286	U	0.393	0.286	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
2,4-Dinitrophenol	0.345	U	1.18	0.345	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
2,4-Dinitrotoluene	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
2,6-Dinitrotoluene	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Di-n-octyl phthalate	0.143	U	0.393	0.143	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Fluoranthene	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Fluorene	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Hexachlorobenzene	0.119	U	0.393	0.119	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1

Client Sample ID: B1-16-17
Date Collected: 09/17/24 11:59
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-3
Matrix: Solid
Percent Solids: 82.7

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Hexachlorocyclopentadiene	0.0786	U *+	0.393	0.0786	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Hexachloroethane	0.0834	U	0.393	0.0834	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Indeno[1,2,3-cd]pyrene	0.0786	U	0.393	0.0786	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Isophorone	0.0798	U	0.393	0.0798	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
2-Methylnaphthalene	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
2-Methylphenol	0.0953	U	0.393	0.0953	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
3 & 4 Methylphenol	0.0917	U	0.786	0.0917	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Naphthalene	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
2-Nitroaniline	0.0834	U	0.393	0.0834	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
3-Nitroaniline	0.0929	U	0.393	0.0929	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
4-Nitroaniline	0.135	U	0.393	0.135	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Nitrobenzene	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
2-Nitrophenol	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
4-Nitrophenol	0.357	U	0.393	0.357	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
N-Nitrosodi-n-propylamine	0.125	U	0.393	0.125	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
n-Nitrosodiphenylamine(as diphenylamine)	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
2,2'-oxybis(1-chloropropane)	0.150	U	0.393	0.150	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Pentachlorophenol	0.191	U	0.786	0.191	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Phenanthrene	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Phenol	0.106	U	0.393	0.106	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
Pyrene	0.0929	U	0.393	0.0929	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
2,4,5-Trichlorophenol	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1
2,4,6-Trichlorophenol	0.0393	U	0.393	0.0393	mg/Kg	☼	09/21/24 12:57	09/23/24 18:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*27 - 127*	*09/21/24 12:57*	*09/23/24 18:53*	*1*
2-Fluorophenol (Surr)	*63*		*25 - 128*	*09/21/24 12:57*	*09/23/24 18:53*	*1*
Nitrobenzene-d5 (Surr)	*70*		*15 - 136*	*09/21/24 12:57*	*09/23/24 18:53*	*1*
Phenol-d5 (Surr)	*71*		*29 - 130*	*09/21/24 12:57*	*09/23/24 18:53*	*1*
Terphenyl-d14 (Surr)	*92*		*24 - 146*	*09/21/24 12:57*	*09/23/24 18:53*	*1*
2,4,6-Tribromophenol (Surr)	*54*		*10 - 150*	*09/21/24 12:57*	*09/23/24 18:53*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**4.56**		1.27	0.267	mg/Kg	☼	09/25/24 14:00	09/26/24 14:26	1
Barium	**135**	**B**	16.9	0.107	mg/Kg	☼	09/25/24 14:00	09/26/24 14:26	1
Cadmium	**0.155**	**J**	0.423	0.0406	mg/Kg	☼	09/25/24 14:00	09/26/24 14:26	1
Chromium	**36.4**		0.846	0.290	mg/Kg	☼	09/25/24 14:00	09/26/24 14:26	1
Lead	**4.82**		0.846	0.238	mg/Kg	☼	09/25/24 14:00	09/26/24 14:26	1
Selenium	0.397	U	1.69	0.397	mg/Kg	☼	09/25/24 14:00	09/26/24 14:26	1
Silver	0.0685	U	0.846	0.0685	mg/Kg	☼	09/25/24 14:00	09/26/24 14:26	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0189	U	0.105	0.0189	mg/Kg	☼	09/25/24 14:00	09/26/24 11:48	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**82.7**		0.01	0.01	%			09/25/24 11:03	1

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

Client Sample ID: B1-16-17
Date Collected: 09/17/24 11:59
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-3
Matrix: Solid
Percent Solids: 82.7

General Chemistry (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture (EPA Moisture)	17.3		0.01	0.01	%			09/25/24 11:03	1

Client Sample Results

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

Client Sample ID: COMP SAMPLE-DISPOSAL

Lab Sample ID: 400-262754-4

Date Collected: 09/17/24 12:30
Date Received: 09/19/24 09:38

Matrix: Solid
Percent Solids: 81.9

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	**2.70**		1.94	0.348	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1
Arsenic	**6.83**		1.45	0.306	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1
Barium	**55.4**	**B**	19.4	0.122	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1
Beryllium	0.0524	U	0.485	0.0524	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1
Cadmium	**0.124**	**J**	0.485	0.0465	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1
Chromium	**35.5**		0.970	0.333	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1
Cobalt	**17.2**		0.970	0.0717	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1
Copper	**56.0**		2.42	0.680	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1
Lead	**1.10**		0.970	0.273	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1
Molybdenum	0.447	U	3.88	0.447	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1
Nickel	**33.5**		3.88	0.229	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1
Selenium	**0.614**	**J**	1.94	0.455	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1
Silver	0.0785	U	0.970	0.0785	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1
Thallium	**2.33**		1.94	0.387	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1
Vanadium	**46.7**		4.85	0.797	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1
Zinc	**30.9**		4.85	3.51	mg/Kg	☼	09/25/24 14:00	09/26/24 14:39	1

Method: SW846 7471B - Mercury (CVAA)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	**0.0745**	**J**	0.111	0.0200	mg/Kg	☼	09/25/24 14:00	09/26/24 11:49	1

General Chemistry

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Solids (EPA Moisture)	**81.9**		0.1	0.1	%			09/25/24 10:50	1
Percent Moisture (EPA Moisture)	**18.1**		0.1	0.1	%			09/25/24 10:50	1

Client Sample ID: B3
Date Collected: 09/17/24 09:36
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-5
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.240	U	1.00	0.240	ug/L			09/26/24 15:02	1
Dichlorobromomethane	0.500	U	1.00	0.500	ug/L			09/26/24 15:02	1
Acetone	10.0	U *+	25.0	10.0	ug/L			09/26/24 15:02	1
Bromoform	0.250	U	5.00	0.250	ug/L			09/26/24 15:02	1
2-Butanone (MEK)	2.60	U *+	25.0	2.60	ug/L			09/26/24 15:02	1
Carbon disulfide	0.500	U	1.00	0.500	ug/L			09/26/24 15:02	1
Bromomethane	0.980	U	1.00	0.980	ug/L			09/26/24 15:02	1
Carbon tetrachloride	0.190	U	1.00	0.190	ug/L			09/26/24 15:02	1
Chlorobenzene	0.420	U	1.00	0.420	ug/L			09/26/24 15:02	1
Chloroethane	0.760	U	1.00	0.760	ug/L			09/26/24 15:02	1
Chloroform	0.900	U	1.00	0.900	ug/L			09/26/24 15:02	1
Chloromethane	0.400	U	1.00	0.400	ug/L			09/26/24 15:02	1
Chlorodibromomethane	0.240	U	1.00	0.240	ug/L			09/26/24 15:02	1
1,2-Dibromo-3-Chloropropane	1.50	U	5.00	1.50	ug/L			09/26/24 15:02	1
Ethylene Dibromide	0.230	U	1.00	0.230	ug/L			09/26/24 15:02	1
1,2-Dichlorobenzene	0.500	U	1.00	0.500	ug/L			09/26/24 15:02	1
1,3-Dichlorobenzene	0.540	U	1.00	0.540	ug/L			09/26/24 15:02	1
Dichlorodifluoromethane	0.850	U	1.00	0.850	ug/L			09/26/24 15:02	1
1,1-Dichloroethane	0.500	U	1.00	0.500	ug/L			09/26/24 15:02	1
1,2-Dichloroethane	0.550	U	1.00	0.550	ug/L			09/26/24 15:02	1
1,1-Dichloroethene	0.500	U	1.00	0.500	ug/L			09/26/24 15:02	1
cis-1,2-Dichloroethene	0.200	U	1.00	0.200	ug/L			09/26/24 15:02	1
trans-1,2-Dichloroethene	0.500	U	1.00	0.500	ug/L			09/26/24 15:02	1
1,2-Dichloropropane	0.500	U	1.00	0.500	ug/L			09/26/24 15:02	1
cis-1,3-Dichloropropene	0.500	U	5.00	0.500	ug/L			09/26/24 15:02	1
trans-1,3-Dichloropropene	0.200	U	5.00	0.200	ug/L			09/26/24 15:02	1
Ethylbenzene	0.500	U	1.00	0.500	ug/L			09/26/24 15:02	1
2-Hexanone	4.26	U *+	25.0	4.26	ug/L			09/26/24 15:02	1
Isopropylbenzene	0.530	U	1.00	0.530	ug/L			09/26/24 15:02	1
Methyl acetate	0.610	U	5.00	0.610	ug/L			09/26/24 15:02	1
Methylene Chloride	3.00	U	5.00	3.00	ug/L			09/26/24 15:02	1
Methylcyclohexane	0.500	U	1.00	0.500	ug/L			09/26/24 15:02	1
Methyl tert-butyl ether	0.220	U	1.00	0.220	ug/L			09/26/24 15:02	1
4-Methyl-2-pentanone (MIBK)	1.80	U	25.0	1.80	ug/L			09/26/24 15:02	1
Styrene	1.00	U	1.00	1.00	ug/L			09/26/24 15:02	1
1,1,2,2-Tetrachloroethane	0.500	U	1.00	0.500	ug/L			09/26/24 15:02	1
Tetrachloroethene	0.330	U	1.00	0.330	ug/L			09/26/24 15:02	1
Toluene	0.900	U	1.00	0.900	ug/L			09/26/24 15:02	1
Trichloroethene	0.150	U	1.00	0.150	ug/L			09/26/24 15:02	1
Trichlorofluoromethane	0.250	U	1.00	0.250	ug/L			09/26/24 15:02	1
1,1,1-Trichloroethane	0.180	U	1.00	0.180	ug/L			09/26/24 15:02	1
1,1,2-Trichloroethane	0.210	U	5.00	0.210	ug/L			09/26/24 15:02	1
Vinyl chloride	0.500	U	1.00	0.500	ug/L			09/26/24 15:02	1
Xylenes, Total	6.00	U	10.0	6.00	ug/L			09/26/24 15:02	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.500	U	1.00	0.500	ug/L			09/26/24 15:02	1
1,4-Dichlorobenzene	0.640	U	1.00	0.640	ug/L			09/26/24 15:02	1
1,2,3-Trichlorobenzene	0.900	U	1.00	0.900	ug/L			09/26/24 15:02	1
Chlorobromomethane	0.520	U	1.00	0.520	ug/L			09/26/24 15:02	1
Cyclohexane	0.240	U	1.00	0.240	ug/L			09/26/24 15:02	1

Client Sample ID: B3

Date Collected: 09/17/24 09:36
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-5

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.820	U	1.00	0.820	ug/L			09/26/24 15:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*72 - 130*		*09/26/24 15:02*	*1*
Toluene-d8 (Surr)	*101*		*64 - 132*		*09/26/24 15:02*	*1*
Dibromofluoromethane	*111*		*75 - 126*		*09/26/24 15:02*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	5.92	U	11.8	5.92	ug/L		09/24/24 16:43	09/25/24 19:44	1
4-Chloro-3-methylphenol	6.28	U	11.8	6.28	ug/L		09/24/24 16:43	09/25/24 19:44	1
2-Chlorophenol	4.86	U	11.8	4.86	ug/L		09/24/24 16:43	09/25/24 19:44	1
2,4-Dichlorophenol	5.09	U	11.8	5.09	ug/L		09/24/24 16:43	09/25/24 19:44	1
2,4-Dimethylphenol	6.16	U *+	11.8	6.16	ug/L		09/24/24 16:43	09/25/24 19:44	1
4,6-Dinitro-2-methylphenol	11.8	U	11.8	11.8	ug/L		09/24/24 16:43	09/25/24 19:44	1
2,4-Dinitrophenol	5.45	U	35.5	5.45	ug/L		09/24/24 16:43	09/25/24 19:44	1
2-Methylphenol	3.79	U	11.8	3.79	ug/L		09/24/24 16:43	09/25/24 19:44	1
3 & 4 Methylphenol	5.45	U	23.7	5.45	ug/L		09/24/24 16:43	09/25/24 19:44	1
2-Nitrophenol	5.45	U	11.8	5.45	ug/L		09/24/24 16:43	09/25/24 19:44	1
4-Nitrophenol	3.91	U	11.8	3.91	ug/L		09/24/24 16:43	09/25/24 19:44	1
Pentachlorophenol	14.1	U	23.7	14.1	ug/L		09/24/24 16:43	09/25/24 19:44	1
Phenol	4.98	U	11.8	4.98	ug/L		09/24/24 16:43	09/25/24 19:44	1
2,4,5-Trichlorophenol	4.74	U	11.8	4.74	ug/L		09/24/24 16:43	09/25/24 19:44	1
2,4,6-Trichlorophenol	4.15	U	11.8	4.15	ug/L		09/24/24 16:43	09/25/24 19:44	1
Acetophenone	6.04	U	11.8	6.04	ug/L		09/24/24 16:43	09/25/24 19:44	1
Benzaldehyde	2.73	U	11.8	2.73	ug/L		09/24/24 16:43	09/25/24 19:44	1
4-Bromophenyl phenyl ether	10.2	U	11.8	10.2	ug/L		09/24/24 16:43	09/25/24 19:44	1
Butyl benzyl phthalate	6.87	U	11.8	6.87	ug/L		09/24/24 16:43	09/25/24 19:44	1
Caprolactam	2.84	U	11.8	2.84	ug/L		09/24/24 16:43	09/25/24 19:44	1
Carbazole	5.92	U	11.8	5.92	ug/L		09/24/24 16:43	09/25/24 19:44	1
4-Chloroaniline	5.57	U	11.8	5.57	ug/L		09/24/24 16:43	09/25/24 19:44	1
Bis(2-chloroethoxy)methane	5.45	U	11.8	5.45	ug/L		09/24/24 16:43	09/25/24 19:44	1
Bis(2-chloroethyl)ether	4.62	U	11.8	4.62	ug/L		09/24/24 16:43	09/25/24 19:44	1
2-Chloronaphthalene	4.50	U	11.8	4.50	ug/L		09/24/24 16:43	09/25/24 19:44	1
4-Chlorophenyl phenyl ether	4.38	U	11.8	4.38	ug/L		09/24/24 16:43	09/25/24 19:44	1
Dibenzofuran	4.74	U	11.8	4.74	ug/L		09/24/24 16:43	09/25/24 19:44	1
Di-n-butyl phthalate	**34.6**	**B**	11.8	5.45	ug/L		09/24/24 16:43	09/25/24 19:44	1
Di-n-octyl phthalate	7.11	U	11.8	7.11	ug/L		09/24/24 16:43	09/25/24 19:44	1
3,3'-Dichlorobenzidine	13.0	U	13.0	13.0	ug/L		09/24/24 16:43	09/25/24 19:44	1
Diethyl phthalate	5.21	U	11.8	5.21	ug/L		09/24/24 16:43	09/25/24 19:44	1
Dimethyl phthalate	4.98	U	11.8	4.98	ug/L		09/24/24 16:43	09/25/24 19:44	1
2,4-Dinitrotoluene	6.04	U	11.8	6.04	ug/L		09/24/24 16:43	09/25/24 19:44	1
2,6-Dinitrotoluene	4.62	U	11.8	4.62	ug/L		09/24/24 16:43	09/25/24 19:44	1
1,1'-Biphenyl	4.27	U	11.8	4.27	ug/L		09/24/24 16:43	09/25/24 19:44	1
Bis(2-ethylhexyl) phthalate	10.5	U	11.8	10.5	ug/L		09/24/24 16:43	09/25/24 19:44	1
Hexachlorobenzene	11.5	U	11.8	11.5	ug/L		09/24/24 16:43	09/25/24 19:44	1
Hexachlorobutadiene	4.38	U	11.8	4.38	ug/L		09/24/24 16:43	09/25/24 19:44	1
Hexachlorocyclopentadiene	5.33	U	23.7	5.33	ug/L		09/24/24 16:43	09/25/24 19:44	1
Hexachloroethane	6.16	U	11.8	6.16	ug/L		09/24/24 16:43	09/25/24 19:44	1
Isophorone	6.16	U	11.8	6.16	ug/L		09/24/24 16:43	09/25/24 19:44	1

Client Sample ID: B3

Date Collected: 09/17/24 09:36
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-5

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	5.57	U	11.8	5.57	ug/L		09/24/24 16:43	09/25/24 19:44	1
4-Nitroaniline	4.86	U	11.8	4.86	ug/L		09/24/24 16:43	09/25/24 19:44	1
Nitrobenzene	5.57	U	11.8	5.57	ug/L		09/24/24 16:43	09/25/24 19:44	1
n-Nitrosodiphenylamine(as diphenylamine)	4.38	U	11.8	4.38	ug/L		09/24/24 16:43	09/25/24 19:44	1
N-Nitrosodi-n-propylamine	2.96	U	11.8	2.96	ug/L		09/24/24 16:43	09/25/24 19:44	1
2,2'-oxybis(1-chloropropane)	2.13	U	11.8	2.13	ug/L		09/24/24 16:43	09/25/24 19:44	1
2-Nitroaniline	5.92	U	11.8	5.92	ug/L		09/24/24 16:43	09/25/24 19:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*105*		*10 - 150*	*09/24/24 16:43*	*09/25/24 19:44*	*1*
2-Fluorobiphenyl	*56*		*21 - 114*	*09/24/24 16:43*	*09/25/24 19:44*	*1*
2-Fluorophenol (Surr)	*52*		*10 - 105*	*09/24/24 16:43*	*09/25/24 19:44*	*1*
Nitrobenzene-d5 (Surr)	*75*		*16 - 127*	*09/24/24 16:43*	*09/25/24 19:44*	*1*
Phenol-d5 (Surr)	*37*		*10 - 129*	*09/24/24 16:43*	*09/25/24 19:44*	*1*
Terphenyl-d14 (Surr)	*73*		*13 - 150*	*09/24/24 16:43*	*09/25/24 19:44*	*1*

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	**0.00479**	**J**	0.0100	0.00135	mg/L		09/25/24 14:00	09/26/24 10:06	1
Arsenic, Dissolved	0.00810	U	0.0300	0.00810	mg/L		09/25/24 14:00	09/26/24 11:18	2
Barium, Dissolved	**0.122**	**J**	0.200	0.00131	mg/L		09/25/24 14:00	09/26/24 10:06	1
Cadmium, Dissolved	**0.00430**	**J**	0.00500	0.000450	mg/L		09/25/24 14:00	09/26/24 10:06	1
Chromium, Dissolved	**0.00427**	**J**	0.0100	0.000758	mg/L		09/25/24 14:00	09/26/24 10:06	1
Lead, Dissolved	0.00277	U	0.0100	0.00277	mg/L		09/25/24 14:00	09/26/24 10:06	1
Selenium, Dissolved	0.0119	U	0.0400	0.0119	mg/L		09/25/24 14:00	09/26/24 11:18	2

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.130	U	0.200	0.130	ug/L		09/25/24 14:00	09/26/24 11:37	1

Client Sample ID: B2

Date Collected: 09/17/24 10:40
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-6

Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.240	U	1.00	0.240	ug/L			09/26/24 15:24	1
Dichlorobromomethane	0.500	U	1.00	0.500	ug/L			09/26/24 15:24	1
Acetone	10.0	U *+	25.0	10.0	ug/L			09/26/24 15:24	1
Bromoform	0.250	U	5.00	0.250	ug/L			09/26/24 15:24	1
2-Butanone (MEK)	2.60	U *+	25.0	2.60	ug/L			09/26/24 15:24	1
Carbon disulfide	0.500	U	1.00	0.500	ug/L			09/26/24 15:24	1
Bromomethane	0.980	U	1.00	0.980	ug/L			09/26/24 15:24	1
Carbon tetrachloride	0.190	U	1.00	0.190	ug/L			09/26/24 15:24	1
Chlorobenzene	0.420	U	1.00	0.420	ug/L			09/26/24 15:24	1
Chloroethane	0.760	U	1.00	0.760	ug/L			09/26/24 15:24	1
Chloroform	0.900	U	1.00	0.900	ug/L			09/26/24 15:24	1
Chloromethane	0.400	U	1.00	0.400	ug/L			09/26/24 15:24	1
Chlorodibromomethane	0.240	U	1.00	0.240	ug/L			09/26/24 15:24	1
1,2-Dibromo-3-Chloropropane	1.50	U	5.00	1.50	ug/L			09/26/24 15:24	1
Ethylene Dibromide	0.230	U	1.00	0.230	ug/L			09/26/24 15:24	1
1,2-Dichlorobenzene	0.500	U	1.00	0.500	ug/L			09/26/24 15:24	1
1,3-Dichlorobenzene	0.540	U	1.00	0.540	ug/L			09/26/24 15:24	1
Dichlorodifluoromethane	0.850	U	1.00	0.850	ug/L			09/26/24 15:24	1
1,1-Dichloroethane	0.500	U	1.00	0.500	ug/L			09/26/24 15:24	1
1,2-Dichloroethane	0.550	U	1.00	0.550	ug/L			09/26/24 15:24	1
1,1-Dichloroethene	0.500	U	1.00	0.500	ug/L			09/26/24 15:24	1
cis-1,2-Dichloroethene	0.200	U	1.00	0.200	ug/L			09/26/24 15:24	1
trans-1,2-Dichloroethene	0.500	U	1.00	0.500	ug/L			09/26/24 15:24	1
1,2-Dichloropropane	0.500	U	1.00	0.500	ug/L			09/26/24 15:24	1
cis-1,3-Dichloropropene	0.500	U	5.00	0.500	ug/L			09/26/24 15:24	1
trans-1,3-Dichloropropene	0.200	U	5.00	0.200	ug/L			09/26/24 15:24	1
Ethylbenzene	0.500	U	1.00	0.500	ug/L			09/26/24 15:24	1
2-Hexanone	4.26	U *+	25.0	4.26	ug/L			09/26/24 15:24	1
Isopropylbenzene	0.530	U	1.00	0.530	ug/L			09/26/24 15:24	1
Methyl acetate	0.610	U	5.00	0.610	ug/L			09/26/24 15:24	1
Methylene Chloride	3.00	U	5.00	3.00	ug/L			09/26/24 15:24	1
Methylcyclohexane	0.500	U	1.00	0.500	ug/L			09/26/24 15:24	1
Methyl tert-butyl ether	0.220	U	1.00	0.220	ug/L			09/26/24 15:24	1
4-Methyl-2-pentanone (MIBK)	1.80	U	25.0	1.80	ug/L			09/26/24 15:24	1
Styrene	1.00	U	1.00	1.00	ug/L			09/26/24 15:24	1
1,1,2,2-Tetrachloroethane	0.500	U	1.00	0.500	ug/L			09/26/24 15:24	1
Tetrachloroethene	0.330	U	1.00	0.330	ug/L			09/26/24 15:24	1
Toluene	0.900	U	1.00	0.900	ug/L			09/26/24 15:24	1
Trichloroethene	0.150	U	1.00	0.150	ug/L			09/26/24 15:24	1
Trichlorofluoromethane	0.250	U	1.00	0.250	ug/L			09/26/24 15:24	1
1,1,1-Trichloroethane	0.180	U	1.00	0.180	ug/L			09/26/24 15:24	1
1,1,2-Trichloroethane	0.210	U	5.00	0.210	ug/L			09/26/24 15:24	1
Vinyl chloride	0.500	U	1.00	0.500	ug/L			09/26/24 15:24	1
Xylenes, Total	6.00	U	10.0	6.00	ug/L			09/26/24 15:24	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.500	U	1.00	0.500	ug/L			09/26/24 15:24	1
1,4-Dichlorobenzene	0.640	U	1.00	0.640	ug/L			09/26/24 15:24	1
1,2,3-Trichlorobenzene	0.900	U	1.00	0.900	ug/L			09/26/24 15:24	1
Chlorobromomethane	0.520	U	1.00	0.520	ug/L			09/26/24 15:24	1
Cyclohexane	0.240	U	1.00	0.240	ug/L			09/26/24 15:24	1

Client Sample ID: B2
Date Collected: 09/17/24 10:40
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-6
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.820	U	1.00	0.820	ug/L			09/26/24 15:24	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*87*		*72 - 130*		*09/26/24 15:24*	*1*
Toluene-d8 (Surr)	*95*		*64 - 132*		*09/26/24 15:24*	*1*
Dibromofluoromethane	*113*		*75 - 126*		*09/26/24 15:24*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	5.29	U	10.6	5.29	ug/L		09/24/24 16:43	09/25/24 22:20	1
4-Chloro-3-methylphenol	5.60	U	10.6	5.60	ug/L		09/24/24 16:43	09/25/24 22:20	1
2-Chlorophenol	4.34	U	10.6	4.34	ug/L		09/24/24 16:43	09/25/24 22:20	1
2,4-Dichlorophenol	4.55	U	10.6	4.55	ug/L		09/24/24 16:43	09/25/24 22:20	1
2,4-Dimethylphenol	5.50	U *+	10.6	5.50	ug/L		09/24/24 16:43	09/25/24 22:20	1
4,6-Dinitro-2-methylphenol	10.6	U	10.6	10.6	ug/L		09/24/24 16:43	09/25/24 22:20	1
2,4-Dinitrophenol	4.86	U	31.7	4.86	ug/L		09/24/24 16:43	09/25/24 22:20	1
2-Methylphenol	3.38	U	10.6	3.38	ug/L		09/24/24 16:43	09/25/24 22:20	1
3 & 4 Methylphenol	4.86	U	21.2	4.86	ug/L		09/24/24 16:43	09/25/24 22:20	1
2-Nitrophenol	4.86	U	10.6	4.86	ug/L		09/24/24 16:43	09/25/24 22:20	1
4-Nitrophenol	3.49	U	10.6	3.49	ug/L		09/24/24 16:43	09/25/24 22:20	1
Pentachlorophenol	12.6	U	21.2	12.6	ug/L		09/24/24 16:43	09/25/24 22:20	1
Phenol	4.44	U	10.6	4.44	ug/L		09/24/24 16:43	09/25/24 22:20	1
2,4,5-Trichlorophenol	4.23	U	10.6	4.23	ug/L		09/24/24 16:43	09/25/24 22:20	1
2,4,6-Trichlorophenol	3.70	U	10.6	3.70	ug/L		09/24/24 16:43	09/25/24 22:20	1
Acetophenone	5.39	U	10.6	5.39	ug/L		09/24/24 16:43	09/25/24 22:20	1
Benzaldehyde	2.43	U	10.6	2.43	ug/L		09/24/24 16:43	09/25/24 22:20	1
4-Bromophenyl phenyl ether	9.09	U	10.6	9.09	ug/L		09/24/24 16:43	09/25/24 22:20	1
Butyl benzyl phthalate	6.13	U	10.6	6.13	ug/L		09/24/24 16:43	09/25/24 22:20	1
Caprolactam	2.54	U	10.6	2.54	ug/L		09/24/24 16:43	09/25/24 22:20	1
Carbazole	5.29	U	10.6	5.29	ug/L		09/24/24 16:43	09/25/24 22:20	1
4-Chloroaniline	4.97	U	10.6	4.97	ug/L		09/24/24 16:43	09/25/24 22:20	1
Bis(2-chloroethoxy)methane	4.86	U	10.6	4.86	ug/L		09/24/24 16:43	09/25/24 22:20	1
Bis(2-chloroethyl)ether	4.12	U	10.6	4.12	ug/L		09/24/24 16:43	09/25/24 22:20	1
2-Chloronaphthalene	4.02	U	10.6	4.02	ug/L		09/24/24 16:43	09/25/24 22:20	1
4-Chlorophenyl phenyl ether	3.91	U	10.6	3.91	ug/L		09/24/24 16:43	09/25/24 22:20	1
Dibenzofuran	4.23	U	10.6	4.23	ug/L		09/24/24 16:43	09/25/24 22:20	1
Di-n-butyl phthalate	**26.8**	**B**	10.6	4.86	ug/L		09/24/24 16:43	09/25/24 22:20	1
Di-n-octyl phthalate	6.35	U	10.6	6.35	ug/L		09/24/24 16:43	09/25/24 22:20	1
3,3'-Dichlorobenzidine	11.6	U	11.6	11.6	ug/L		09/24/24 16:43	09/25/24 22:20	1
Diethyl phthalate	4.65	U	10.6	4.65	ug/L		09/24/24 16:43	09/25/24 22:20	1
Dimethyl phthalate	4.44	U	10.6	4.44	ug/L		09/24/24 16:43	09/25/24 22:20	1
2,4-Dinitrotoluene	5.39	U	10.6	5.39	ug/L		09/24/24 16:43	09/25/24 22:20	1
2,6-Dinitrotoluene	4.12	U	10.6	4.12	ug/L		09/24/24 16:43	09/25/24 22:20	1
1,1'-Biphenyl	3.81	U	10.6	3.81	ug/L		09/24/24 16:43	09/25/24 22:20	1
Bis(2-ethylhexyl) phthalate	9.41	U	10.6	9.41	ug/L		09/24/24 16:43	09/25/24 22:20	1
Hexachlorobenzene	10.3	U	10.6	10.3	ug/L		09/24/24 16:43	09/25/24 22:20	1
Hexachlorobutadiene	3.91	U	10.6	3.91	ug/L		09/24/24 16:43	09/25/24 22:20	1
Hexachlorocyclopentadiene	4.76	U	21.2	4.76	ug/L		09/24/24 16:43	09/25/24 22:20	1
Hexachloroethane	5.50	U	10.6	5.50	ug/L		09/24/24 16:43	09/25/24 22:20	1
Isophorone	5.50	U	10.6	5.50	ug/L		09/24/24 16:43	09/25/24 22:20	1

Client Sample ID: B2
Date Collected: 09/17/24 10:40
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-6
Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	4.97	U	10.6	4.97	ug/L		09/24/24 16:43	09/25/24 22:20	1
4-Nitroaniline	4.34	U	10.6	4.34	ug/L		09/24/24 16:43	09/25/24 22:20	1
Nitrobenzene	4.97	U	10.6	4.97	ug/L		09/24/24 16:43	09/25/24 22:20	1
n-Nitrosodiphenylamine(as diphenylamine)	3.91	U	10.6	3.91	ug/L		09/24/24 16:43	09/25/24 22:20	1
N-Nitrosodi-n-propylamine	2.64	U	10.6	2.64	ug/L		09/24/24 16:43	09/25/24 22:20	1
2,2'-oxybis(1-chloropropane)	1.90	U	10.6	1.90	ug/L		09/24/24 16:43	09/25/24 22:20	1
2-Nitroaniline	5.29	U	10.6	5.29	ug/L		09/24/24 16:43	09/25/24 22:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*99*		*10 - 150*	*09/24/24 16:43*	*09/25/24 22:20*	*1*
2-Fluorobiphenyl	*55*		*21 - 114*	*09/24/24 16:43*	*09/25/24 22:20*	*1*
2-Fluorophenol (Surr)	*36*		*10 - 105*	*09/24/24 16:43*	*09/25/24 22:20*	*1*
Nitrobenzene-d5 (Surr)	*69*		*16 - 127*	*09/24/24 16:43*	*09/25/24 22:20*	*1*
Phenol-d5 (Surr)	*31*		*10 - 129*	*09/24/24 16:43*	*09/25/24 22:20*	*1*
Terphenyl-d14 (Surr)	*69*		*13 - 150*	*09/24/24 16:43*	*09/25/24 22:20*	*1*

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	**0.00226**	**J**	0.0100	0.00135	mg/L		09/25/24 14:00	09/26/24 10:11	1
Arsenic, Dissolved	**0.0136**	**J**	0.0150	0.00405	mg/L		09/25/24 14:00	09/26/24 10:11	1
Barium, Dissolved	**0.0544**	**J**	0.200	0.00131	mg/L		09/25/24 14:00	09/26/24 10:11	1
Cadmium, Dissolved	**0.00339**	**J**	0.00500	0.000450	mg/L		09/25/24 14:00	09/26/24 10:11	1
Chromium, Dissolved	**0.00369**	**J**	0.0100	0.000758	mg/L		09/25/24 14:00	09/26/24 10:11	1
Lead, Dissolved	0.00277	U	0.0100	0.00277	mg/L		09/25/24 14:00	09/26/24 10:11	1
Selenium, Dissolved	0.00596	U	0.0200	0.00596	mg/L		09/25/24 14:00	09/26/24 10:11	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.130	U	0.200	0.130	ug/L		09/25/24 14:00	09/26/24 11:39	1

Client Sample ID: B1

Date Collected: 09/17/24 11:52
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.240	U	1.00	0.240	ug/L			09/26/24 15:46	1
Dichlorobromomethane	0.500	U	1.00	0.500	ug/L			09/26/24 15:46	1
Acetone	10.0	U *+	25.0	10.0	ug/L			09/26/24 15:46	1
Bromoform	0.250	U	5.00	0.250	ug/L			09/26/24 15:46	1
2-Butanone (MEK)	2.60	U *+	25.0	2.60	ug/L			09/26/24 15:46	1
Carbon disulfide	0.500	U	1.00	0.500	ug/L			09/26/24 15:46	1
Bromomethane	0.980	U	1.00	0.980	ug/L			09/26/24 15:46	1
Carbon tetrachloride	0.190	U	1.00	0.190	ug/L			09/26/24 15:46	1
Chlorobenzene	0.420	U	1.00	0.420	ug/L			09/26/24 15:46	1
Chloroethane	0.760	U	1.00	0.760	ug/L			09/26/24 15:46	1
Chloroform	0.900	U	1.00	0.900	ug/L			09/26/24 15:46	1
Chloromethane	0.400	U	1.00	0.400	ug/L			09/26/24 15:46	1
Chlorodibromomethane	0.240	U	1.00	0.240	ug/L			09/26/24 15:46	1
1,2-Dibromo-3-Chloropropane	1.50	U	5.00	1.50	ug/L			09/26/24 15:46	1
Ethylene Dibromide	0.230	U	1.00	0.230	ug/L			09/26/24 15:46	1
1,2-Dichlorobenzene	0.500	U	1.00	0.500	ug/L			09/26/24 15:46	1
1,3-Dichlorobenzene	0.540	U	1.00	0.540	ug/L			09/26/24 15:46	1
Dichlorodifluoromethane	0.850	U	1.00	0.850	ug/L			09/26/24 15:46	1
1,1-Dichloroethane	0.500	U	1.00	0.500	ug/L			09/26/24 15:46	1
1,2-Dichloroethane	0.550	U	1.00	0.550	ug/L			09/26/24 15:46	1
1,1-Dichloroethene	0.500	U	1.00	0.500	ug/L			09/26/24 15:46	1
cis-1,2-Dichloroethene	0.200	U	1.00	0.200	ug/L			09/26/24 15:46	1
trans-1,2-Dichloroethene	0.500	U	1.00	0.500	ug/L			09/26/24 15:46	1
1,2-Dichloropropane	0.500	U	1.00	0.500	ug/L			09/26/24 15:46	1
cis-1,3-Dichloropropene	0.500	U	5.00	0.500	ug/L			09/26/24 15:46	1
trans-1,3-Dichloropropene	0.200	U	5.00	0.200	ug/L			09/26/24 15:46	1
Ethylbenzene	0.500	U	1.00	0.500	ug/L			09/26/24 15:46	1
2-Hexanone	4.26	U *+	25.0	4.26	ug/L			09/26/24 15:46	1
Isopropylbenzene	0.530	U	1.00	0.530	ug/L			09/26/24 15:46	1
Methyl acetate	0.610	U	5.00	0.610	ug/L			09/26/24 15:46	1
Methylene Chloride	3.00	U	5.00	3.00	ug/L			09/26/24 15:46	1
Methylcyclohexane	0.500	U	1.00	0.500	ug/L			09/26/24 15:46	1
Methyl tert-butyl ether	0.220	U	1.00	0.220	ug/L			09/26/24 15:46	1
4-Methyl-2-pentanone (MIBK)	1.80	U	25.0	1.80	ug/L			09/26/24 15:46	1
Styrene	1.00	U	1.00	1.00	ug/L			09/26/24 15:46	1
1,1,2,2-Tetrachloroethane	0.500	U	1.00	0.500	ug/L			09/26/24 15:46	1
Tetrachloroethene	0.330	U	1.00	0.330	ug/L			09/26/24 15:46	1
Toluene	0.900	U	1.00	0.900	ug/L			09/26/24 15:46	1
Trichloroethene	0.150	U	1.00	0.150	ug/L			09/26/24 15:46	1
Trichlorofluoromethane	0.250	U	1.00	0.250	ug/L			09/26/24 15:46	1
1,1,1-Trichloroethane	0.180	U	1.00	0.180	ug/L			09/26/24 15:46	1
1,1,2-Trichloroethane	0.210	U	5.00	0.210	ug/L			09/26/24 15:46	1
Vinyl chloride	0.500	U	1.00	0.500	ug/L			09/26/24 15:46	1
Xylenes, Total	6.00	U	10.0	6.00	ug/L			09/26/24 15:46	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.500	U	1.00	0.500	ug/L			09/26/24 15:46	1
1,4-Dichlorobenzene	0.640	U	1.00	0.640	ug/L			09/26/24 15:46	1
1,2,3-Trichlorobenzene	0.900	U	1.00	0.900	ug/L			09/26/24 15:46	1
Chlorobromomethane	0.520	U	1.00	0.520	ug/L			09/26/24 15:46	1
Cyclohexane	0.240	U	1.00	0.240	ug/L			09/26/24 15:46	1

Client Sample ID: B1
Date Collected: 09/17/24 11:52
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-7
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.820	U	1.00	0.820	ug/L			09/26/24 15:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*88*		*72 - 130*		*09/26/24 15:46*	*1*
Toluene-d8 (Surr)	*94*		*64 - 132*		*09/26/24 15:46*	*1*
Dibromofluoromethane	*107*		*75 - 126*		*09/26/24 15:46*	*1*

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	5.83	U	11.7	5.83	ug/L		09/24/24 16:43	09/25/24 22:42	1
4-Chloro-3-methylphenol	6.18	U	11.7	6.18	ug/L		09/24/24 16:43	09/25/24 22:42	1
2-Chlorophenol	4.78	U	11.7	4.78	ug/L		09/24/24 16:43	09/25/24 22:42	1
2,4-Dichlorophenol	5.01	U	11.7	5.01	ug/L		09/24/24 16:43	09/25/24 22:42	1
2,4-Dimethylphenol	6.06	U *+	11.7	6.06	ug/L		09/24/24 16:43	09/25/24 22:42	1
4,6-Dinitro-2-methylphenol	11.7	U	11.7	11.7	ug/L		09/24/24 16:43	09/25/24 22:42	1
2,4-Dinitrophenol	5.36	U	35.0	5.36	ug/L		09/24/24 16:43	09/25/24 22:42	1
2-Methylphenol	3.73	U	11.7	3.73	ug/L		09/24/24 16:43	09/25/24 22:42	1
3 & 4 Methylphenol	5.36	U	23.3	5.36	ug/L		09/24/24 16:43	09/25/24 22:42	1
2-Nitrophenol	5.36	U	11.7	5.36	ug/L		09/24/24 16:43	09/25/24 22:42	1
4-Nitrophenol	3.85	U	11.7	3.85	ug/L		09/24/24 16:43	09/25/24 22:42	1
Pentachlorophenol	13.9	U	23.3	13.9	ug/L		09/24/24 16:43	09/25/24 22:42	1
Phenol	4.90	U	11.7	4.90	ug/L		09/24/24 16:43	09/25/24 22:42	1
2,4,5-Trichlorophenol	4.66	U	11.7	4.66	ug/L		09/24/24 16:43	09/25/24 22:42	1
2,4,6-Trichlorophenol	4.08	U	11.7	4.08	ug/L		09/24/24 16:43	09/25/24 22:42	1
Acetophenone	5.95	U	11.7	5.95	ug/L		09/24/24 16:43	09/25/24 22:42	1
Benzaldehyde	2.68	U	11.7	2.68	ug/L		09/24/24 16:43	09/25/24 22:42	1
4-Bromophenyl phenyl ether	10.0	U	11.7	10.0	ug/L		09/24/24 16:43	09/25/24 22:42	1
Butyl benzyl phthalate	6.76	U	11.7	6.76	ug/L		09/24/24 16:43	09/25/24 22:42	1
Caprolactam	2.80	U	11.7	2.80	ug/L		09/24/24 16:43	09/25/24 22:42	1
Carbazole	5.83	U	11.7	5.83	ug/L		09/24/24 16:43	09/25/24 22:42	1
4-Chloroaniline	5.48	U	11.7	5.48	ug/L		09/24/24 16:43	09/25/24 22:42	1
Bis(2-chloroethoxy)methane	5.36	U	11.7	5.36	ug/L		09/24/24 16:43	09/25/24 22:42	1
Bis(2-chloroethyl)ether	4.55	U	11.7	4.55	ug/L		09/24/24 16:43	09/25/24 22:42	1
2-Chloronaphthalene	4.43	U	11.7	4.43	ug/L		09/24/24 16:43	09/25/24 22:42	1
4-Chlorophenyl phenyl ether	4.31	U	11.7	4.31	ug/L		09/24/24 16:43	09/25/24 22:42	1
Dibenzofuran	4.66	U	11.7	4.66	ug/L		09/24/24 16:43	09/25/24 22:42	1
Di-n-butyl phthalate	**52.7**	**B**	11.7	5.36	ug/L		09/24/24 16:43	09/25/24 22:42	1
Di-n-octyl phthalate	7.00	U	11.7	7.00	ug/L		09/24/24 16:43	09/25/24 22:42	1
3,3'-Dichlorobenzidine	12.8	U	12.8	12.8	ug/L		09/24/24 16:43	09/25/24 22:42	1
Diethyl phthalate	5.13	U	11.7	5.13	ug/L		09/24/24 16:43	09/25/24 22:42	1
Dimethyl phthalate	4.90	U	11.7	4.90	ug/L		09/24/24 16:43	09/25/24 22:42	1
2,4-Dinitrotoluene	5.95	U	11.7	5.95	ug/L		09/24/24 16:43	09/25/24 22:42	1
2,6-Dinitrotoluene	4.55	U	11.7	4.55	ug/L		09/24/24 16:43	09/25/24 22:42	1
1,1'-Biphenyl	4.20	U	11.7	4.20	ug/L		09/24/24 16:43	09/25/24 22:42	1
Bis(2-ethylhexyl) phthalate	10.4	U	11.7	10.4	ug/L		09/24/24 16:43	09/25/24 22:42	1
Hexachlorobenzene	11.3	U	11.7	11.3	ug/L		09/24/24 16:43	09/25/24 22:42	1
Hexachlorobutadiene	4.31	U	11.7	4.31	ug/L		09/24/24 16:43	09/25/24 22:42	1
Hexachlorocyclopentadiene	5.25	U	23.3	5.25	ug/L		09/24/24 16:43	09/25/24 22:42	1
Hexachloroethane	6.06	U	11.7	6.06	ug/L		09/24/24 16:43	09/25/24 22:42	1
Isophorone	6.06	U	11.7	6.06	ug/L		09/24/24 16:43	09/25/24 22:42	1

Client Sample ID: B1

Date Collected: 09/17/24 11:52
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-7

Matrix: Water

Method: SW846 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
3-Nitroaniline	5.48	U	11.7	5.48	ug/L		09/24/24 16:43	09/25/24 22:42	1
4-Nitroaniline	4.78	U	11.7	4.78	ug/L		09/24/24 16:43	09/25/24 22:42	1
Nitrobenzene	5.48	U	11.7	5.48	ug/L		09/24/24 16:43	09/25/24 22:42	1
n-Nitrosodiphenylamine(as diphenylamine)	4.31	U	11.7	4.31	ug/L		09/24/24 16:43	09/25/24 22:42	1
N-Nitrosodi-n-propylamine	2.92	U	11.7	2.92	ug/L		09/24/24 16:43	09/25/24 22:42	1
2,2'-oxybis(1-chloropropane)	2.10	U	11.7	2.10	ug/L		09/24/24 16:43	09/25/24 22:42	1
2-Nitroaniline	5.83	U	11.7	5.83	ug/L		09/24/24 16:43	09/25/24 22:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*100*		*10 - 150*	*09/24/24 16:43*	*09/25/24 22:42*	*1*
2-Fluorobiphenyl	*54*		*21 - 114*	*09/24/24 16:43*	*09/25/24 22:42*	*1*
2-Fluorophenol (Surr)	*36*		*10 - 105*	*09/24/24 16:43*	*09/25/24 22:42*	*1*
Nitrobenzene-d5 (Surr)	*70*		*16 - 127*	*09/24/24 16:43*	*09/25/24 22:42*	*1*
Phenol-d5 (Surr)	*32*		*10 - 129*	*09/24/24 16:43*	*09/25/24 22:42*	*1*
Terphenyl-d14 (Surr)	*65*		*13 - 150*	*09/24/24 16:43*	*09/25/24 22:42*	*1*

Method: SW846 6010D - Metals (ICP) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Silver, Dissolved	0.00135	U	0.0100	0.00135	mg/L		09/25/24 14:00	09/26/24 10:24	1
Arsenic, Dissolved	**0.00939**	**J**	0.0150	0.00405	mg/L		09/25/24 14:00	09/26/24 10:24	1
Barium, Dissolved	**0.0340**	**J**	0.200	0.00131	mg/L		09/25/24 14:00	09/26/24 10:24	1
Cadmium, Dissolved	**0.000453**	**J**	0.00500	0.000450	mg/L		09/25/24 14:00	09/26/24 10:24	1
Chromium, Dissolved	**0.00109**	**J**	0.0100	0.000758	mg/L		09/25/24 14:00	09/26/24 10:24	1
Lead, Dissolved	0.00277	U	0.0100	0.00277	mg/L		09/25/24 14:00	09/26/24 10:24	1
Selenium, Dissolved	0.00596	U	0.0200	0.00596	mg/L		09/25/24 14:00	09/26/24 10:24	1

Method: SW846 7470A - Mercury (CVAA) - Dissolved

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.130	U	0.200	0.130	ug/L		09/25/24 14:00	09/26/24 11:41	1

Client Sample ID: TRIP BLANKS

Lab Sample ID: 400-262754-8

Date Collected: 09/17/24 00:00
Matrix: Water
Date Received: 09/19/24 09:38

Method: SW846 8260D - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.240	U	1.00	0.240	ug/L			09/26/24 16:08	1
Dichlorobromomethane	0.500	U	1.00	0.500	ug/L			09/26/24 16:08	1
Acetone	10.0	U *+	25.0	10.0	ug/L			09/26/24 16:08	1
Bromoform	0.250	U	5.00	0.250	ug/L			09/26/24 16:08	1
2-Butanone (MEK)	2.60	U *+	25.0	2.60	ug/L			09/26/24 16:08	1
Carbon disulfide	0.500	U	1.00	0.500	ug/L			09/26/24 16:08	1
Bromomethane	0.980	U	1.00	0.980	ug/L			09/26/24 16:08	1
Carbon tetrachloride	0.190	U	1.00	0.190	ug/L			09/26/24 16:08	1
Chlorobenzene	0.420	U	1.00	0.420	ug/L			09/26/24 16:08	1
Chloroethane	0.760	U	1.00	0.760	ug/L			09/26/24 16:08	1
Chloroform	0.900	U	1.00	0.900	ug/L			09/26/24 16:08	1
Chloromethane	0.400	U	1.00	0.400	ug/L			09/26/24 16:08	1
Chlorodibromomethane	0.240	U	1.00	0.240	ug/L			09/26/24 16:08	1
1,2-Dibromo-3-Chloropropane	1.50	U	5.00	1.50	ug/L			09/26/24 16:08	1
Ethylene Dibromide	0.230	U	1.00	0.230	ug/L			09/26/24 16:08	1
1,2-Dichlorobenzene	0.500	U	1.00	0.500	ug/L			09/26/24 16:08	1
1,3-Dichlorobenzene	0.540	U	1.00	0.540	ug/L			09/26/24 16:08	1
Dichlorodifluoromethane	0.850	U	1.00	0.850	ug/L			09/26/24 16:08	1
1,1-Dichloroethane	0.500	U	1.00	0.500	ug/L			09/26/24 16:08	1
1,2-Dichloroethane	0.550	U	1.00	0.550	ug/L			09/26/24 16:08	1
1,1-Dichloroethene	0.500	U	1.00	0.500	ug/L			09/26/24 16:08	1
cis-1,2-Dichloroethene	0.200	U	1.00	0.200	ug/L			09/26/24 16:08	1
trans-1,2-Dichloroethene	0.500	U	1.00	0.500	ug/L			09/26/24 16:08	1
1,2-Dichloropropane	0.500	U	1.00	0.500	ug/L			09/26/24 16:08	1
cis-1,3-Dichloropropene	0.500	U	5.00	0.500	ug/L			09/26/24 16:08	1
trans-1,3-Dichloropropene	0.200	U	5.00	0.200	ug/L			09/26/24 16:08	1
Ethylbenzene	0.500	U	1.00	0.500	ug/L			09/26/24 16:08	1
2-Hexanone	4.26	U *+	25.0	4.26	ug/L			09/26/24 16:08	1
Isopropylbenzene	0.530	U	1.00	0.530	ug/L			09/26/24 16:08	1
Methyl acetate	0.610	U	5.00	0.610	ug/L			09/26/24 16:08	1
Methylene Chloride	3.00	U	5.00	3.00	ug/L			09/26/24 16:08	1
Methylcyclohexane	0.500	U	1.00	0.500	ug/L			09/26/24 16:08	1
Methyl tert-butyl ether	0.220	U	1.00	0.220	ug/L			09/26/24 16:08	1
4-Methyl-2-pentanone (MIBK)	1.80	U	25.0	1.80	ug/L			09/26/24 16:08	1
Styrene	1.00	U	1.00	1.00	ug/L			09/26/24 16:08	1
1,1,2,2-Tetrachloroethane	0.500	U	1.00	0.500	ug/L			09/26/24 16:08	1
Tetrachloroethene	0.330	U	1.00	0.330	ug/L			09/26/24 16:08	1
Toluene	0.900	U	1.00	0.900	ug/L			09/26/24 16:08	1
Trichloroethene	0.150	U	1.00	0.150	ug/L			09/26/24 16:08	1
Trichlorofluoromethane	0.250	U	1.00	0.250	ug/L			09/26/24 16:08	1
1,1,1-Trichloroethane	0.180	U	1.00	0.180	ug/L			09/26/24 16:08	1
1,1,2-Trichloroethane	0.210	U	5.00	0.210	ug/L			09/26/24 16:08	1
Vinyl chloride	0.500	U	1.00	0.500	ug/L			09/26/24 16:08	1
Xylenes, Total	6.00	U	10.0	6.00	ug/L			09/26/24 16:08	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.500	U	1.00	0.500	ug/L			09/26/24 16:08	1
1,4-Dichlorobenzene	0.640	U	1.00	0.640	ug/L			09/26/24 16:08	1
1,2,3-Trichlorobenzene	0.900	U	1.00	0.900	ug/L			09/26/24 16:08	1
Chlorobromomethane	0.520	U	1.00	0.520	ug/L			09/26/24 16:08	1
Cyclohexane	0.240	U	1.00	0.240	ug/L			09/26/24 16:08	1

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

Client Sample ID: TRIP BLANKS
Date Collected: 09/17/24 00:00
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-8
Matrix: Water

Method: SW846 8260D - Volatile Organic Compounds by GC/MS (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	0.820	U	1.00	0.820	ug/L			09/26/24 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*94*		*72 - 130*		*09/26/24 16:08*	*1*
Toluene-d8 (Surr)	*96*		*64 - 132*		*09/26/24 16:08*	*1*
Dibromofluoromethane	*111*		*75 - 126*		*09/26/24 16:08*	*1*

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
U	Indicates the analyte was analyzed for but not detected.

GC/MS Semi VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
F1	MS and/or MSD recovery exceeds control limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Metals

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
U	Indicates the analyte was analyzed for but not detected.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Surrogate Summary

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(67-130)	(76-127)	(77-127)
400-262754-1	B3-14-15	94	97	104
400-262754-2	B2-22-23	91	95	102
400-262754-3	B1-16-17	91	94	103
LCS 400-685703/1-A	Lab Control Sample	88	97	99
MB 400-685703/2-A	Method Blank	95	97	98

Surrogate Legend

BFB = 4-Bromofluorobenzene
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane

Method: 8260D - Volatile Organic Compounds by GC/MS

Matrix: Water **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
		BFB	TOL	DBFM
Lab Sample ID	Client Sample ID	(72-130)	(64-132)	(75-126)
400-262754-5	B3	93	101	111
400-262754-6	B2	87	95	113
400-262754-7	B1	88	94	107
400-262754-8	TRIP BLANKS	94	96	111
LCS 400-685806/1002	Lab Control Sample	101	102	95
MB 400-685806/4	Method Blank	93	97	110

Surrogate Legend

BFB = 4-Bromofluorobenzene
TOL = Toluene-d8 (Surr)
DBFM = Dibromofluoromethane

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Solid **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)					
		FBP	2FP	NBZ	PHL	TPHL	TBP
Lab Sample ID	Client Sample ID	(27-127)	(25-128)	(15-136)	(29-130)	(24-146)	(10-150)
400-262754-1	B3-14-15	72	63	61	67	85	52
400-262754-1 MS	B3-14-15	72	62	68	69	80	57
400-262754-1 MSD	B3-14-15	73	63	73	70	80	59
400-262754-2	B2-22-23	74	55	63	63	85	52
400-262754-3	B1-16-17	79	63	70	71	92	54
LCS 400-685311/2-A	Lab Control Sample	68	50	73	65	79	57
MB 400-685311/1-A	Method Blank	79	53	72	70	95	62

Surrogate Legend

FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)
TBP = 2,4,6-Tribromophenol (Surr)

Surrogate Summary

Client: Lord and Winter, LLC
Job ID: 400-262754-1
Project/Site: 2256 Claremont Ct, Hayward, CA

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Matrix: Water
Prep Type: Total/NA

		Percent Surrogate Recovery (Acceptance Limits)					
Lab Sample ID	Client Sample ID	TBP (10-150)	FBP (21-114)	2FP (10-105)	NBZ (16-127)	PHL (10-129)	TPHL (13-150)
400-262754-5	B3	105	56	52	75	37	73
400-262754-6	B2	99	55	36	69	31	69
400-262754-7	B1	100	54	36	70	32	65
LCS 400-685605/2-A	Lab Control Sample	65	60	44	72	44	87
LCSD 400-685605/3-A	Lab Control Sample Dup	62	59	43	71	43	83
MB 400-685605/1-A	Method Blank	57	53	41	65	34	88

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
PHL = Phenol-d5 (Surr)
TPHL = Terphenyl-d14 (Surr)

GC/MS VOA

Analysis Batch: 685671

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-1	B3-14-15	Total/NA	Solid	8260D	685703
400-262754-2	B2-22-23	Total/NA	Solid	8260D	685703
400-262754-3	B1-16-17	Total/NA	Solid	8260D	685703
MB 400-685703/2-A	Method Blank	Total/NA	Solid	8260D	685703
LCS 400-685703/1-A	Lab Control Sample	Total/NA	Solid	8260D	685703

Prep Batch: 685703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-1	B3-14-15	Total/NA	Solid	5035	
400-262754-2	B2-22-23	Total/NA	Solid	5035	
400-262754-3	B1-16-17	Total/NA	Solid	5035	
MB 400-685703/2-A	Method Blank	Total/NA	Solid	5035	
LCS 400-685703/1-A	Lab Control Sample	Total/NA	Solid	5035	

Analysis Batch: 685806

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-5	B3	Total/NA	Water	8260D	
400-262754-6	B2	Total/NA	Water	8260D	
400-262754-7	B1	Total/NA	Water	8260D	
400-262754-8	TRIP BLANKS	Total/NA	Water	8260D	
MB 400-685806/4	Method Blank	Total/NA	Water	8260D	
LCS 400-685806/1002	Lab Control Sample	Total/NA	Water	8260D	

GC/MS Semi VOA

Prep Batch: 685311

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-1	B3-14-15	Total/NA	Solid	3546	
400-262754-2	B2-22-23	Total/NA	Solid	3546	
400-262754-3	B1-16-17	Total/NA	Solid	3546	
MB 400-685311/1-A	Method Blank	Total/NA	Solid	3546	
LCS 400-685311/2-A	Lab Control Sample	Total/NA	Solid	3546	
400-262754-1 MS	B3-14-15	Total/NA	Solid	3546	
400-262754-1 MSD	B3-14-15	Total/NA	Solid	3546	

Analysis Batch: 685471

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-1	B3-14-15	Total/NA	Solid	8270E	685311
400-262754-2	B2-22-23	Total/NA	Solid	8270E	685311
400-262754-3	B1-16-17	Total/NA	Solid	8270E	685311
MB 400-685311/1-A	Method Blank	Total/NA	Solid	8270E	685311
LCS 400-685311/2-A	Lab Control Sample	Total/NA	Solid	8270E	685311
400-262754-1 MS	B3-14-15	Total/NA	Solid	8270E	685311
400-262754-1 MSD	B3-14-15	Total/NA	Solid	8270E	685311

Prep Batch: 685605

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-5	B3	Total/NA	Water	3510C	
400-262754-6	B2	Total/NA	Water	3510C	
400-262754-7	B1	Total/NA	Water	3510C	
MB 400-685605/1-A	Method Blank	Total/NA	Water	3510C	

GC/MS Semi VOA (Continued)

Prep Batch: 685605 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 400-685605/2-A	Lab Control Sample	Total/NA	Water	3510C	
LCSD 400-685605/3-A	Lab Control Sample Dup	Total/NA	Water	3510C	

Analysis Batch: 685669

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 400-685605/1-A	Method Blank	Total/NA	Water	8270E	685605
LCS 400-685605/2-A	Lab Control Sample	Total/NA	Water	8270E	685605
LCSD 400-685605/3-A	Lab Control Sample Dup	Total/NA	Water	8270E	685605

Analysis Batch: 685733

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-5	B3	Total/NA	Water	8270E	685605
400-262754-6	B2	Total/NA	Water	8270E	685605
400-262754-7	B1	Total/NA	Water	8270E	685605

Metals

Filtration Batch: 628400

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-5	B3	Dissolved	Water	FILTRATION	
400-262754-6	B2	Dissolved	Water	FILTRATION	
400-262754-7	B1	Dissolved	Water	FILTRATION	

Prep Batch: 628406

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-5	B3	Dissolved	Water	3005A	628400
400-262754-6	B2	Dissolved	Water	3005A	628400
400-262754-7	B1	Dissolved	Water	3005A	628400
MB 240-628406/1-A	Method Blank	Total Recoverable	Water	3005A	
LCS 240-628406/2-A	Lab Control Sample	Total Recoverable	Water	3005A	

Prep Batch: 628412

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-5	B3	Dissolved	Water	7470A	628400
400-262754-6	B2	Dissolved	Water	7470A	628400
400-262754-7	B1	Dissolved	Water	7470A	628400
MB 240-628412/1-A	Method Blank	Total/NA	Water	7470A	
LCS 240-628412/2-A	Lab Control Sample	Total/NA	Water	7470A	

Prep Batch: 628429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-1	B3-14-15	Total/NA	Solid	3050B	
400-262754-2	B2-22-23	Total/NA	Solid	3050B	
400-262754-3	B1-16-17	Total/NA	Solid	3050B	
400-262754-4	COMP SAMPLE-DISPOSAL	Total/NA	Solid	3050B	
MB 240-628429/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 240-628429/2-A	Lab Control Sample	Total/NA	Solid	3050B	

Prep Batch: 628432

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-1	B3-14-15	Total/NA	Solid	7471B	

Metals (Continued)

Prep Batch: 628432 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-2	B2-22-23	Total/NA	Solid	7471B	
400-262754-3	B1-16-17	Total/NA	Solid	7471B	
400-262754-4	COMP SAMPLE-DISPOSAL	Total/NA	Solid	7471B	
MB 240-628432/1-A	Method Blank	Total/NA	Solid	7471B	
LCS 240-628432/2-A	Lab Control Sample	Total/NA	Solid	7471B	

Analysis Batch: 628488

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 240-628429/1-A	Method Blank	Total/NA	Solid	6010D	628429
LCS 240-628429/2-A	Lab Control Sample	Total/NA	Solid	6010D	628429

Analysis Batch: 628594

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-1	B3-14-15	Total/NA	Solid	7471B	628432
400-262754-2	B2-22-23	Total/NA	Solid	7471B	628432
400-262754-3	B1-16-17	Total/NA	Solid	7471B	628432
400-262754-4	COMP SAMPLE-DISPOSAL	Total/NA	Solid	7471B	628432
MB 240-628432/1-A	Method Blank	Total/NA	Solid	7471B	628432
LCS 240-628432/2-A	Lab Control Sample	Total/NA	Solid	7471B	628432

Analysis Batch: 628609

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-5	B3	Dissolved	Water	7470A	628412
400-262754-6	B2	Dissolved	Water	7470A	628412
400-262754-7	B1	Dissolved	Water	7470A	628412
MB 240-628412/1-A	Method Blank	Total/NA	Water	7470A	628412
LCS 240-628412/2-A	Lab Control Sample	Total/NA	Water	7470A	628412

Analysis Batch: 628651

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-5	B3	Dissolved	Water	6010D	628406
400-262754-5	B3	Dissolved	Water	6010D	628406
400-262754-6	B2	Dissolved	Water	6010D	628406
400-262754-7	B1	Dissolved	Water	6010D	628406
MB 240-628406/1-A	Method Blank	Total Recoverable	Water	6010D	628406
LCS 240-628406/2-A	Lab Control Sample	Total Recoverable	Water	6010D	628406

Analysis Batch: 628668

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-1	B3-14-15	Total/NA	Solid	6010D	628429
400-262754-2	B2-22-23	Total/NA	Solid	6010D	628429
400-262754-3	B1-16-17	Total/NA	Solid	6010D	628429
400-262754-4	COMP SAMPLE-DISPOSAL	Total/NA	Solid	6010D	628429

General Chemistry

Analysis Batch: 628394

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-4	COMP SAMPLE-DISPOSAL	Total/NA	Solid	Moisture	

QC Association Summary

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

General Chemistry

Analysis Batch: 685723

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
400-262754-1	B3-14-15	Total/NA	Solid	Moisture	
400-262754-2	B2-22-23	Total/NA	Solid	Moisture	
400-262754-3	B1-16-17	Total/NA	Solid	Moisture	
400-262754-1 DU	B3-14-15	Total/NA	Solid	Moisture	

Method: 8260D - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 400-685703/2-A
Matrix: Solid
Analysis Batch: 685671

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 685703

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.000670	U	0.00500	0.000670	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Dichlorobromomethane	0.000920	U	0.00500	0.000920	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Acetone	0.0120	U	0.0250	0.0120	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Bromoform	0.00130	U	0.00500	0.00130	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
2-Butanone (MEK)	0.00600	U	0.0250	0.00600	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Carbon disulfide	0.00253	U	0.00500	0.00253	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Bromomethane	0.00250	U	0.00500	0.00250	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Carbon tetrachloride	0.00170	U	0.00500	0.00170	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Chlorobenzene	0.00132	U	0.00500	0.00132	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Chloroethane	0.00330	U	0.00500	0.00330	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Chloroform	0.00136	U	0.00500	0.00136	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Chloromethane	0.00221	U	0.00500	0.00221	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Chlorodibromomethane	0.00120	U	0.00500	0.00120	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
1,2-Dibromo-3-Chloropropane	0.00330	U	0.00500	0.00330	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Ethylene Dibromide	0.00100	U	0.00500	0.00100	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
1,2-Dichlorobenzene	0.00159	U	0.00500	0.00159	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
1,3-Dichlorobenzene	0.000950	U	0.00500	0.000950	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Dichlorodifluoromethane	0.00397	U	0.00500	0.00397	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
1,1-Dichloroethane	0.000830	U	0.00500	0.000830	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
1,2-Dichloroethane	0.00184	U	0.00500	0.00184	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
1,1-Dichloroethene	0.00210	U	0.00500	0.00210	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
cis-1,2-Dichloroethene	0.000760	U	0.00500	0.000760	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
trans-1,2-Dichloroethene	0.000960	U	0.00500	0.000960	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
1,2-Dichloropropane	0.000760	U	0.00500	0.000760	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
cis-1,3-Dichloropropene	0.00120	U	0.00500	0.00120	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
trans-1,3-Dichloropropene	0.00110	U	0.00500	0.00110	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Ethylbenzene	0.000610	U	0.00500	0.000610	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
2-Hexanone	0.00500	U	0.0250	0.00500	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Isopropylbenzene	0.000680	U	0.00500	0.000680	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Methyl acetate	0.00460	U	0.00500	0.00460	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Methylene Chloride	0.0100	U	0.0150	0.0100	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Methylcyclohexane	0.00148	U	0.00500	0.00148	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Methyl tert-butyl ether	0.00100	U	0.00500	0.00100	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
4-Methyl-2-pentanone (MIBK)	0.0134	U	0.0250	0.0134	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Styrene	0.00100	U	0.00500	0.00100	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
1,1,2,2-Tetrachloroethane	0.00172	U	0.00500	0.00172	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Tetrachloroethene	0.00300	U	0.00500	0.00300	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Toluene	0.00100	U	0.00500	0.00100	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Trichloroethene	0.00100	U	0.00500	0.00100	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Trichlorofluoromethane	0.00242	U	0.00500	0.00242	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
1,1,1-Trichloroethane	0.00110	U	0.00500	0.00110	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
1,1,2-Trichloroethane	0.00161	U	0.00500	0.00161	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Vinyl chloride	0.00218	U	0.00500	0.00218	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Xylenes, Total	0.00600	U	0.0100	0.00600	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.00188	U	0.00500	0.00188	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
1,4-Dichlorobenzene	0.000860	U	0.00500	0.000860	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
1,2,3-Trichlorobenzene	0.00110	U	0.00500	0.00110	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
Chlorobromomethane	0.000810	U	0.00500	0.000810	mg/Kg		09/25/24 09:57	09/25/24 11:06	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 400-685703/2-A
Matrix: Solid
Analysis Batch: 685671

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 685703

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Cyclohexane	0.000940	U	0.00500	0.000940	mg/Kg		09/25/24 09:57	09/25/24 11:06	1
1,2,4-Trichlorobenzene	0.00201	U	0.00500	0.00201	mg/Kg		09/25/24 09:57	09/25/24 11:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*95*		*67 - 130*	*09/25/24 09:57*	*09/25/24 11:06*	*1*
Toluene-d8 (Surr)	*97*		*76 - 127*	*09/25/24 09:57*	*09/25/24 11:06*	*1*
Dibromofluoromethane	*98*		*77 - 127*	*09/25/24 09:57*	*09/25/24 11:06*	*1*

Lab Sample ID: LCS 400-685703/1-A
Matrix: Solid
Analysis Batch: 685671

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 685703

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.0500	0.05162		mg/Kg		103	65 - 130
Dichlorobromomethane	0.0500	0.05177		mg/Kg		104	61 - 130
Acetone	0.200	0.1097		mg/Kg		55	48 - 150
Bromoform	0.0500	0.04888		mg/Kg		98	52 - 136
2-Butanone (MEK)	0.200	0.1395		mg/Kg		70	55 - 130
Carbon disulfide	0.0500	0.04125		mg/Kg		83	46 - 141
Bromomethane	0.0500	0.03134		mg/Kg		63	12 - 150
Carbon tetrachloride	0.0500	0.05083		mg/Kg		102	60 - 130
Chlorobenzene	0.0500	0.05717		mg/Kg		114	70 - 130
Chloroethane	0.0500	0.03425		mg/Kg		68	55 - 134
Chloroform	0.0500	0.04897		mg/Kg		98	62 - 130
Chloromethane	0.0500	0.03779		mg/Kg		76	49 - 136
Chlorodibromomethane	0.0500	0.05418		mg/Kg		108	58 - 132
1,2-Dibromo-3-Chloropropane	0.0500	0.04800		mg/Kg		96	49 - 130
Ethylene Dibromide	0.0500	0.05337		mg/Kg		107	67 - 130
1,2-Dichlorobenzene	0.0500	0.06256		mg/Kg		125	64 - 130
1,3-Dichlorobenzene	0.0500	0.06111		mg/Kg		122	66 - 130
Dichlorodifluoromethane	0.0500	0.03973		mg/Kg		79	34 - 143
1,1-Dichloroethane	0.0500	0.04951		mg/Kg		99	59 - 130
1,2-Dichloroethane	0.0500	0.04361		mg/Kg		87	62 - 130
1,1-Dichloroethene	0.0500	0.05207		mg/Kg		104	55 - 137
cis-1,2-Dichloroethene	0.0500	0.04650		mg/Kg		93	53 - 135
trans-1,2-Dichloroethene	0.0500	0.04386		mg/Kg		88	58 - 134
1,2-Dichloropropane	0.0500	0.04996		mg/Kg		100	64 - 130
cis-1,3-Dichloropropene	0.0500	0.05166		mg/Kg		103	61 - 130
trans-1,3-Dichloropropene	0.0500	0.05121		mg/Kg		102	60 - 130
Ethylbenzene	0.0500	0.05402		mg/Kg		108	70 - 130
2-Hexanone	0.200	0.1694		mg/Kg		85	57 - 131
Isopropylbenzene	0.0500	0.05821		mg/Kg		116	70 - 130
Methyl acetate	0.100	0.07718		mg/Kg		77	49 - 139
Methylene Chloride	0.0500	0.04560		mg/Kg		91	57 - 132
Methylcyclohexane	0.0500	0.05070		mg/Kg		101	64 - 130
Methyl tert-butyl ether	0.0500	0.04316		mg/Kg		86	63 - 130
4-Methyl-2-pentanone (MIBK)	0.200	0.1732		mg/Kg		87	58 - 130
Styrene	0.0500	0.05753		mg/Kg		115	68 - 130

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 400-685703/1-A
Matrix: Solid
Analysis Batch: 685671

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 685703

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,1,2,2-Tetrachloroethane	0.0500	0.04740		mg/Kg		95	60 - 131
Tetrachloroethene	0.0500	0.06289		mg/Kg		126	67 - 130
Toluene	0.0500	0.05200		mg/Kg		104	70 - 130
Trichloroethene	0.0500	0.05874		mg/Kg		117	65 - 130
Trichlorofluoromethane	0.0500	0.04167		mg/Kg		83	61 - 136
1,1,1-Trichloroethane	0.0500	0.04894		mg/Kg		98	63 - 130
1,1,2-Trichloroethane	0.0500	0.04979		mg/Kg		100	65 - 130
Vinyl chloride	0.0500	0.03698		mg/Kg		74	52 - 132
Xylenes, Total	0.100	0.1096		mg/Kg		110	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	0.0500	0.05078		mg/Kg		102	47 - 143
1,4-Dichlorobenzene	0.0500	0.06240		mg/Kg		125	65 - 130
1,2,3-Trichlorobenzene	0.0500	0.07306	*+	mg/Kg		146	58 - 135
Chlorobromomethane	0.0500	0.05692		mg/Kg		114	65 - 130
Cyclohexane	0.0500	0.05032		mg/Kg		101	61 - 130
1,2,4-Trichlorobenzene	0.0500	0.07580	*+	mg/Kg		152	56 - 138
m-Xylene & p-Xylene	0.0500	0.05476		mg/Kg		110	70 - 130
o-Xylene	0.0500	0.05486		mg/Kg		110	70 - 130

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
4-Bromofluorobenzene	*88*		*67 - 130*
Toluene-d8 (Surr)	*97*		*76 - 127*
Dibromofluoromethane	*99*		*77 - 127*

Lab Sample ID: MB 400-685806/4
Matrix: Water
Analysis Batch: 685806

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	0.240	U	1.00	0.240	ug/L			09/26/24 08:05	1
Dichlorobromomethane	0.500	U	1.00	0.500	ug/L			09/26/24 08:05	1
Acetone	10.0	U	25.0	10.0	ug/L			09/26/24 08:05	1
Bromoform	0.250	U	5.00	0.250	ug/L			09/26/24 08:05	1
2-Butanone (MEK)	2.60	U	25.0	2.60	ug/L			09/26/24 08:05	1
Carbon disulfide	0.500	U	1.00	0.500	ug/L			09/26/24 08:05	1
Bromomethane	0.980	U	1.00	0.980	ug/L			09/26/24 08:05	1
Carbon tetrachloride	0.190	U	1.00	0.190	ug/L			09/26/24 08:05	1
Chlorobenzene	0.420	U	1.00	0.420	ug/L			09/26/24 08:05	1
Chloroethane	0.760	U	1.00	0.760	ug/L			09/26/24 08:05	1
Chloroform	0.900	U	1.00	0.900	ug/L			09/26/24 08:05	1
Chloromethane	0.400	U	1.00	0.400	ug/L			09/26/24 08:05	1
Chlorodibromomethane	0.240	U	1.00	0.240	ug/L			09/26/24 08:05	1
1,2-Dibromo-3-Chloropropane	1.50	U	5.00	1.50	ug/L			09/26/24 08:05	1
Ethylene Dibromide	0.230	U	1.00	0.230	ug/L			09/26/24 08:05	1
1,2-Dichlorobenzene	0.500	U	1.00	0.500	ug/L			09/26/24 08:05	1
1,3-Dichlorobenzene	0.540	U	1.00	0.540	ug/L			09/26/24 08:05	1
Dichlorodifluoromethane	0.850	U	1.00	0.850	ug/L			09/26/24 08:05	1
1,1-Dichloroethane	0.500	U	1.00	0.500	ug/L			09/26/24 08:05	1
1,2-Dichloroethane	0.550	U	1.00	0.550	ug/L			09/26/24 08:05	1

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 400-685806/4
Matrix: Water
Analysis Batch: 685806

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1-Dichloroethene	0.500	U	1.00	0.500	ug/L			09/26/24 08:05	1
cis-1,2-Dichloroethene	0.200	U	1.00	0.200	ug/L			09/26/24 08:05	1
trans-1,2-Dichloroethene	0.500	U	1.00	0.500	ug/L			09/26/24 08:05	1
1,2-Dichloropropane	0.500	U	1.00	0.500	ug/L			09/26/24 08:05	1
cis-1,3-Dichloropropene	0.500	U	5.00	0.500	ug/L			09/26/24 08:05	1
trans-1,3-Dichloropropene	0.200	U	5.00	0.200	ug/L			09/26/24 08:05	1
Ethylbenzene	0.500	U	1.00	0.500	ug/L			09/26/24 08:05	1
2-Hexanone	4.26	U	25.0	4.26	ug/L			09/26/24 08:05	1
Isopropylbenzene	0.530	U	1.00	0.530	ug/L			09/26/24 08:05	1
Methyl acetate	0.610	U	5.00	0.610	ug/L			09/26/24 08:05	1
Methylene Chloride	3.00	U	5.00	3.00	ug/L			09/26/24 08:05	1
Methylcyclohexane	0.500	U	1.00	0.500	ug/L			09/26/24 08:05	1
Methyl tert-butyl ether	0.220	U	1.00	0.220	ug/L			09/26/24 08:05	1
4-Methyl-2-pentanone (MIBK)	1.80	U	25.0	1.80	ug/L			09/26/24 08:05	1
Styrene	1.00	U	1.00	1.00	ug/L			09/26/24 08:05	1
1,1,2,2-Tetrachloroethane	0.500	U	1.00	0.500	ug/L			09/26/24 08:05	1
Tetrachloroethene	0.330	U	1.00	0.330	ug/L			09/26/24 08:05	1
Toluene	0.900	U	1.00	0.900	ug/L			09/26/24 08:05	1
Trichloroethene	0.150	U	1.00	0.150	ug/L			09/26/24 08:05	1
Trichlorofluoromethane	0.250	U	1.00	0.250	ug/L			09/26/24 08:05	1
1,1,1-Trichloroethane	0.180	U	1.00	0.180	ug/L			09/26/24 08:05	1
1,1,2-Trichloroethane	0.210	U	5.00	0.210	ug/L			09/26/24 08:05	1
Vinyl chloride	0.500	U	1.00	0.500	ug/L			09/26/24 08:05	1
Xylenes, Total	6.00	U	10.0	6.00	ug/L			09/26/24 08:05	1
1,1,2-Trichloro-1,2,2-trifluoroethane	0.500	U	1.00	0.500	ug/L			09/26/24 08:05	1
1,4-Dichlorobenzene	0.640	U	1.00	0.640	ug/L			09/26/24 08:05	1
1,2,3-Trichlorobenzene	0.900	U	1.00	0.900	ug/L			09/26/24 08:05	1
Chlorobromomethane	0.520	U	1.00	0.520	ug/L			09/26/24 08:05	1
Cyclohexane	0.240	U	1.00	0.240	ug/L			09/26/24 08:05	1
1,2,4-Trichlorobenzene	0.820	U	1.00	0.820	ug/L			09/26/24 08:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
4-Bromofluorobenzene	*93*		*72 - 130*		*09/26/24 08:05*	*1*
Toluene-d8 (Surr)	*97*		*64 - 132*		*09/26/24 08:05*	*1*
Dibromofluoromethane	*110*		*75 - 126*		*09/26/24 08:05*	*1*

Lab Sample ID: LCS 400-685806/1002
Matrix: Water
Analysis Batch: 685806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	50.0	52.89		ug/L		106	70 - 130
Dichlorobromomethane	50.0	51.58		ug/L		103	67 - 133
Acetone	200	428.7	*+	ug/L		214	43 - 150
Bromoform	50.0	50.63		ug/L		101	57 - 140
2-Butanone (MEK)	200	411.2	*+	ug/L		206	61 - 145
Carbon disulfide	50.0	40.81		ug/L		82	61 - 137
Bromomethane	25.0	24.34		ug/L		97	10 - 150

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 400-685806/1002
Matrix: Water
Analysis Batch: 685806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Carbon tetrachloride	50.0	48.78		ug/L		98	61 - 137
Chlorobenzene	50.0	56.40		ug/L		113	70 - 130
Chloroethane	25.0	18.02		ug/L		72	55 - 141
Chloroform	50.0	50.83		ug/L		102	69 - 130
Chloromethane	25.0	20.99		ug/L		84	58 - 137
Chlorodibromomethane	50.0	54.57		ug/L		109	67 - 135
1,2-Dibromo-3-Chloropropane	50.0	56.97		ug/L		114	54 - 135
Ethylene Dibromide	50.0	58.20		ug/L		116	70 - 130
1,2-Dichlorobenzene	50.0	58.01		ug/L		116	67 - 130
1,3-Dichlorobenzene	50.0	60.70		ug/L		121	70 - 130
Dichlorodifluoromethane	25.0	27.69		ug/L		111	41 - 146
1,1-Dichloroethane	50.0	53.86		ug/L		108	70 - 130
1,2-Dichloroethane	50.0	48.70		ug/L		97	69 - 130
1,1-Dichloroethene	50.0	53.48		ug/L		107	63 - 134
cis-1,2-Dichloroethene	50.0	53.36		ug/L		107	68 - 130
trans-1,2-Dichloroethene	50.0	53.63		ug/L		107	70 - 130
1,2-Dichloropropane	50.0	59.20		ug/L		118	70 - 130
cis-1,3-Dichloropropene	50.0	53.77		ug/L		108	69 - 132
trans-1,3-Dichloropropene	50.0	51.61		ug/L		103	63 - 130
Ethylbenzene	50.0	54.81		ug/L		110	70 - 130
2-Hexanone	200	299.2	*+	ug/L		150	65 - 137
Isopropylbenzene	50.0	51.54		ug/L		103	70 - 130
Methyl acetate	100	100.3		ug/L		100	45 - 150
Methylene Chloride	50.0	59.28		ug/L		119	66 - 135
Methylcyclohexane	50.0	48.50		ug/L		97	70 - 130
Methyl tert-butyl ether	50.0	54.11		ug/L		108	66 - 130
4-Methyl-2-pentanone (MIBK)	200	206.0		ug/L		103	69 - 138
Styrene	50.0	57.31		ug/L		115	70 - 130
1,1,2,2-Tetrachloroethane	50.0	53.79		ug/L		108	70 - 131
Tetrachloroethene	50.0	47.25		ug/L		95	65 - 130
Toluene	50.0	56.58		ug/L		113	70 - 130
Trichloroethene	50.0	52.86		ug/L		106	70 - 130
Trichlorofluoromethane	25.0	23.68		ug/L		95	65 - 138
1,1,1-Trichloroethane	50.0	48.55		ug/L		97	68 - 130
1,1,2-Trichloroethane	50.0	58.36		ug/L		117	70 - 130
Vinyl chloride	25.0	22.62		ug/L		90	59 - 136
Xylenes, Total	100	109.9		ug/L		110	70 - 130
1,1,2-Trichloro-1,2,2-trifluoroethane	50.0	53.05		ug/L		106	60 - 139
1,4-Dichlorobenzene	50.0	60.53		ug/L		121	70 - 130
1,2,3-Trichlorobenzene	50.0	68.33		ug/L		137	60 - 138
Chlorobromomethane	50.0	54.01		ug/L		108	70 - 130
Cyclohexane	50.0	51.61		ug/L		103	70 - 130
1,2,4-Trichlorobenzene	50.0	70.06		ug/L		140	60 - 140
m-Xylene & p-Xylene	50.0	54.74		ug/L		109	70 - 130
o-Xylene	50.0	55.19		ug/L		110	70 - 130

Method: 8260D - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 400-685806/1002
Matrix: Water
Analysis Batch: 685806

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene	*101*		*72 - 130*
Toluene-d8 (Surr)	*102*		*64 - 132*
Dibromofluoromethane	*95*		*75 - 126*

Method: 8270E - Semivolatile Organic Compounds (GC/MS)

Lab Sample ID: MB 400-685311/1-A
Matrix: Solid
Analysis Batch: 685471

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 685311

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acenaphthene	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Acenaphthylene	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Anthracene	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Atrazine	0.0900	U	0.330	0.0900	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Benzo[a]anthracene	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Benzo[a]pyrene	0.0470	U	0.330	0.0470	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Benzo[b]fluoranthene	0.0990	U	0.330	0.0990	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Benzo[g,h,i]perylene	0.110	U	0.330	0.110	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Benzo[k]fluoranthene	0.0780	U	0.330	0.0780	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Acetophenone	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Benzaldehyde	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
4-Bromophenyl phenyl ether	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Butyl benzyl phthalate	0.0710	U	0.330	0.0710	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Caprolactam	0.0840	U	0.330	0.0840	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
4-Chloro-3-methylphenol	0.0810	U	0.330	0.0810	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Carbazole	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
4-Chloroaniline	0.0810	U	0.330	0.0810	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
2-Chlorophenol	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Bis(2-chloroethoxy)methane	0.0730	U	0.330	0.0730	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Bis(2-chloroethyl)ether	0.0460	U	0.330	0.0460	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
2-Chloronaphthalene	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Chrysene	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
4-Chlorophenyl phenyl ether	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Dibenz(a,h)anthracene	0.0570	U	0.330	0.0570	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Dibenzofuran	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
2,4-Dichlorophenol	0.0700	U	0.330	0.0700	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
3,3'-Dichlorobenzidine	0.110	U	0.330	0.110	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
2,4-Dimethylphenol	0.0940	U	0.330	0.0940	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Diethyl phthalate	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Dimethyl phthalate	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Di-n-butyl phthalate	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
4,6-Dinitro-2-methylphenol	0.240	U	0.330	0.240	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
1,1'-Biphenyl	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
2,4-Dinitrophenol	0.290	U	0.990	0.290	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
2,4-Dinitrotoluene	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Bis(2-ethylhexyl) phthalate	0.0810	U	0.330	0.0810	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
2,6-Dinitrotoluene	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Di-n-octyl phthalate	0.120	U	0.330	0.120	mg/Kg		09/21/24 12:57	09/23/24 16:24	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-685311/1-A
Matrix: Solid
Analysis Batch: 685471

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 685311

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Fluoranthene	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Fluorene	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Hexachlorobenzene	0.100	U	0.330	0.100	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Hexachlorobutadiene	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Hexachlorocyclopentadiene	0.0660	U	0.330	0.0660	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Hexachloroethane	0.0700	U	0.330	0.0700	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Indeno[1,2,3-cd]pyrene	0.0660	U	0.330	0.0660	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Isophorone	0.0670	U	0.330	0.0670	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
2-Methylnaphthalene	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
2-Methylphenol	0.0800	U	0.330	0.0800	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
3 & 4 Methylphenol	0.0770	U	0.660	0.0770	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Naphthalene	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
2-Nitroaniline	0.0700	U	0.330	0.0700	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
3-Nitroaniline	0.0780	U	0.330	0.0780	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
4-Nitroaniline	0.113	U	0.330	0.113	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Nitrobenzene	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
2-Nitrophenol	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
4-Nitrophenol	0.300	U	0.330	0.300	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
N-Nitrosodi-n-propylamine	0.105	U	0.330	0.105	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
n-Nitrosodiphenylamine(as diphenylamine)	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
2,2'-oxybis(1-chloropropane)	0.126	U	0.330	0.126	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Pentachlorophenol	0.160	U	0.660	0.160	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Phenanthrene	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Phenol	0.0890	U	0.330	0.0890	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
Pyrene	0.0780	U	0.330	0.0780	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
2,4,5-Trichlorophenol	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1
2,4,6-Trichlorophenol	0.0330	U	0.330	0.0330	mg/Kg		09/21/24 12:57	09/23/24 16:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*79*		*27 - 127*	*09/21/24 12:57*	*09/23/24 16:24*	*1*
2-Fluorophenol (Surr)	*53*		*25 - 128*	*09/21/24 12:57*	*09/23/24 16:24*	*1*
Nitrobenzene-d5 (Surr)	*72*		*15 - 136*	*09/21/24 12:57*	*09/23/24 16:24*	*1*
Phenol-d5 (Surr)	*70*		*29 - 130*	*09/21/24 12:57*	*09/23/24 16:24*	*1*
Terphenyl-d14 (Surr)	*95*		*24 - 146*	*09/21/24 12:57*	*09/23/24 16:24*	*1*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 150*	*09/21/24 12:57*	*09/23/24 16:24*	*1*

Lab Sample ID: LCS 400-685311/2-A
Matrix: Solid
Analysis Batch: 685471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 685311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	2.00	1.487		mg/Kg		74	46 - 112
Acenaphthylene	2.00	1.407		mg/Kg		70	41 - 116
Anthracene	2.00	1.610		mg/Kg		80	43 - 120
Benzo[a]anthracene	2.00	1.497		mg/Kg		75	45 - 122
Benzo[a]pyrene	2.00	1.547		mg/Kg		77	40 - 121
Benzo[b]fluoranthene	2.00	1.507		mg/Kg		75	37 - 116
Benzo[g,h,i]perylene	2.00	1.656		mg/Kg		83	34 - 120

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-685311/2-A
Matrix: Solid
Analysis Batch: 685471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 685311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzo[k]fluoranthene	2.00	1.601		mg/Kg		80	35 - 133
4-Bromophenyl phenyl ether	2.00	1.480		mg/Kg		74	51 - 120
Butyl benzyl phthalate	2.00	1.582		mg/Kg		79	50 - 126
4-Chloro-3-methylphenol	2.00	1.566		mg/Kg		78	57 - 124
Carbazole	2.00	1.540		mg/Kg		77	36 - 132
4-Chloroaniline	2.00	1.421		mg/Kg		71	26 - 102
2-Chlorophenol	2.00	1.355		mg/Kg		68	50 - 102
Bis(2-chloroethoxy)methane	2.00	1.306		mg/Kg		65	33 - 100
Bis(2-chloroethyl)ether	2.00	1.292		mg/Kg		65	28 - 120
2-Chloronaphthalene	2.00	1.291		mg/Kg		65	48 - 102
Chrysene	2.00	1.582		mg/Kg		79	42 - 132
4-Chlorophenyl phenyl ether	2.00	1.408		mg/Kg		70	53 - 113
Dibenz(a,h)anthracene	2.00	1.619		mg/Kg		81	36 - 127
Dibenzofuran	2.00	1.398		mg/Kg		70	54 - 105
2,4-Dichlorophenol	2.00	1.490		mg/Kg		75	53 - 120
2,4-Dimethylphenol	2.00	2.461	*+	mg/Kg		123	45 - 108
Diethyl phthalate	2.00	1.424		mg/Kg		71	40 - 128
Dimethyl phthalate	2.00	1.415		mg/Kg		71	58 - 120
Di-n-butyl phthalate	2.00	1.584		mg/Kg		79	40 - 122
4,6-Dinitro-2-methylphenol	4.00	2.004		mg/Kg		50	35 - 135
2,4-Dinitrophenol	4.00	1.206		mg/Kg		30	10 - 138
2,4-Dinitrotoluene	2.00	1.535		mg/Kg		77	53 - 133
Bis(2-ethylhexyl) phthalate	2.00	1.533		mg/Kg		77	40 - 150
2,6-Dinitrotoluene	2.00	1.483		mg/Kg		74	51 - 114
Di-n-octyl phthalate	2.00	1.507		mg/Kg		75	40 - 137
Fluoranthene	2.00	1.447		mg/Kg		72	42 - 124
Fluorene	2.00	1.434		mg/Kg		72	45 - 116
Hexachlorobenzene	2.00	1.465		mg/Kg		73	49 - 127
Hexachlorobutadiene	2.00	1.209		mg/Kg		60	43 - 120
Hexachlorocyclopentadiene	2.00	3.165	*+	mg/Kg		158	10 - 140
Hexachloroethane	2.00	1.227		mg/Kg		61	45 - 120
Indeno[1,2,3-cd]pyrene	2.00	1.606		mg/Kg		80	40 - 117
Isophorone	2.00	1.392		mg/Kg		70	36 - 120
2-Methylnaphthalene	2.00	1.177		mg/Kg		59	39 - 112
2-Methylphenol	2.00	1.591		mg/Kg		80	49 - 111
3 & 4 Methylphenol	2.00	1.488		mg/Kg		74	47 - 123
Naphthalene	2.00	1.412		mg/Kg		71	40 - 106
2-Nitroaniline	2.00	1.468		mg/Kg		73	46 - 108
3-Nitroaniline	2.00	1.293		mg/Kg		65	28 - 119
4-Nitroaniline	2.00	1.259		mg/Kg		63	32 - 131
Nitrobenzene	2.00	1.317		mg/Kg		66	40 - 120
2-Nitrophenol	2.00	1.400		mg/Kg		70	53 - 120
4-Nitrophenol	4.00	2.341		mg/Kg		59	35 - 139
N-Nitrosodi-n-propylamine	2.00	1.407		mg/Kg		70	39 - 120
n-Nitrosodiphenylamine(as diphenylamine)	1.98	1.521		mg/Kg		77	54 - 120
2,2'-oxybis(1-chloropropane)	2.00	1.562		mg/Kg		78	18 - 105
Pentachlorophenol	4.00	2.164		mg/Kg		54	32 - 131
Phenanthrene	2.00	1.622		mg/Kg		81	47 - 111

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-685311/2-A
Matrix: Solid
Analysis Batch: 685471

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 685311

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Phenol	2.00	1.308		mg/Kg		65	40 - 120
Pyrene	2.00	1.655		mg/Kg		83	41 - 124
2,4,5-Trichlorophenol	2.00	1.370		mg/Kg		68	50 - 118
2,4,6-Trichlorophenol	2.00	1.393		mg/Kg		70	49 - 115

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*68*		*27 - 127*
2-Fluorophenol (Surr)	*50*		*25 - 128*
Nitrobenzene-d5 (Surr)	*73*		*15 - 136*
Phenol-d5 (Surr)	*65*		*29 - 130*
Terphenyl-d14 (Surr)	*79*		*24 - 146*
2,4,6-Tribromophenol (Surr)	*57*		*10 - 150*

Lab Sample ID: 400-262754-1 MS
Matrix: Solid
Analysis Batch: 685471

Client Sample ID: B3-14-15
Prep Type: Total/NA
Prep Batch: 685311

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthene	0.0389	U	2.39	1.938		mg/Kg	☼	81	40 - 140
Acenaphthylene	0.0389	U	2.39	1.815		mg/Kg	☼	76	40 - 140
Anthracene	0.0389	U	2.39	2.021		mg/Kg	☼	85	40 - 140
Benzo[a]anthracene	0.0389	U	2.39	1.863		mg/Kg	☼	78	40 - 140
Benzo[a]pyrene	0.0555	U	2.39	1.929		mg/Kg	☼	81	40 - 140
Benzo[b]fluoranthene	0.117	U	2.39	1.958		mg/Kg	☼	82	40 - 140
Benzo[g,h,i]perylene	0.130	U	2.39	1.997		mg/Kg	☼	84	40 - 140
Benzo[k]fluoranthene	0.0920	U	2.39	1.981		mg/Kg	☼	83	40 - 140
4-Bromophenyl phenyl ether	0.0389	U	2.39	1.834		mg/Kg	☼	77	40 - 140
Butyl benzyl phthalate	0.0838	U	2.39	1.948		mg/Kg	☼	82	40 - 140
4-Chloro-3-methylphenol	0.0956	U	2.39	1.958		mg/Kg	☼	82	40 - 140
Carbazole	0.0389	U	2.39	1.935		mg/Kg	☼	81	40 - 140
4-Chloroaniline	0.0956	U	2.39	1.823		mg/Kg	☼	76	40 - 140
2-Chlorophenol	0.0389	U	2.39	1.744		mg/Kg	☼	73	40 - 140
Bis(2-chloroethoxy)methane	0.0861	U	2.39	1.725		mg/Kg	☼	72	40 - 140
Bis(2-chloroethyl)ether	0.0543	U	2.39	1.550		mg/Kg	☼	65	40 - 140
2-Chloronaphthalene	0.0389	U	2.39	1.676		mg/Kg	☼	70	40 - 140
Chrysene	0.0389	U	2.39	1.979		mg/Kg	☼	83	40 - 140
4-Chlorophenyl phenyl ether	0.0389	U	2.39	1.784		mg/Kg	☼	75	40 - 140
Dibenz(a,h)anthracene	0.0673	U	2.39	1.926		mg/Kg	☼	81	40 - 140
Dibenzofuran	0.0389	U	2.39	1.785		mg/Kg	☼	75	40 - 140
2,4-Dichlorophenol	0.0826	U	2.39	1.888		mg/Kg	☼	79	40 - 140
2,4-Dimethylphenol	0.111	U *+	2.39	3.238		mg/Kg	☼	136	40 - 140
Diethyl phthalate	0.0389	U	2.39	1.783		mg/Kg	☼	75	40 - 140
Dimethyl phthalate	0.0389	U	2.39	1.762		mg/Kg	☼	74	40 - 140
Di-n-butyl phthalate	0.0389	U	2.39	1.958		mg/Kg	☼	82	40 - 140
4,6-Dinitro-2-methylphenol	0.283	U F1	4.78	1.206	F1	mg/Kg	☼	25	40 - 140
2,4-Dinitrophenol	0.342	U F1	4.78	0.3481	J F1	mg/Kg	☼	7	40 - 140
2,4-Dinitrotoluene	0.0389	U	2.39	1.431		mg/Kg	☼	60	40 - 140
Bis(2-ethylhexyl) phthalate	0.0956	U	2.39	1.840		mg/Kg	☼	77	40 - 140

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-262754-1 MS
Matrix: Solid
Analysis Batch: 685471

Client Sample ID: B3-14-15
Prep Type: Total/NA
Prep Batch: 685311

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
2,6-Dinitrotoluene	0.0389	U	2.39	1.413		mg/Kg	☼	59	40 - 140
Di-n-octyl phthalate	0.142	U	2.39	1.704		mg/Kg	☼	71	40 - 140
Fluoranthene	0.0389	U	2.39	1.830		mg/Kg	☼	77	40 - 140
Fluorene	0.0389	U	2.39	1.822		mg/Kg	☼	76	40 - 140
Hexachlorobenzene	0.118	U	2.39	1.823		mg/Kg	☼	76	40 - 140
Hexachlorobutadiene	0.0389	U	2.39	1.722		mg/Kg	☼	72	40 - 140
Hexachlorocyclopentadiene	0.0779	U *+	2.39	1.946		mg/Kg	☼	81	40 - 140
Hexachloroethane	0.0826	U	2.39	1.331		mg/Kg	☼	56	40 - 140
Indeno[1,2,3-cd]pyrene	0.0779	U	2.39	1.927		mg/Kg	☼	81	40 - 140
Isophorone	0.0791	U	2.39	1.800		mg/Kg	☼	75	40 - 140
2-Methylnaphthalene	0.0389	U	2.39	1.512		mg/Kg	☼	63	40 - 140
2-Methylphenol	0.0944	U	2.39	2.051		mg/Kg	☼	86	40 - 140
3 & 4 Methylphenol	0.0909	U	2.39	1.873		mg/Kg	☼	78	40 - 140
Naphthalene	0.0389	U	2.39	1.853		mg/Kg	☼	78	40 - 140
2-Nitroaniline	0.0826	U	2.39	1.741		mg/Kg	☼	73	40 - 140
3-Nitroaniline	0.0920	U	2.39	1.640		mg/Kg	☼	69	40 - 140
4-Nitroaniline	0.133	U	2.39	1.376		mg/Kg	☼	58	40 - 140
Nitrobenzene	0.0389	U	2.39	1.553		mg/Kg	☼	65	40 - 140
2-Nitrophenol	0.0389	U	2.39	1.258		mg/Kg	☼	53	40 - 140
4-Nitrophenol	0.354	U	4.78	2.857		mg/Kg	☼	60	40 - 140
N-Nitrosodi-n-propylamine	0.124	U	2.39	1.791		mg/Kg	☼	75	40 - 140
n-Nitrosodiphenylamine(as diphenylamine)	0.0389	U	2.37	1.899		mg/Kg	☼	80	40 - 140
2,2'-oxybis(1-chloropropane)	0.149	U	2.39	2.020		mg/Kg	☼	85	40 - 140
Pentachlorophenol	0.189	U	4.78	2.032		mg/Kg	☼	43	40 - 140
Phenanthrene	0.0389	U	2.39	2.055		mg/Kg	☼	86	40 - 140
Phenol	0.105	U	2.39	1.703		mg/Kg	☼	71	40 - 140
Pyrene	0.0920	U	2.39	2.083		mg/Kg	☼	87	40 - 140
2,4,5-Trichlorophenol	0.0389	U	2.39	1.822		mg/Kg	☼	76	40 - 140
2,4,6-Trichlorophenol	0.0389	U	2.39	1.774		mg/Kg	☼	74	40 - 140

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2-Fluorobiphenyl	*72*		*27 - 127*
2-Fluorophenol (Surr)	*62*		*25 - 128*
Nitrobenzene-d5 (Surr)	*68*		*15 - 136*
Phenol-d5 (Surr)	*69*		*29 - 130*
Terphenyl-d14 (Surr)	*80*		*24 - 146*
2,4,6-Tribromophenol (Surr)	*57*		*10 - 150*

Lab Sample ID: 400-262754-1 MSD
Matrix: Solid
Analysis Batch: 685471

Client Sample ID: B3-14-15
Prep Type: Total/NA
Prep Batch: 685311

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Acenaphthene	0.0389	U	2.32	1.881		mg/Kg	☼	81	40 - 140	3	30
Acenaphthylene	0.0389	U	2.32	1.767		mg/Kg	☼	76	40 - 140	3	30
Anthracene	0.0389	U	2.32	1.974		mg/Kg	☼	85	40 - 140	2	30
Benzo[a]anthracene	0.0389	U	2.32	1.836		mg/Kg	☼	79	40 - 140	1	30
Benzo[a]pyrene	0.0555	U	2.32	1.938		mg/Kg	☼	84	40 - 140	0	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-262754-1 MSD
Matrix: Solid
Analysis Batch: 685471

Client Sample ID: B3-14-15
Prep Type: Total/NA
Prep Batch: 685311

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzo[b]fluoranthene	0.117	U	2.32	1.888		mg/Kg	☼	81	40 - 140	4	30
Benzo[g,h,i]perylene	0.130	U	2.32	1.943		mg/Kg	☼	84	40 - 140	3	30
Benzo[k]fluoranthene	0.0920	U	2.32	2.078		mg/Kg	☼	90	40 - 140	5	30
4-Bromophenyl phenyl ether	0.0389	U	2.32	1.818		mg/Kg	☼	78	40 - 140	1	30
Butyl benzyl phthalate	0.0838	U	2.32	1.935		mg/Kg	☼	83	40 - 140	1	30
4-Chloro-3-methylphenol	0.0956	U	2.32	1.965		mg/Kg	☼	85	40 - 140	0	30
Carbazole	0.0389	U	2.32	1.886		mg/Kg	☼	81	40 - 140	3	30
4-Chloroaniline	0.0956	U	2.32	1.626		mg/Kg	☼	70	40 - 140	11	30
2-Chlorophenol	0.0389	U	2.32	1.711		mg/Kg	☼	74	40 - 140	2	30
Bis(2-chloroethoxy)methane	0.0861	U	2.32	1.728		mg/Kg	☼	74	40 - 140	0	30
Bis(2-chloroethyl)ether	0.0543	U	2.32	1.698		mg/Kg	☼	73	40 - 140	9	30
2-Chloronaphthalene	0.0389	U	2.32	1.647		mg/Kg	☼	71	40 - 140	2	30
Chrysene	0.0389	U	2.32	1.943		mg/Kg	☼	84	40 - 140	2	30
4-Chlorophenyl phenyl ether	0.0389	U	2.32	1.753		mg/Kg	☼	76	40 - 140	2	30
Dibenz(a,h)anthracene	0.0673	U	2.32	1.906		mg/Kg	☼	82	40 - 140	1	30
Dibenzofuran	0.0389	U	2.32	1.756		mg/Kg	☼	76	40 - 140	2	30
2,4-Dichlorophenol	0.0826	U	2.32	1.909		mg/Kg	☼	82	40 - 140	1	30
2,4-Dimethylphenol	0.111	U *+	2.32	3.254		mg/Kg	☼	140	40 - 140	1	30
Diethyl phthalate	0.0389	U	2.32	1.748		mg/Kg	☼	75	40 - 140	2	30
Dimethyl phthalate	0.0389	U	2.32	1.727		mg/Kg	☼	74	40 - 140	2	30
Di-n-butyl phthalate	0.0389	U	2.32	1.936		mg/Kg	☼	83	40 - 140	1	30
4,6-Dinitro-2-methylphenol	0.283	U F1	4.64	1.390	F1	mg/Kg	☼	30	40 - 140	14	30
2,4-Dinitrophenol	0.342	U F1	4.64	0.3577	J F1	mg/Kg	☼	8	40 - 140	3	30
2,4-Dinitrotoluene	0.0389	U	2.32	1.515		mg/Kg	☼	65	40 - 140	6	30
Bis(2-ethylhexyl) phthalate	0.0956	U	2.32	1.828		mg/Kg	☼	79	40 - 140	1	30
2,6-Dinitrotoluene	0.0389	U	2.32	1.498		mg/Kg	☼	65	40 - 140	6	30
Di-n-octyl phthalate	0.142	U	2.32	1.710		mg/Kg	☼	74	40 - 140	0	30
Fluoranthene	0.0389	U	2.32	1.807		mg/Kg	☼	78	40 - 140	1	30
Fluorene	0.0389	U	2.32	1.780		mg/Kg	☼	77	40 - 140	2	30
Hexachlorobenzene	0.118	U	2.32	1.802		mg/Kg	☼	78	40 - 140	1	30
Hexachlorobutadiene	0.0389	U	2.32	1.467		mg/Kg	☼	63	40 - 140	16	30
Hexachlorocyclopentadiene	0.0779	U *+	2.32	2.259		mg/Kg	☼	97	40 - 140	15	30
Hexachloroethane	0.0826	U	2.32	1.378		mg/Kg	☼	59	40 - 140	3	30
Indeno[1,2,3-cd]pyrene	0.0779	U	2.32	1.889		mg/Kg	☼	81	40 - 140	2	30
Isophorone	0.0791	U	2.32	1.817		mg/Kg	☼	78	40 - 140	1	30
2-Methylnaphthalene	0.0389	U	2.32	1.507		mg/Kg	☼	65	40 - 140	0	30
2-Methylphenol	0.0944	U	2.32	2.040		mg/Kg	☼	88	40 - 140	1	30
3 & 4 Methylphenol	0.0909	U	2.32	1.895		mg/Kg	☼	82	40 - 140	1	30
Naphthalene	0.0389	U	2.32	1.749		mg/Kg	☼	75	40 - 140	6	30
2-Nitroaniline	0.0826	U	2.32	1.752		mg/Kg	☼	75	40 - 140	1	30
3-Nitroaniline	0.0920	U	2.32	1.603		mg/Kg	☼	69	40 - 140	2	30
4-Nitroaniline	0.133	U	2.32	1.369		mg/Kg	☼	59	40 - 140	1	30
Nitrobenzene	0.0389	U	2.32	1.605		mg/Kg	☼	69	40 - 140	3	30
2-Nitrophenol	0.0389	U	2.32	1.392		mg/Kg	☼	60	40 - 140	10	30
4-Nitrophenol	0.354	U	4.64	2.891		mg/Kg	☼	62	40 - 140	1	30
N-Nitrosodi-n-propylamine	0.124	U	2.32	1.812		mg/Kg	☼	78	40 - 140	1	30
n-Nitrosodiphenylamine(as diphenylamine)	0.0389	U	2.30	1.861		mg/Kg	☼	81	40 - 140	2	30
2,2'-oxybis(1-chloropropane)	0.149	U	2.32	2.021		mg/Kg	☼	87	40 - 140	0	30

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: 400-262754-1 MSD
Matrix: Solid
Analysis Batch: 685471

Client Sample ID: B3-14-15
Prep Type: Total/NA
Prep Batch: 685311

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Pentachlorophenol	0.189	U	4.64	2.733		mg/Kg	☼	59	40 - 140	29	30
Phenanthrene	0.0389	U	2.32	2.008		mg/Kg	☼	86	40 - 140	2	30
Phenol	0.105	U	2.32	1.684		mg/Kg	☼	73	40 - 140	1	30
Pyrene	0.0920	U	2.32	2.002		mg/Kg	☼	86	40 - 140	4	30
2,4,5-Trichlorophenol	0.0389	U	2.32	1.800		mg/Kg	☼	78	40 - 140	1	30
2,4,6-Trichlorophenol	0.0389	U	2.32	1.766		mg/Kg	☼	76	40 - 140	0	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2-Fluorobiphenyl	*73*		*27 - 127*
2-Fluorophenol (Surr)	*63*		*25 - 128*
Nitrobenzene-d5 (Surr)	*73*		*15 - 136*
Phenol-d5 (Surr)	*70*		*29 - 130*
Terphenyl-d14 (Surr)	*80*		*24 - 146*
2,4,6-Tribromophenol (Surr)	*59*		*10 - 150*

Lab Sample ID: MB 400-685605/1-A
Matrix: Water
Analysis Batch: 685669

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 685605

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Atrazine	5.00	U	10.0	5.00	ug/L		09/24/24 16:42	09/25/24 15:27	1
Acetophenone	5.10	U	10.0	5.10	ug/L		09/24/24 16:42	09/25/24 15:27	1
Benzaldehyde	2.30	U	10.0	2.30	ug/L		09/24/24 16:42	09/25/24 15:27	1
4-Bromophenyl phenyl ether	8.60	U	10.0	8.60	ug/L		09/24/24 16:42	09/25/24 15:27	1
Butyl benzyl phthalate	5.80	U	10.0	5.80	ug/L		09/24/24 16:42	09/25/24 15:27	1
Caprolactam	2.40	U	10.0	2.40	ug/L		09/24/24 16:42	09/25/24 15:27	1
4-Chloro-3-methylphenol	5.30	U	10.0	5.30	ug/L		09/24/24 16:42	09/25/24 15:27	1
Carbazole	5.00	U	10.0	5.00	ug/L		09/24/24 16:42	09/25/24 15:27	1
4-Chloroaniline	4.70	U	10.0	4.70	ug/L		09/24/24 16:42	09/25/24 15:27	1
2-Chlorophenol	4.10	U	10.0	4.10	ug/L		09/24/24 16:42	09/25/24 15:27	1
Bis(2-chloroethoxy)methane	4.60	U	10.0	4.60	ug/L		09/24/24 16:42	09/25/24 15:27	1
Bis(2-chloroethyl)ether	3.90	U	10.0	3.90	ug/L		09/24/24 16:42	09/25/24 15:27	1
2-Chloronaphthalene	3.80	U	10.0	3.80	ug/L		09/24/24 16:42	09/25/24 15:27	1
4-Chlorophenyl phenyl ether	3.70	U	10.0	3.70	ug/L		09/24/24 16:42	09/25/24 15:27	1
Dibenzofuran	4.00	U	10.0	4.00	ug/L		09/24/24 16:42	09/25/24 15:27	1
2,4-Dichlorophenol	4.30	U	10.0	4.30	ug/L		09/24/24 16:42	09/25/24 15:27	1
3,3'-Dichlorobenzidine	11.0	U	11.0	11.0	ug/L		09/24/24 16:42	09/25/24 15:27	1
2,4-Dimethylphenol	5.20	U	10.0	5.20	ug/L		09/24/24 16:42	09/25/24 15:27	1
Diethyl phthalate	4.40	U	10.0	4.40	ug/L		09/24/24 16:42	09/25/24 15:27	1
Dimethyl phthalate	4.20	U	10.0	4.20	ug/L		09/24/24 16:42	09/25/24 15:27	1
4,6-Dinitro-2-methylphenol	10.0	U	10.0	10.0	ug/L		09/24/24 16:42	09/25/24 15:27	1
1,1'-Biphenyl	3.60	U	10.0	3.60	ug/L		09/24/24 16:42	09/25/24 15:27	1
2,4-Dinitrophenol	4.60	U	30.0	4.60	ug/L		09/24/24 16:42	09/25/24 15:27	1
2,4-Dinitrotoluene	5.10	U	10.0	5.10	ug/L		09/24/24 16:42	09/25/24 15:27	1
Bis(2-ethylhexyl) phthalate	8.90	U	10.0	8.90	ug/L		09/24/24 16:42	09/25/24 15:27	1
2,6-Dinitrotoluene	3.90	U	10.0	3.90	ug/L		09/24/24 16:42	09/25/24 15:27	1
Di-n-octyl phthalate	6.00	U	10.0	6.00	ug/L		09/24/24 16:42	09/25/24 15:27	1
Hexachlorobenzene	9.70	U	10.0	9.70	ug/L		09/24/24 16:42	09/25/24 15:27	1

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: MB 400-685605/1-A
Matrix: Water
Analysis Batch: 685669

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 685605

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachlorobutadiene	3.70	U	10.0	3.70	ug/L		09/24/24 16:42	09/25/24 15:27	1
Hexachlorocyclopentadiene	4.50	U	20.0	4.50	ug/L		09/24/24 16:42	09/25/24 15:27	1
Hexachloroethane	5.20	U	10.0	5.20	ug/L		09/24/24 16:42	09/25/24 15:27	1
Isophorone	5.20	U	10.0	5.20	ug/L		09/24/24 16:42	09/25/24 15:27	1
2-Methylphenol	3.20	U	10.0	3.20	ug/L		09/24/24 16:42	09/25/24 15:27	1
3 & 4 Methylphenol	4.60	U	20.0	4.60	ug/L		09/24/24 16:42	09/25/24 15:27	1
2-Nitroaniline	5.00	U	10.0	5.00	ug/L		09/24/24 16:42	09/25/24 15:27	1
3-Nitroaniline	4.70	U	10.0	4.70	ug/L		09/24/24 16:42	09/25/24 15:27	1
4-Nitroaniline	4.10	U	10.0	4.10	ug/L		09/24/24 16:42	09/25/24 15:27	1
Nitrobenzene	4.70	U	10.0	4.70	ug/L		09/24/24 16:42	09/25/24 15:27	1
2-Nitrophenol	4.60	U	10.0	4.60	ug/L		09/24/24 16:42	09/25/24 15:27	1
4-Nitrophenol	3.30	U	10.0	3.30	ug/L		09/24/24 16:42	09/25/24 15:27	1
N-Nitrosodi-n-propylamine	2.50	U	10.0	2.50	ug/L		09/24/24 16:42	09/25/24 15:27	1
n-Nitrosodiphenylamine(as diphenylamine)	3.70	U	10.0	3.70	ug/L		09/24/24 16:42	09/25/24 15:27	1
2,2'-oxybis(1-chloropropane)	1.80	U	10.0	1.80	ug/L		09/24/24 16:42	09/25/24 15:27	1
Pentachlorophenol	11.9	U	20.0	11.9	ug/L		09/24/24 16:42	09/25/24 15:27	1
Phenol	4.20	U	10.0	4.20	ug/L		09/24/24 16:42	09/25/24 15:27	1
2,4,5-Trichlorophenol	4.00	U	10.0	4.00	ug/L		09/24/24 16:42	09/25/24 15:27	1
2,4,6-Trichlorophenol	3.50	U	10.0	3.50	ug/L		09/24/24 16:42	09/25/24 15:27	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2-Fluorobiphenyl	*53*		*21 - 114*	*09/24/24 16:42*	*09/25/24 15:27*	*1*
2-Fluorophenol (Surr)	*41*		*10 - 105*	*09/24/24 16:42*	*09/25/24 15:27*	*1*
Nitrobenzene-d5 (Surr)	*65*		*16 - 127*	*09/24/24 16:42*	*09/25/24 15:27*	*1*
Phenol-d5 (Surr)	*34*		*10 - 129*	*09/24/24 16:42*	*09/25/24 15:27*	*1*
Terphenyl-d14 (Surr)	*88*		*13 - 150*	*09/24/24 16:42*	*09/25/24 15:27*	*1*
2,4,6-Tribromophenol (Surr)	*57*		*10 - 150*	*09/24/24 16:42*	*09/25/24 15:27*	*1*

Lab Sample ID: LCS 400-685605/2-A
Matrix: Water
Analysis Batch: 685669

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 685605

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
4-Bromophenyl phenyl ether	120	83.21		ug/L		69	17 - 150
Butyl benzyl phthalate	120	96.21		ug/L		80	21 - 150
4-Chloro-3-methylphenol	120	96.26		ug/L		80	37 - 131
Carbazole	120	88.48		ug/L		74	37 - 145
4-Chloroaniline	120	78.24		ug/L		65	10 - 124
2-Chlorophenol	120	80.88		ug/L		67	27 - 124
Bis(2-chloroethoxy)methane	120	85.75		ug/L		71	24 - 125
Bis(2-chloroethyl)ether	120	69.29		ug/L		58	10 - 121
2-Chloronaphthalene	120	72.10		ug/L		60	24 - 132
4-Chlorophenyl phenyl ether	120	77.50		ug/L		65	27 - 147
Dibenzofuran	120	79.77		ug/L		66	30 - 135
2,4-Dichlorophenol	120	93.70		ug/L		78	33 - 132
2,4-Dimethylphenol	120	158.2		ug/L		132	38 - 132
Diethyl phthalate	120	87.64		ug/L		73	37 - 145
Dimethyl phthalate	120	87.40		ug/L		73	32 - 137

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCS 400-685605/2-A
Matrix: Water
Analysis Batch: 685669

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 685605

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Di-n-butyl phthalate	120	118.3		ug/L		99	27 - 150
4,6-Dinitro-2-methylphenol	240	194.9		ug/L		81	14 - 150
2,4-Dinitrophenol	240	185.5		ug/L		77	15 - 150
2,4-Dinitrotoluene	120	95.21		ug/L		79	35 - 136
Bis(2-ethylhexyl) phthalate	120	86.98		ug/L		72	16 - 150
2,6-Dinitrotoluene	120	91.91		ug/L		77	29 - 140
Di-n-octyl phthalate	120	77.55		ug/L		65	26 - 150
Hexachlorobenzene	120	82.80		ug/L		69	10 - 150
Hexachlorobutadiene	120	57.30		ug/L		48	10 - 150
Hexachlorocyclopentadiene	120	124.7		ug/L		104	10 - 124
Hexachloroethane	120	53.36		ug/L		44	10 - 127
Isophorone	120	89.42		ug/L		75	28 - 127
2-Methylphenol	120	91.30		ug/L		76	34 - 124
3 & 4 Methylphenol	120	85.73		ug/L		71	32 - 122
2-Nitroaniline	120	86.51		ug/L		72	24 - 139
3-Nitroaniline	120	69.56		ug/L		58	10 - 128
4-Nitroaniline	120	71.25		ug/L		59	28 - 118
Nitrobenzene	120	82.55		ug/L		69	29 - 120
2-Nitrophenol	120	92.42		ug/L		77	25 - 148
4-Nitrophenol	240	124.1		ug/L		52	12 - 129
N-Nitrosodi-n-propylamine	120	89.76		ug/L		75	24 - 142
n-Nitrosodiphenylamine(as diphenylamine)	119	90.49		ug/L		76	29 - 138
2,2'-oxybis(1-chloropropane)	120	99.10		ug/L		83	14 - 123
Pentachlorophenol	240	175.1		ug/L		73	19 - 150
Phenol	120	55.34		ug/L		46	11 - 95
2,4,5-Trichlorophenol	120	87.33		ug/L		73	30 - 144
2,4,6-Trichlorophenol	120	88.41		ug/L		74	27 - 147

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2-Fluorobiphenyl	*60*		*21 - 114*
2-Fluorophenol (Surr)	*44*		*10 - 105*
Nitrobenzene-d5 (Surr)	*72*		*16 - 127*
Phenol-d5 (Surr)	*44*		*10 - 129*
Terphenyl-d14 (Surr)	*87*		*13 - 150*
2,4,6-Tribromophenol (Surr)	*65*		*10 - 150*

Lab Sample ID: LCSD 400-685605/3-A
Matrix: Water
Analysis Batch: 685669

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 685605

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
4-Bromophenyl phenyl ether	120	87.34		ug/L		73	17 - 150	5	40
Butyl benzyl phthalate	120	98.79		ug/L		82	21 - 150	3	40
4-Chloro-3-methylphenol	120	99.57		ug/L		83	37 - 131	3	40
Carbazole	120	94.05		ug/L		78	37 - 145	6	40
4-Chloroaniline	120	79.50		ug/L		66	10 - 124	2	40
2-Chlorophenol	120	84.15		ug/L		70	27 - 124	4	40
Bis(2-chloroethoxy)methane	120	87.04		ug/L		73	24 - 125	1	40

Method: 8270E - Semivolatile Organic Compounds (GC/MS) (Continued)

Lab Sample ID: LCSD 400-685605/3-A
Matrix: Water
Analysis Batch: 685669

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 685605

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Bis(2-chloroethyl)ether	120	76.83		ug/L		64	10 - 121	10	40
2-Chloronaphthalene	120	74.43		ug/L		62	24 - 132	3	40
4-Chlorophenyl phenyl ether	120	82.83		ug/L		69	27 - 147	7	40
Dibenzofuran	120	82.48		ug/L		69	30 - 135	3	40
2,4-Dichlorophenol	120	96.65		ug/L		81	33 - 132	3	40
2,4-Dimethylphenol	120	163.1	*+	ug/L		136	38 - 132	3	40
Diethyl phthalate	120	89.30		ug/L		74	37 - 145	2	40
Dimethyl phthalate	120	89.09		ug/L		74	32 - 137	2	40
Di-n-butyl phthalate	120	111.9		ug/L		93	27 - 150	6	40
4,6-Dinitro-2-methylphenol	240	206.7		ug/L		86	14 - 150	6	40
2,4-Dinitrophenol	240	203.3		ug/L		85	15 - 150	9	40
2,4-Dinitrotoluene	120	96.97		ug/L		81	35 - 136	2	40
Bis(2-ethylhexyl) phthalate	120	90.80		ug/L		76	16 - 150	4	40
2,6-Dinitrotoluene	120	92.37		ug/L		77	29 - 140	1	40
Di-n-octyl phthalate	120	82.54		ug/L		69	26 - 150	6	40
Hexachlorobenzene	120	84.70		ug/L		71	10 - 150	2	40
Hexachlorobutadiene	120	49.41		ug/L		41	10 - 150	15	40
Hexachlorocyclopentadiene	120	139.2		ug/L		116	10 - 124	11	40
Hexachloroethane	120	45.02		ug/L		38	10 - 127	17	40
Isophorone	120	91.80		ug/L		76	28 - 127	3	40
2-Methylphenol	120	94.14		ug/L		78	34 - 124	3	40
3 & 4 Methylphenol	120	87.59		ug/L		73	32 - 122	2	40
2-Nitroaniline	120	89.47		ug/L		75	24 - 139	3	40
3-Nitroaniline	120	70.64		ug/L		59	10 - 128	2	40
4-Nitroaniline	120	78.90		ug/L		66	28 - 118	10	40
Nitrobenzene	120	84.75		ug/L		71	29 - 120	3	40
2-Nitrophenol	120	96.16		ug/L		80	25 - 148	4	40
4-Nitrophenol	240	130.8		ug/L		55	12 - 129	5	40
N-Nitrosodi-n-propylamine	120	92.76		ug/L		77	24 - 142	3	40
n-Nitrosodiphenylamine(as diphenylamine)	119	92.60		ug/L		78	29 - 138	2	40
2,2'-oxybis(1-chloropropane)	120	101.1		ug/L		84	14 - 123	2	40
Pentachlorophenol	240	184.0		ug/L		77	19 - 150	5	40
Phenol	120	56.64		ug/L		47	11 - 95	2	40
2,4,5-Trichlorophenol	120	88.82		ug/L		74	30 - 144	2	40
2,4,6-Trichlorophenol	120	89.91		ug/L		75	27 - 147	2	40

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
2-Fluorobiphenyl	*59*		*21 - 114*
2-Fluorophenol (Surr)	*43*		*10 - 105*
Nitrobenzene-d5 (Surr)	*71*		*16 - 127*
Phenol-d5 (Surr)	*43*		*10 - 129*
Terphenyl-d14 (Surr)	*83*		*13 - 150*
2,4,6-Tribromophenol (Surr)	*62*		*10 - 150*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 240-628429/1-A
Matrix: Solid
Analysis Batch: 628488

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 628429

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.359	U	2.00	0.359	mg/Kg		09/25/24 14:00	09/26/24 06:32	1
Arsenic	0.316	U	1.50	0.316	mg/Kg		09/25/24 14:00	09/26/24 06:32	1
Barium	0.1347	J	20.0	0.126	mg/Kg		09/25/24 14:00	09/26/24 06:32	1
Beryllium	0.0540	U	0.500	0.0540	mg/Kg		09/25/24 14:00	09/26/24 06:32	1
Cadmium	0.0480	U	0.500	0.0480	mg/Kg		09/25/24 14:00	09/26/24 06:32	1
Chromium	0.343	U	1.00	0.343	mg/Kg		09/25/24 14:00	09/26/24 06:32	1
Cobalt	0.0740	U	1.00	0.0740	mg/Kg		09/25/24 14:00	09/26/24 06:32	1
Copper	0.701	U	2.50	0.701	mg/Kg		09/25/24 14:00	09/26/24 06:32	1
Lead	0.282	U	1.00	0.282	mg/Kg		09/25/24 14:00	09/26/24 06:32	1
Molybdenum	0.461	U	4.00	0.461	mg/Kg		09/25/24 14:00	09/26/24 06:32	1
Nickel	0.236	U	4.00	0.236	mg/Kg		09/25/24 14:00	09/26/24 06:32	1
Selenium	0.469	U	2.00	0.469	mg/Kg		09/25/24 14:00	09/26/24 06:32	1
Silver	0.0810	U	1.00	0.0810	mg/Kg		09/25/24 14:00	09/26/24 06:32	1
Thallium	0.399	U	2.00	0.399	mg/Kg		09/25/24 14:00	09/26/24 06:32	1
Vanadium	0.822	U	5.00	0.822	mg/Kg		09/25/24 14:00	09/26/24 06:32	1
Zinc	3.62	U	5.00	3.62	mg/Kg		09/25/24 14:00	09/26/24 06:32	1

Lab Sample ID: LCS 240-628429/2-A
Matrix: Solid
Analysis Batch: 628488

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 628429

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Antimony	100	90.48		mg/Kg		90	80 - 120
Arsenic	200	190.7		mg/Kg		95	80 - 120
Barium	200	184.8		mg/Kg		92	80 - 120
Beryllium	100	92.71		mg/Kg		93	80 - 120
Cadmium	100	94.95		mg/Kg		95	80 - 120
Chromium	100	93.52		mg/Kg		94	80 - 120
Cobalt	100	94.39		mg/Kg		94	80 - 120
Copper	100	91.22		mg/Kg		91	80 - 120
Lead	100	89.14		mg/Kg		89	80 - 120
Molybdenum	100	93.96		mg/Kg		94	80 - 120
Nickel	100	94.44		mg/Kg		94	80 - 120
Selenium	200	190.6		mg/Kg		95	80 - 120
Silver	10.0	8.125		mg/Kg		81	80 - 120
Thallium	200	189.4		mg/Kg		95	80 - 120
Vanadium	100	92.86		mg/Kg		93	80 - 120
Zinc	100	92.91		mg/Kg		93	80 - 120

Lab Sample ID: MB 240-628406/1-A
Matrix: Water
Analysis Batch: 628651

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 628406

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic, Dissolved	0.00405	U	0.0150	0.00405	mg/L		09/25/24 14:00	09/26/24 09:58	1
Barium, Dissolved	0.00131	U	0.200	0.00131	mg/L		09/25/24 14:00	09/26/24 09:58	1
Cadmium, Dissolved	0.000450	U	0.00500	0.000450	mg/L		09/25/24 14:00	09/26/24 09:58	1
Chromium, Dissolved	0.000758	U	0.0100	0.000758	mg/L		09/25/24 14:00	09/26/24 09:58	1
Lead, Dissolved	0.00277	U	0.0100	0.00277	mg/L		09/25/24 14:00	09/26/24 09:58	1

Method: 6010D - Metals (ICP) (Continued)

Lab Sample ID: MB 240-628406/1-A
Matrix: Water
Analysis Batch: 628651

Client Sample ID: Method Blank
Prep Type: Total Recoverable
Prep Batch: 628406

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Selenium, Dissolved	0.00596	U	0.0200	0.00596	mg/L		09/25/24 14:00	09/26/24 09:58	1
Silver, Dissolved	0.00135	U	0.0100	0.00135	mg/L		09/25/24 14:00	09/26/24 09:58	1

Lab Sample ID: LCS 240-628406/2-A
Matrix: Water
Analysis Batch: 628651

Client Sample ID: Lab Control Sample
Prep Type: Total Recoverable
Prep Batch: 628406

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic, Dissolved	2.00	2.054		mg/L		103	80 - 120
Barium, Dissolved	2.00	1.694		mg/L		85	80 - 120
Cadmium, Dissolved	1.00	1.020		mg/L		102	80 - 120
Chromium, Dissolved	1.00	0.9837		mg/L		98	80 - 120
Lead, Dissolved	1.00	0.9346		mg/L		93	80 - 120
Selenium, Dissolved	2.00	2.066		mg/L		103	80 - 120
Silver, Dissolved	0.100	0.08904		mg/L		89	80 - 120

Method: 7470A - Mercury (CVAA)

Lab Sample ID: MB 240-628412/1-A
Matrix: Water
Analysis Batch: 628609

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 628412

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.130	U	0.200	0.130	ug/L		09/25/24 14:00	09/26/24 11:13	1

Lab Sample ID: LCS 240-628412/2-A
Matrix: Water
Analysis Batch: 628609

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 628412

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	5.00	4.919		ug/L		98	80 - 120

Method: 7471B - Mercury (CVAA)

Lab Sample ID: MB 240-628432/1-A
Matrix: Solid
Analysis Batch: 628594

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 628432

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	0.0180	U	0.100	0.0180	mg/Kg		09/25/24 14:00	09/26/24 11:34	1

Lab Sample ID: LCS 240-628432/2-A
Matrix: Solid
Analysis Batch: 628594

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 628432

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Mercury	0.833	0.7462		mg/Kg		90	80 - 120

Method: Moisture - Percent Moisture

Lab Sample ID: 400-262754-1 DU
Matrix: Solid
Analysis Batch: 685723

Client Sample ID: B3-14-15
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Solids	82.7		82.6		%		0.1	10
Percent Moisture	17.3		17.4		%		0.6	

Lab Chronicle

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

Client Sample ID: B3-14-15
Date Collected: 09/17/24 09:08
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			685723	09/25/24 11:03	TMP	EET PEN

Client Sample ID: B3-14-15
Date Collected: 09/17/24 09:08
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-1
Matrix: Solid
Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.05 g	5.00 g	685703	09/25/24 09:57	BPO	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	685671	09/25/24 12:43	BPO	EET PEN
Total/NA	Prep	3546			15.37 g	1 mL	685311	09/21/24 12:57	YC	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	685471	09/23/24 18:04	S1B	EET PEN
Total/NA	Prep	3050B			1.34 g	100 mL	628429	09/25/24 14:00	DEE	EET CLE
Total/NA	Analysis	6010D		1			628668	09/26/24 14:18	RKT	EET CLE
Total/NA	Prep	7471B			0.61 g	100 mL	628432	09/25/24 14:00	DEE	EET CLE
Total/NA	Analysis	7471B		1			628594	09/26/24 11:44	GK	EET CLE

Client Sample ID: B2-22-23
Date Collected: 09/17/24 10:40
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			685723	09/25/24 11:03	TMP	EET PEN

Client Sample ID: B2-22-23
Date Collected: 09/17/24 10:40
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-2
Matrix: Solid
Percent Solids: 80.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.95 g	5.00 g	685703	09/25/24 09:57	BPO	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	685671	09/25/24 13:11	BPO	EET PEN
Total/NA	Prep	3546			15.51 g	1 mL	685311	09/21/24 12:57	YC	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	685471	09/23/24 18:28	S1B	EET PEN
Total/NA	Prep	3050B			1.37 g	100 mL	628429	09/25/24 14:00	DEE	EET CLE
Total/NA	Analysis	6010D		1			628668	09/26/24 14:22	RKT	EET CLE
Total/NA	Prep	7471B			0.63 g	100 mL	628432	09/25/24 14:00	DEE	EET CLE
Total/NA	Analysis	7471B		1			628594	09/26/24 11:46	GK	EET CLE

Client Sample ID: B1-16-17
Date Collected: 09/17/24 11:59
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			685723	09/25/24 11:03	TMP	EET PEN

Lab Chronicle

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

Client Sample ID: B1-16-17

Lab Sample ID: 400-262754-3
Date Collected: 09/17/24 11:59
Matrix: Solid
Date Received: 09/19/24 09:38
Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.13 g	5.00 g	685703	09/25/24 09:57	BPO	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	685671	09/25/24 13:36	BPO	EET PEN
Total/NA	Prep	3546			15.23 g	1 mL	685311	09/21/24 12:57	YC	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	685471	09/23/24 18:53	S1B	EET PEN
Total/NA	Prep	3050B			1.43 g	100 mL	628429	09/25/24 14:00	DEE	EET CLE
Total/NA	Analysis	6010D		1			628668	09/26/24 14:26	RKT	EET CLE
Total/NA	Prep	7471B			0.69 g	100 mL	628432	09/25/24 14:00	DEE	EET CLE
Total/NA	Analysis	7471B		1			628594	09/26/24 11:48	GK	EET CLE

Client Sample ID: COMP SAMPLE-DISPOSAL

Lab Sample ID: 400-262754-4
Date Collected: 09/17/24 12:30
Matrix: Solid
Date Received: 09/19/24 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			628394	09/25/24 10:50	GZF4	EET CLE

Client Sample ID: COMP SAMPLE-DISPOSAL

Lab Sample ID: 400-262754-4
Date Collected: 09/17/24 12:30
Matrix: Solid
Date Received: 09/19/24 09:38
Percent Solids: 81.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.26 g	100 mL	628429	09/25/24 14:00	DEE	EET CLE
Total/NA	Analysis	6010D		1			628668	09/26/24 14:39	RKT	EET CLE
Total/NA	Prep	7471B			0.66 g	100 mL	628432	09/25/24 14:00	DEE	EET CLE
Total/NA	Analysis	7471B		1			628594	09/26/24 11:49	GK	EET CLE

Client Sample ID: B3

Lab Sample ID: 400-262754-5
Date Collected: 09/17/24 09:36
Matrix: Water
Date Received: 09/19/24 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	685806	09/26/24 15:02	WPD	EET PEN
Total/NA	Prep	3510C			211 mL	1 mL	685605	09/24/24 16:43	BKL	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	685733	09/25/24 19:44	S1B	EET PEN
Dissolved	Filtration	FILTRATION			50 mL	50 mL	628400	09/25/24 11:30	TQ6W	EET CLE
Dissolved	Prep	3005A			50 mL	50 mL	628406	09/25/24 14:00	TQ6W	EET CLE
Dissolved	Analysis	6010D		1			628651	09/26/24 10:06	KLC	EET CLE
Dissolved	Filtration	FILTRATION			50 mL	50 mL	628400	09/25/24 11:30	TQ6W	EET CLE
Dissolved	Prep	3005A			50 mL	50 mL	628406	09/25/24 14:00	TQ6W	EET CLE
Dissolved	Analysis	6010D		2			628651	09/26/24 11:18	KLC	EET CLE
Dissolved	Filtration	FILTRATION			50 mL	50 mL	628400	09/25/24 11:30	TQ6W	EET CLE
Dissolved	Prep	7470A			50 mL	50 mL	628412	09/25/24 14:00	TQ6W	EET CLE
Dissolved	Analysis	7470A		1			628609	09/26/24 11:37	GK	EET CLE

Lab Chronicle

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

Client Sample ID: B2

Lab Sample ID: 400-262754-6

Date Collected: 09/17/24 10:40
Matrix: Water
Date Received: 09/19/24 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	685806	09/26/24 15:24	WPD	EET PEN
Total/NA	Prep	3510C			236.4 mL	1 mL	685605	09/24/24 16:43	BKL	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	685733	09/25/24 22:20	S1B	EET PEN
Dissolved	Filtration	FILTRATION			50 mL	50 mL	628400	09/25/24 11:30	TQ6W	EET CLE
Dissolved	Prep	3005A			50 mL	50 mL	628406	09/25/24 14:00	TQ6W	EET CLE
Dissolved	Analysis	6010D		1			628651	09/26/24 10:11	KLC	EET CLE
Dissolved	Filtration	FILTRATION			50 mL	50 mL	628400	09/25/24 11:30	TQ6W	EET CLE
Dissolved	Prep	7470A			50 mL	50 mL	628412	09/25/24 14:00	TQ6W	EET CLE
Dissolved	Analysis	7470A		1			628609	09/26/24 11:39	GK	EET CLE

Client Sample ID: B1

Lab Sample ID: 400-262754-7

Date Collected: 09/17/24 11:52
Matrix: Water
Date Received: 09/19/24 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	685806	09/26/24 15:46	WPD	EET PEN
Total/NA	Prep	3510C			214.4 mL	1 mL	685605	09/24/24 16:43	BKL	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	685733	09/25/24 22:42	S1B	EET PEN
Dissolved	Filtration	FILTRATION			50 mL	50 mL	628400	09/25/24 11:30	TQ6W	EET CLE
Dissolved	Prep	3005A			50 mL	50 mL	628406	09/25/24 14:00	TQ6W	EET CLE
Dissolved	Analysis	6010D		1			628651	09/26/24 10:24	KLC	EET CLE
Dissolved	Filtration	FILTRATION			50 mL	50 mL	628400	09/25/24 11:30	TQ6W	EET CLE
Dissolved	Prep	7470A			50 mL	50 mL	628412	09/25/24 14:00	TQ6W	EET CLE
Dissolved	Analysis	7470A		1			628609	09/26/24 11:41	GK	EET CLE

Client Sample ID: TRIP BLANKS

Lab Sample ID: 400-262754-8

Date Collected: 09/17/24 00:00
Matrix: Water
Date Received: 09/19/24 09:38

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	685806	09/26/24 16:08	WPD	EET PEN

Client Sample ID: Method Blank

Lab Sample ID: MB 240-628406/1-A

Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	628406	09/25/24 14:00	TQ6W	EET CLE
Total Recoverable	Analysis	6010D		1			628651	09/26/24 09:58	KLC	EET CLE

Client Sample ID: Method Blank
Lab Sample ID: MB 240-628412/1-A
Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	628412	09/25/24 14:00	TQ6W	EET CLE
Total/NA	Analysis	7470A		1			628609	09/26/24 11:13	GK	EET CLE

Client Sample ID: Method Blank
Lab Sample ID: MB 240-628429/1-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.00 g	100 mL	628429	09/25/24 14:00	DEE	EET CLE
Total/NA	Analysis	6010D		1			628488	09/26/24 06:32	RKT	EET CLE

Client Sample ID: Method Blank
Lab Sample ID: MB 240-628432/1-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.60 g	100 mL	628432	09/25/24 14:00	DEE	EET CLE
Total/NA	Analysis	7471B		1			628594	09/26/24 11:34	GK	EET CLE

Client Sample ID: Method Blank
Lab Sample ID: MB 400-685311/1-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	1 mL	685311	09/21/24 12:57	YC	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	685471	09/23/24 16:24	S1B	EET PEN

Client Sample ID: Method Blank
Lab Sample ID: MB 400-685605/1-A
Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			250 mL	1 mL	685605	09/24/24 16:42	BKL	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	685669	09/25/24 15:27	S1B	EET PEN

Client Sample ID: Method Blank
Lab Sample ID: MB 400-685703/2-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5.00 g	685703	09/25/24 09:57	BPO	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	685671	09/25/24 11:06	BPO	EET PEN

Client Sample ID: Method Blank
Lab Sample ID: MB 400-685806/4
Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	685806	09/26/24 08:05	WPD	EET PEN

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 240-628406/2-A
Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total Recoverable	Prep	3005A			50 mL	50 mL	628406	09/25/24 14:00	TQ6W	EET CLE
Total Recoverable	Analysis	6010D		1			628651	09/26/24 10:02	KLC	EET CLE

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 240-628412/2-A
Date Collected: N/A
Matrix: Water
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7470A			50 mL	50 mL	628412	09/25/24 14:00	TQ6W	EET CLE
Total/NA	Analysis	7470A		1			628609	09/26/24 11:15	GK	EET CLE

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 240-628429/2-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.00 g	100 mL	628429	09/25/24 14:00	DEE	EET CLE
Total/NA	Analysis	6010D		1			628488	09/26/24 06:36	RKT	EET CLE

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 240-628432/2-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	7471B			0.60 g	100 mL	628432	09/25/24 14:00	DEE	EET CLE
Total/NA	Analysis	7471B		1			628594	09/26/24 11:36	GK	EET CLE

Client Sample ID: Lab Control Sample
Lab Sample ID: LCS 400-685311/2-A
Date Collected: N/A
Matrix: Solid
Date Received: N/A

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.00 g	1 mL	685311	09/21/24 12:57	YC	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	685471	09/23/24 16:49	S1B	EET PEN

Lab Chronicle

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

Client Sample ID: Lab Control Sample
Date Collected: N/A
Date Received: N/A

Lab Sample ID: LCS 400-685605/2-A
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			250 mL	1 mL	685605	09/24/24 16:42	BKL	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	685669	09/25/24 15:52	S1B	EET PEN

Client Sample ID: Lab Control Sample
Date Collected: N/A
Date Received: N/A

Lab Sample ID: LCS 400-685703/1-A
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.00 g	5.00 g	685703	09/25/24 09:57	BPO	EET PEN
Total/NA	Analysis	8260D		1	5 mL	5 mL	685671	09/25/24 09:57	BPO	EET PEN

Client Sample ID: Lab Control Sample
Date Collected: N/A
Date Received: N/A

Lab Sample ID: LCS 400-685806/1002
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	5 mL	5 mL	685806	09/26/24 07:10	WPD	EET PEN

Client Sample ID: Lab Control Sample Dup
Date Collected: N/A
Date Received: N/A

Lab Sample ID: LCSD 400-685605/3-A
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3510C			250 mL	1 mL	685605	09/24/24 16:42	BKL	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	685669	09/25/24 16:17	S1B	EET PEN

Client Sample ID: B3-14-15
Date Collected: 09/17/24 09:08
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-1 MS
Matrix: Solid
Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.19 g	1 mL	685311	09/21/24 12:57	YC	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	685471	09/23/24 17:14	S1B	EET PEN

Client Sample ID: B3-14-15
Date Collected: 09/17/24 09:08
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-1 MSD
Matrix: Solid
Percent Solids: 82.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			15.63 g	1 mL	685311	09/21/24 12:57	YC	EET PEN
Total/NA	Analysis	8270E		1	0.4 mL	0.4 mL	685471	09/23/24 17:39	S1B	EET PEN

Client Sample ID: B3-14-15
Date Collected: 09/17/24 09:08
Date Received: 09/19/24 09:38

Lab Sample ID: 400-262754-1 DU
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			685723	09/25/24 11:03	TMP	EET PEN

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Method Summary

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET PEN
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	EET PEN
6010D	Metals (ICP)	SW846	EET CLE
7470A	Mercury (CVAA)	SW846	EET CLE
7471B	Mercury (CVAA)	SW846	EET CLE
Moisture	Percent Moisture	EPA	EET CLE
Moisture	Percent Moisture	EPA	EET PEN
3005A	Preparation, Total Recoverable or Dissolved Metals	SW846	EET CLE
3050B	Preparation, Metals	SW846	EET CLE
3510C	Liquid-Liquid Extraction (Separatory Funnel)	SW846	EET PEN
3546	Microwave Extraction	SW846	EET PEN
5030C	Purge and Trap	SW846	EET PEN
5035	Closed System Purge and Trap	SW846	EET PEN
7470A	Preparation, Mercury	SW846	EET CLE
7471B	Preparation, Mercury	SW846	EET CLE
FILTRATION	Sample Filtration	None	EET CLE

Protocol References:

EPA = US Environmental Protection Agency

None = None

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

EET CLE = Eurofins Cleveland, 180 S. Van Buren Avenue, Barberton, OH 44203, TEL (330)497-9396

EET PEN = Eurofins Pensacola, 3355 McLemore Drive, Pensacola, FL 32514, TEL (850)474-1001

Accreditation/Certification Summary

Client: Lord and Winter, LLC
Project/Site: 2256 Claremont Ct, Hayward, CA

Job ID: 400-262754-1

Laboratory: Eurofins Pensacola

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
Illinois	NELAP	200041	10-09-24

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260D		Water	1,1,2-Trichloro-1,2,2-trifluoroethane
8260D		Water	Methyl acetate
8260D	5035	Solid	1,1,2-Trichloro-1,2,2-trifluoroethane
8260D	5035	Solid	Methyl acetate
8270E	3510C	Water	1,1'-Biphenyl
8270E	3510C	Water	2,2'-oxybis(1-chloropropane)
8270E	3510C	Water	2,4,5-Trichlorophenol
8270E	3510C	Water	2,4,6-Trichlorophenol
8270E	3510C	Water	2,4-Dichlorophenol
8270E	3510C	Water	2,4-Dimethylphenol
8270E	3510C	Water	2,4-Dinitrophenol
8270E	3510C	Water	2,4-Dinitrotoluene
8270E	3510C	Water	2,6-Dinitrotoluene
8270E	3510C	Water	2-Chloronaphthalene
8270E	3510C	Water	2-Chlorophenol
8270E	3510C	Water	2-Methylphenol
8270E	3510C	Water	2-Nitroaniline
8270E	3510C	Water	2-Nitrophenol
8270E	3510C	Water	3 & 4 Methylphenol
8270E	3510C	Water	3,3'-Dichlorobenzidine
8270E	3510C	Water	3-Nitroaniline
8270E	3510C	Water	4,6-Dinitro-2-methylphenol
8270E	3510C	Water	4-Bromophenyl phenyl ether
8270E	3510C	Water	4-Chloro-3-methylphenol
8270E	3510C	Water	4-Chloroaniline
8270E	3510C	Water	4-Chlorophenyl phenyl ether
8270E	3510C	Water	4-Nitroaniline
8270E	3510C	Water	4-Nitrophenol
8270E	3510C	Water	Acetophenone
8270E	3510C	Water	Atrazine
8270E	3510C	Water	Benzaldehyde
8270E	3510C	Water	Bis(2-chloroethoxy)methane
8270E	3510C	Water	Bis(2-chloroethyl)ether
8270E	3510C	Water	Bis(2-ethylhexyl) phthalate
8270E	3510C	Water	Butyl benzyl phthalate
8270E	3510C	Water	Caprolactam
8270E	3510C	Water	Carbazole
8270E	3510C	Water	Dibenzofuran
8270E	3510C	Water	Diethyl phthalate
8270E	3510C	Water	Dimethyl phthalate
8270E	3510C	Water	Di-n-butyl phthalate
8270E	3510C	Water	Di-n-octyl phthalate
8270E	3510C	Water	Hexachlorobenzene
8270E	3510C	Water	Hexachlorobutadiene
8270E	3510C	Water	Hexachlorocyclopentadiene