Phase II Environmental Site Assessment
Assessor's Parcel Number 381-050-69-00
South County Animal Shelter, Santee
San Diego County, California

PREPARED FOR:

County of San Diego
Department of General Services
5560 Overland Avenue, Suite 410
San Diego, California 92123
and
Ms. Morgan Weintraub
RECON Environmental, Inc.
1927 Fifth Avenue
San Diego, California 92101

PREPARED BY:

The Bodhi Group Inc.

July 2020
Project No. 9140002

July 28, 2020
Project No. 9140002

Ms. Morgan Weintraub
Environmental Analyst
RECON Environmental, Inc.
1927 Fifth Avenue
San Diego, California 92101

Subject: Phase II Environmental Site Assessment
APN 381-050-69-00
South County Animal Shelter, Santee
San Diego County, California

Dear Ms.Weintraub,

Please find attached Phase II Environmental Site Assessment (ESA) for the property located within San Diego County Tax Assessor's Parcel Number 381-50-69-00 in the city of Santee within San Diego County, California.

Sincerely,

THE BODHI GROUP, INC.

Sree Gopinath, P.E.
Principal Engineer

Brianne Cortright, P.G.
Project Geologist

PROFESSIONAL GEOLOGIST
BRIANNE M. CORTRIGHT
No. 9828
STATE OF CALIFORNIA

Distribution: (1) Addressee

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1. INTRODUCTION

The Bodhi Group, Inc. (Bodhi Group) was retained by RECON Environmental, Inc. (RECON, Client) to perform a Phase II Environmental Site Assessment (ESA) for a portion of an approximately 10.5-acre parcel assigned Assessor's Parcel Number 381-050-69-00 located north of Riverview Parkway and west of North Magnolia Avenue (Site, Figure 1) in the city of Santee within San Diego County. The Site is not associated with a street address.

The Site is currently owned by the County of San Diego and consists of undeveloped land. During a Phase I ESA, performed by The Bodhi Group in April 2020, undocumented fill soil previously placed at the site and historical agricultural use of the Site were considered Recognized Environmental Conditions (RECs) and additional investigation was recommended (Bodhi, 2020). It is our understanding the Site is planned for redevelopment into the South County Animal Shelter.

1.1. Purpose

The purpose of the Phase II ESA was to address the RECs identified in the Phase I ESA.

1.2. Scope of Services

The following services were provided for this assessment:

- Prepared a Site-specific Health and Safety Plan
- Marked proposed boring locations and notified Underground Service Alert a minimum of 72 hours prior to collection soil samples.
- Conducted a private geophysical survey to identify potential subsurface utilities.
- Retained a licensed drilling subcontractor to advance five soil borings to a maximum depth of 16 feet below ground surface (bgs).
- Samples representative of the undocumented fill were analyzed at a certified laboratory for total petroleum hydrocarbons (TPH), volatile organic compounds (VOCs), semi-volatile organic compounds (SVOCs), metals, polychlorinated biphenyls (PCBs), and pesticides.
- Samples representative of the soil beneath the undocumented fill were evaluated for pesticides.
- Compared laboratory-reported concentrations of chemicals with state-published environmental screening levels to evaluate contamination in the undocumented fill and the soil beneath the fill.
- Prepared this Phase II ESA report describing field activities, summarizing findings, and providing opinions, conclusions, and recommendations.

2. SITE DESCRIPTION

2.1. Location and Description

The Site is located northeast of the intersection of Riverview Parkway and North Magnolia Avenue in the city of Santee within San Diego County. The Site is comprised of San Diego County-owned vacant land and is not associated with a street address.

2.2. Current Use of The Site

On April 1, 2020, as part of the Phase I ESA, a representative of the Bodhi Group performed a visual inspection of the Site and adjoining properties. The Site was observed to be vacant and undeveloped. The majority of the Site was covered with trees and low vegetation. The Site was secured with a chain link fence with some breaks/damage to the fencing and appeared accessible to foot traffic (Bodhi, 2020).

3. PHYSICAL SETTING

3.1.1. Topography

Based on a review of United States Geological Survey (USGS), 7.5-minute topographic series, El Cajon, California quadrangle map, the Site is relatively flat and is situated at an elevation of approximately 350 feet above North American Vertical Datum of 1988 in feet (USGS, 2018).

3.1.2. Site Geology

Based on a review of the Preliminary Geologic Map of the El Cajon 30' x 60' Quadrangle, the Site is underlain by Quaternary Alluvium and Colluvium, undivided, which are described as younger and older alluvium and colluvium not mapped separately (Todd, 2004).

Borings advanced during the Phase II ESA indicated that the undocumented fill was located on the west half of the Site and extended to a maximum depth of 15 feet bgs. The fill was described as light brown to dark brown and grayish brown, fine to coarse sand and silty sand with clay, gravel, and cobbles, in some borings, at varying depths. Borings indicated that alluvium was located beneath the fill. The Alluvium was described as dark grayish brown and light gray and black silty fine to medium sand and was observed to be generally consistent in composition throughout the Site.

3.1.3. Groundwater

The Site is located within the Santee Hydrologic Subarea (HSA) of the Lower San Diego Hydrologic Area, of the San Diego Hydrologic Unit. The beneficial uses of groundwater in the Santee HSA include municipal, industrial, agricultural, and processing supply (SDRWQCB, 2016).

4. FIELD ACTIVITIES

The following sections summarize the field activities performed by the Bodhi Group for the Phase II ESA.

4.1. Boring Locations

Five boring locations were selected at locations throughout areas of undocumented fill. Boring locations are depicted on Figure 2.

4.2. Pre-Field Activities

The following pre-field activities were performed in preparation of the drilling and soil sample collection.

4.2.1. Health and Safety Plan Preparation

Prior to commencement of field activities, The Bodhi Group prepared a Site-specific Health and Safety Plan (HASP) identifying potential chemical and physical hazards that may be encountered during planned field activities. The HASP was reviewed by field personnel during the health and safety meeting prior to beginning field activities.

4.2.2. Geophysical Survey

On June 16, 2020 Southwest Geophysics – an Atlas Company, performed a geophysical survey of the boring locations and surrounding areas to mark any buried utilities or obstructions.

4.3. Drilling and Soil Sample Collection

On June 16, 2020 five soil borings were advanced via a Strataprobe direct-push drill rig operated by H&P Mobile Geochemistry, Inc., a bonded, C-57-licensed drilling contractor. The borings were advanced to a maximum depth of 16 feet bgs and soil was collected by driving a macro-core with a 2-inch diameter acetate sleeve. The boring locations are depicted in Figure 2.

Soil samples were collected from within the undocumented fill and composited into one representative sample from each boring. The depths of soil samples from the undocumented fill composited in each boring included:

- Soil Boring (SB)1: 2.5 – 5.5 feet bgs;
- SB2: 5.0 – 8.0 feet bgs;
- SB3: 3.0 – 7.0 feet bgs;
- SB4: 3.0 – 6.0 feet bgs; and
- SB5: 3.0 – 7.0 feet bgs.

Fill soil sample cores were reviewed for lithology and inspected for odors or staining that may indicate the presence of gross contamination. The soil core was removed from the acetate sleeve and placed in a large disposable plastic bag (a new bag was used for each boring location) for composition. Prior to soil composition, soil samples were collected by U.S. EPA Method 5035 and preserved for VOC analysis. Following composition of the core, soil samples were placed in laboratory supplied containers. The soil core from SB4 at 12.0 feet bgs was observed to have dark coloration, distinct from adjacent soil. A

discrete soil sample was collected representative of this soil for metals analysis to evaluate the presence of burned waste.

The contact between the undocumented fill and the underlying alluvium was identified in each boring. Fill soil was observed to extend to depths ranging from of 13.5 feet bgs and 15 feet bgs.

Discrete soil samples were collected from the alluvium just below the contact with the fill at the following depths:

- SB1: 15.0 – 15.5 feet bgs;
- SB2: 13.5 – 14.0 feet bgs;
- SB3: 14.0 – 14.5 feet bgs;
- SB4: 14.5 – 15.0 feet bgs; and
- SB5: 13.5 – 14.0 feet bgs.

The samples were collected directly from the acetate sleeves and placed into laboratory supplied glass jars.

For each sample collected; the sample ID, date, and time of collection were recorded on the sample label and the chain-of-custody. The samples were placed in a cooler with ice and transported via courier to Eurofins Calscience, a state-certified laboratory.

On completion of sampling, each boring was backfilled with granular bentonite hydrated with water generated from decontamination of the drilling and sampling equipment between boring locations.

4.4. Soil Sample Analysis

The undocumented fill soil samples were analyzed for TPH by the United States Environmental Protection Agency (EPA) method 8015B, VOCs by EPA method 8260B, SVOCs by EPA method 8270C, metals by EPA method 6010B, PCBs by EPA method 8082, and pesticides by EPA method 8081A. The sample collected from SB4 at 12 feet bgs was analyzed for metals by EPA method 6010B to evaluate the potential presence of burned waste.

Alluvium soils collected from beneath the fill were analyzed for pesticides by EPA method 8081 to evaluate the potential for residual concentrations from former agricultural use at the Site.

4.5. Decontamination

Most of the drilling and sampling equipment (disposable plastic bags, soil sample jars and vials, acetate sleeves, nitrile gloves) were disposed of after single use. All other equipment was decontaminated before and after each use using a three-stage method where stage 1 was phosphate-free soapy water, stage 2 was potable water rinse, and stage 3 was a distilled water rinse.

5. SOIL SAMPLE ANALYTICAL RESULTS

The following sections discuss the analytical results of soil samples collected from the undocumented fill and from the underlying alluvium. Analytical results are summarized in Tables 1 through 3 and the laboratory analytical report is provided in Appendix A. Detected concentrations of chemicals were compared to San Francisco Bay Regional Water Quality Control Board (RWQCB) Tier 1 environmental screening levels (ESLs). Tier 1 ESLs represent concentrations protective of multiple receptors in multiple land use scenarios (Add reference). Those chemicals with concentrations exceeding the Tier 1 ESLs were compared to ESLs for direct exposure to human health and are discussed in Section 6.

5.1. Undocumented Fill

Concentrations of pesticides, VOCs, TPH, and metals were detected in soil samples collected from all of the five borings. Concentrations of PCBs and SVOCs were not detected in soil samples collected from the fill soil. Detected chemicals are discussed below.

5.1.1. Metals

The majority of metals analyzed were detected above the laboratory detection limits; however, arsenic with a maximum concentration of 8.81 mg/kg) and vanadium (with a maximum concentration of 42.7 mg/kg) were the only metals with concentrations exceeding the RWQCB's Tier 1 ESLs.

The maximum concentration of arsenic exceeds the most-protective human health screening level. However, because arsenic is naturally occurring and is commonly found in geologic formations (soil and rock) at concentrations above screening levels, background values are a more appropriate comparison than risk-based screening values. Arsenic concentrations did not exceed the Department of Toxic Substances Control's (DTSC) recommended screening concentration of 12.0 mg/kg for background levels of arsenic based on the statistical upper bound limit for arsenic concentrations in southern California school sites (DTSC, 2008).

The maximum concentration of vanadium exceeds ecological screening levels but not human health screening levels.

The soil sample collected from SB4 at 12 feet bgs was also analyzed for metals (only) and although arsenic was detected above the most-protective human health screening level, the results are below background concentrations of arsenic discussed above.

5.1.2. Volatile Organic Compounds

Although multiple VOCs were detected above the laboratory detection limits, none were detected above the RWQCB's Tier 1 ESLs.

5.1.3. Pesticides

Pesticides were detected above the laboratory detection limit; however, chlordane (at a maximum concentration of 93 µg/kg) and dieldrin (at a maximum concentration of 1.1 µg/kg) were the only pesticides with concentrations exceeding the RWQCB's Tier 1 ESLs. The concentrations exceeded the most-protective ecological screening levels but did not exceed the most-protective human health screening levels.

5.1.4. Total Petroleum Hydrocarbons

TPH was detected above the laboratory detection limit but not above the RWQCB's Tier 1 ESLs.

5.2. Alluvium

Discrete samples collected from beneath the fill soil were analyzed for organochlorine pesticides (OCPs). Only 4,4 DDD (at a maximum concentration of 2.6 µg/kg) and 4,4 DDE (at a maximum concentration of 4.4 µg/kg) were detected above the laboratory detection limits; however, both were below the Tier 1 ESLs.

6. CONCLUSIONS AND RECOMMENDATIONS

While the results of this Phase II ESA, are generally considered representative of the Site soil conditions, the possibility of encountering soil contamination cannot be entirely discounted. For this reason, it is recommended that the contractor performing any subsurface work should be alert for evidence of soil contamination (staining, odor, debris) and if soil contamination is observed, should stop work until sampling and analysis can determine the course of action.

Conclusions and recommendations based on the results of the Phase II ESA are discussed below.

6.1. Undocumented Fill

Based on the detected concentrations of metals, VOCs, and OCPs below the Tier 1 ESLs and human health screening levels, the undocumented fill does not require special handling if reused on Site.

However, because there are metals and OCPs present at concentrations exceeding the Tier 1 ESLs, there are additional considerations for off-site use of the undocumented fill. The soil may be disposed off-Site at a landfill permitted to receive the waste. Alternately, the undocumented fill may be reused off-Site under regulatory oversight by the County of San Diego Department of Environmental Health Voluntary Assistance Program or the San Diego Regional Water Quality Control Board (SDRWQCB) under Order No. R9-2014-0041, Conditional Waivers of Waste Discharges in the San Diego Region, Waiver 10 (Waiver 10; SDRWQCB, 2014).

6.2. Underlying Alluvium

Concentrations of OCPs in the underlying alluvium were below RWQCB's Tier 1 ESLs and the soil does not require restrictions or special handling.

7. LIMITATIONS

This report was prepared in general accordance with current regulatory guidelines and the standard-of-care exercised by environmental consultants preparing similar documents in the project area. No warranty, expressed or implied, is made regarding the professional opinions presented in this document. Variations in Site conditions will exist, and conditions not observed or described in this document could be encountered during subsequent activities and Site work. Please also note that this document did not include an evaluation of geotechnical conditions or potential geologic hazards.

The conclusions, opinions, and recommendations regarding environmental conditions, as presented in this document, are based on an analysis of observed Site conditions and the referenced sources. Further assessment of environmental conditions at the Site may be accomplished by a more comprehensive assessment.

It should be understood that the conditions of a Site will change with time as a result of natural processes and the activities of man at the subject Site or nearby Sites. In addition, changes to the applicable laws, regulations, codes, and standards of practice may occur due to government action or the broadening of knowledge. The findings of this document may, therefore, be invalidated over time, in part or in whole, by changes over which the author has no control.

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

Data presented in this report should not be relied on for bidding purposes. This document is intended exclusively for use by the client. Any use or reuse of the findings, conclusions, and/or recommendations of this document by parties other than the client is undertaken at said parties' sole risk.

8. REFERENCES

The Bodhi Group, Inc., 2020, Phase I Environmental Site Assessment APN 381-050-69-00: dated April 7.

California Department of Toxic Substances Control, 2008, Interim Guidance of Sampling Agricultural Properties (Third Revision): dated August 7.

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Todd, V.R., 2004, "Preliminary Geologic Map of the El Cajon 30' X 60' Quadrangle, Southern California, Version 1.0," USGS Open File Report 2004-1361

San Diego Geographic Information Systems (SANGIS), 2015, County of San Diego Tax Assessors Parcels and Other Shapefiles http://www.sangis.org/.

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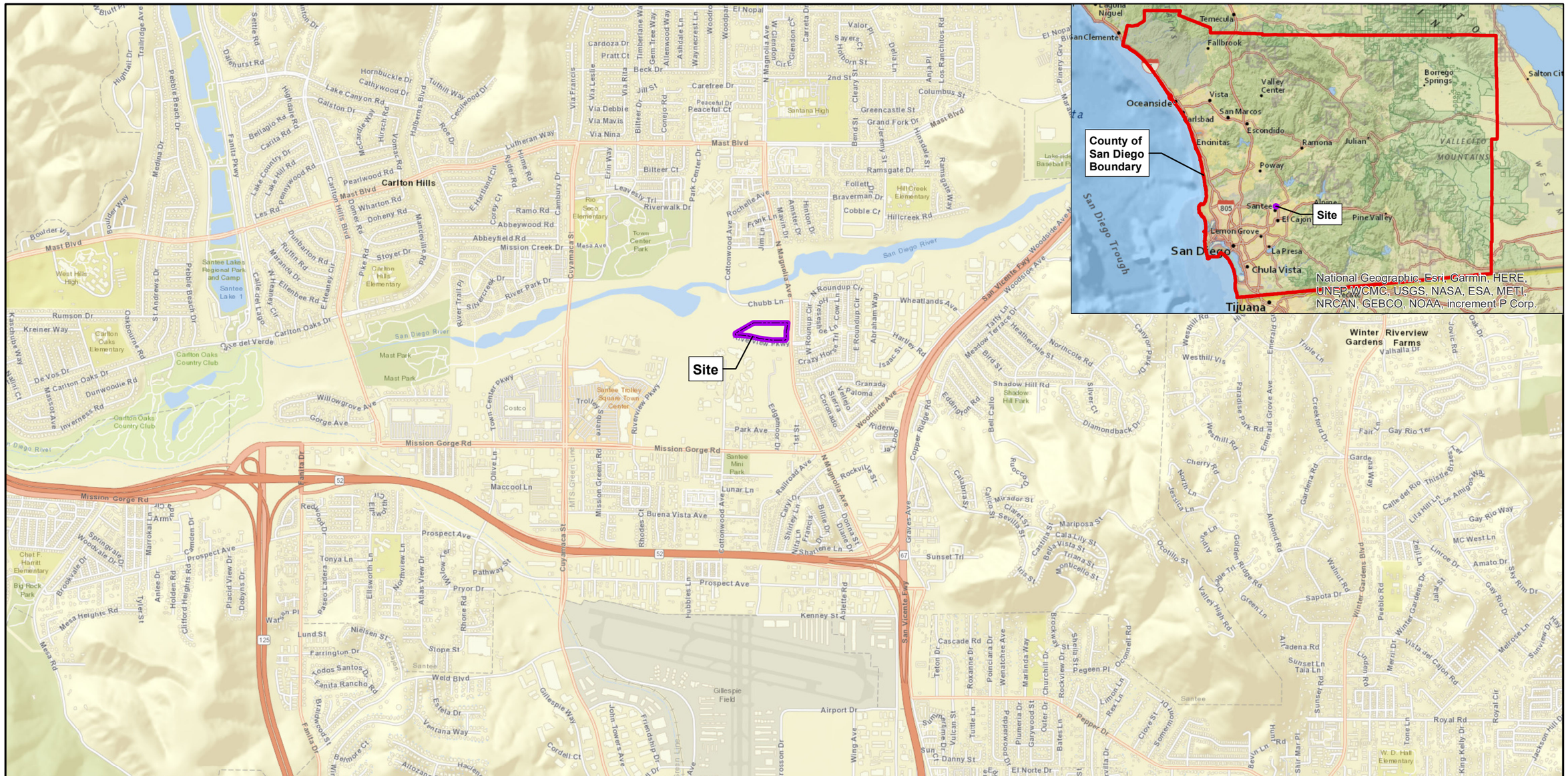
Figures



Legend

Site

N
W E
S

0 1,000 2,000 Feet

Project No. 9140002

Date: 07/2020

Drawn By: SG

Site Location Map

South County Animal Shelter Santee, California

Figure 1

Legend

- Soil Boring
- Assessor's Parcel Number (APN) 381-050-69-00
- Site

N W E S

0 100 200 Feet

Project No. 9140002

Date: 07/2020

Drawn By: SG

Boring Location Map

San Diego County
Animal Shelter
Santee, California

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INNOVATING | SUSTAINING | SOLVING

Figure 2

Tables

Table 1
Metals

Boring ID	Sample ID	Sample Depth (feet bgs)	Metals (EPA 6010B/7471A)														
			Antimony	Arsenic	Barium	Beryllium	Cadmium	Chromium	Cobalt	Copper	Lead	Molybdenum	Nickel	Thallium	Selenium	Vanadium	Zinc
			mg/kg														
RWQCB ESL (Tier 1)			11	0.067	390	5	1.9	160	23	180	32	6.9	86	0.78	2.4	18	340
Human Health Screening			11	0.067	3,000	16	51	NA	23	3,100	80	390	86	0.78	390	390	23,000
SB1	SB-1-2.5-5.5	2.5-5.5	0.605 J	**0.748 J**	110	0.322	0.207 J	11.1	4.69	5.76	0.584	ND	3.38	ND	0.485 J	**30.3**	18.3
SB2	SB-2-5.0-8.0	5-8	0.761 J	**0.835**	54.9	0.353	ND	9.22	5.06	4.05	0.936	ND	3.71	ND	ND	**28.2**	13.2
SB3	SB-3-3.0-7.0	3-7	0.544 J	**1.34**	39.2	0.326	ND	8.28	4.14	3.66	1.84	ND	3.43	ND	ND	**23.9**	12.6
SB4	SB-4-3.0-6.0	3-6	--	--	--	--	--	--	--	--	1.13	--	--	--	--	--	--
	SB-4-12.0	12.0	ND	**8.81**	50.0	0.477	0.190 J	8.49	4.98	5.70	6.52	0.200 J	4.92	ND	ND	**27.1**	34.2
SB5	SB-5-3.0-7.0	3-7	0.482 J	**1.47**	104	0.477	0.315 J	14.4	8.31	9.46	0.901	ND	5.55	0.337 J	ND	**42.4**	24.6

Notes:
bgs = below ground surface
mg/kg = milligrams per kilogram
ND = not detected above respective laboratory detection limit
-- = not analyzed
Bold = indicates detected analyte exceeds Tier 1 ESL.
J = indicates an approximate value
RWQCB = San Francisco Bay Regional Water Quality Control Board
ESL = environmental screening levels

Table 2
VOCs and TPH

Boring ID	Sample ID	Sample Depth (feet bgs)	VOCs (EPA 8260B)					TPH (EPA 8015B)
			Acetone	Benzene	Chloroform	Total Xylenes	Ethylbenzene	C6-C44
			µg/kg					mg/kg
RWQCB ESL (Tier 1)			920	25	23	2,100	430	100
Human Health Screening			61,000,000	330	320	580,000	5,900	260
SB1	SB-1-2.5-5.5	2.5-5.5	24 J	0.21 J	0.40 JB	ND	ND	4.4 J
SB2	SB-2-5.0-8.0	5-8	36 J	ND	0.31 JB	ND	ND	7.2
SB3	SB-3-3.0-7.0	3-7	23 J	ND	0.23 JB	10.8	1.7	5.9
SB4	SB-4-3.0-6.0	3-6	23 J	ND	0.32 JB	ND	ND	4.7
SB5	SB-5-3.0-7.0	3-7	26 J	ND	ND	ND	ND	6.5

Notes:
bgs = below ground surface
mg/kg = milligrams per kilogram
µg/kg = micrograms per kilogram
ND = not detected above respective laboratory detection limit
TPH = total petroleum hydrocarbons
VOCs = volatile organic compounds
J = indicates an approximate value
RWQCB = San Francisco Bay Regional Water Quality Control Board
ESL = environmental screening levels

Table 3
Pesticides

Boring ID	Sample ID	Sample Depth (feet bgs)	Pesticides (EPA 8081A)						
			Chlordane	alpha-chlordane	gamma-chlordane	Dieldrin	Heptachlor	4,4 DDE	4,4 DDD
			µg/kg						
RWQCB ESL (Tier 1)			8.5	NA	NA	0.46	120	330	2,700
Human Health Screening			480	NA	NA	37	120	1,800	2,700
SB1	SB-1-2.5-5.5	2.5-5.5	ND	0.64 J	ND	ND	ND	ND	ND
	SB-1-15.0-15.5	15	ND	ND	ND	ND	ND	ND	ND
SB2	SB-2-5.0-8.0	5-8	**93**	13	5.4	**0.94 J**	ND	3.3 J	ND
	SB-2-13.5-14.0	13.5-14	ND	ND	ND	ND	ND	4.4 J	ND
SB3	SB-3-3.0-7.0	3-7	**89**	ND	23	**0.65 J**	0.56 J	ND	ND
	SB-3-14-14.5	14-14.5	ND	ND	ND	ND	ND	0.68 J	2.6 J
SB4	SB-4-3.0-6.0	3-6	ND	ND	ND	ND	ND	2.1 J	ND
	SB-4-14.5-15.0	14.5-15	ND	ND	ND	ND	ND	1.8 J	ND
SB5	SB-5-3.0-7.0	3-7	**47**	8	11	**1.1**	ND	ND	ND
	SB-5-13.5-14.0	13.5-14	ND	ND	ND	ND	ND	2.1 J	ND

Notes:
bgs = below ground surface
µg/kg = micrograms per kilogram
NA = not applicable, screening level does not exist
ND = not detected above respective laboratory detection limit
-- = not analyzed
J = indicates an approximate value
Bold = indicates detected analyte exceeds Tier 1 ESL.
RWQCB = San Francisco Bay Regional Water Quality Control Board
ESL = environmental screening levels

Appendix A

eurofins | Environment Testing America

ANALYTICAL REPORT

Eurofins Calscience LLC
7440 Lincoln Way
Garden Grove, CA 92841
Tel: (714)895-5494

Laboratory Job ID: 570-31117-1
Client Project/Site: SCAS Santee

For:
Bodhi Group Inc The
1076 broadway
Suite B
El Cajon, California 92021

Attn: Sree Gopinath

Authorized for release by:
6/30/2020 11:48:18 PM

Terri Chang, Project Manager I
(714)895-5494
terrichang@eurofinsus.com

LINKS

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The test results in this report meet all 2003 NELAC, 2009 TNI, and 2016 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

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Qualifiers

GC/MS VOA

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.

GC/MS Semi VOA

Qualifier	Qualifier Description
*1	LCS/LCSD RPD exceeds control limits.

GC Semi VOA

Qualifier	Qualifier Description
E	Result exceeded calibration range.
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD 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.
p	The %RPD between the primary and confirmation column/detector is >40%. The lower value has been reported.
X	Surrogate recovery exceeds control limits

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.
L	A negative instrument reading had an absolute value greater than the reporting limit

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

Glossary (Continued)

Abbreviation	These commonly used abbreviations may or may not be present in this report.
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Job ID: 570-31117-1

Laboratory: Eurofins Calscience LLC

Narrative

Job Narrative
570-31117-1

Comments
No additional comments.

Receipt
The samples were received on 6/16/2020 6:00 PM; the samples arrived in good condition, and where required, properly preserved and on ice. The temperature of the cooler at receipt was 3.2º C.

GC/MS VOA
Method 8260B: The initial calibration curve analyzed in batch 570-76117 was outside method criteria for the following analyte(s): Bromomethane. As indicated in the reference method, sample analysis may proceed; however, any detection or non-detection for the affected analyte(s) is considered an estimated concentration.

Method 8260B: Insufficient sample volume was available to perform a matrix spike/matrix spike duplicate (MS/MSD) associated with analytical batch 570-76117. LCS/LCSD was performed to meet QC requirement.

Method 8260B: The method blank for analytical batch 570-76117 contained Chloroform above the method detection limit. This target analyte concentration was less than the reporting limit (RL); therefore, re-extraction and/or re-analysis of samples was not performed.

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

GC/MS Semi VOA
Method 8270C: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-76553 and analytical batch 570-76959 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8270C: The RPD of the laboratory control sample (LCS) and laboratory control sample duplicate (LCSD) for preparation batch 570-76553 and analytical batch 570-76959 recovered outside control limits for the following analytes: Benzo[b]fluoranthene and Benzo[a]pyrene.

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

GC Semi VOA
Method 8015B: The native sample, matrix spike, and matrix spike duplicate (MS/MSD) associated with preparation batch 570-78068 and analytical batch 570-77990 were performed at the same dilution. Due to the additional level of analyte present in the spiked samples, the concentration of Diesel Range Organics [C10-C28] in the MS/MSD was above the instrument calibration range. The data have been reported and qualified.

Method 8081A: Surrogate recovery for the following sample was outside the upper control limit: SB-4-14.5-15.0 (570-31117-6). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

Method 8081A: The closing continuing calibration verification (CCV) associated with <570-77052 recovered high and outside the control limits for 4,4'-DDD, 4,4'-DDT, Endosulfan sulfate, Endrin ketone, Methoxychlor and DCB Decachlorobiphenyl (Surr) on one column. Results are confirmed on both columns and reported from the passing column.

Method 8081A: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-76533 and analytical batch 570-77052 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

Metals
Method 6010B: The absolute response for Selenium was greater than the method reporting limit (RL) in the following samples:

Job ID: 570-31117-1 (Continued)

Laboratory: Eurofins Calscience LLC (Continued)

SB-3-3.0-7.0 (570-31117-1), SB-5-3.0-7.0 (570-31117-3) and SB-2-5.0-8.0 (570-31117-7).
The instrument raw data has been manually reviewed and the result can be reported as ND.

Method 6010B: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 570-78386 and analytical batch 570-78518 were outside control limits. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

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

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

VOA Prep
Method 5035: The following samples were received in pre-weighed containers with a label that was added in the field, which would cause a slight low bias in the final results. SB-3-3.0-7.0 (570-31117-1), SB-5-3.0-7.0 (570-31117-3), SB-4-3.0-6.0 (570-31117-5), SB-2-5.0-8.0 (570-31117-7) and SB-1-2.5-5.5 (570-31117-9). Vial C & D

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

Detection Summary

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

Client Sample ID: SB-3-3.0-7.0 — Lab Sample ID: 570-31117-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	23	J	48	6.0	ug/Kg	1	☼	8260B	Total/NA
Chloroform	0.23	J B	0.95	0.23	ug/Kg	1	☼	8260B	Total/NA
Ethylbenzene	1.7		0.95	0.14	ug/Kg	1	☼	8260B	Total/NA
o-Xylene	2.6		0.95	0.53	ug/Kg	1	☼	8260B	Total/NA
m,p-Xylene	8.2		1.9	0.26	ug/Kg	1	☼	8260B	Total/NA
C6-C44	5.9		5.3	3.8	mg/Kg	1	☼	8015B	Total/NA
Chlordane	89		27	3.7	ug/Kg	1	☼	8081A	Total/NA
Dieldrin	0.65	J p	1.1	0.39	ug/Kg	1	☼	8081A	Total/NA
gamma-Chlordane	23		5.4	1.7	ug/Kg	1	☼	8081A	Total/NA
Heptachlor	0.56	J	5.4	0.38	ug/Kg	1	☼	8081A	Total/NA
Antimony	0.544	J B	0.811	0.161	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.34		0.811	0.280	mg/Kg	1	☼	6010B	Total/NA
Barium	39.2		0.540	0.166	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.326		0.270	0.148	mg/Kg	1	☼	6010B	Total/NA
Chromium	8.28		0.270	0.153	mg/Kg	1	☼	6010B	Total/NA
Cobalt	4.14		0.270	0.160	mg/Kg	1	☼	6010B	Total/NA
Copper	3.66		0.540	0.146	mg/Kg	1	☼	6010B	Total/NA
Lead	1.84		0.540	0.143	mg/Kg	1	☼	6010B	Total/NA
Nickel	3.43		0.270	0.157	mg/Kg	1	☼	6010B	Total/NA
Vanadium	23.9		0.270	0.152	mg/Kg	1	☼	6010B	Total/NA
Zinc	12.6		1.08	0.192	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-3-14.0-14.5 — Lab Sample ID: 570-31117-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDD	0.68	J p	5.3	0.56	ug/Kg	1	☼	8081A	Total/NA
4,4'-DDE	2.6	J p	5.3	0.77	ug/Kg	1	☼	8081A	Total/NA

Client Sample ID: SB-5-3.0-7.0 — Lab Sample ID: 570-31117-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	26	J	64	7.9	ug/Kg	1	☼	8260B	Total/NA
C6-C44	6.5		5.4	3.9	mg/Kg	1	☼	8015B	Total/NA
alpha-Chlordane	8.4	p	1.1	0.36	ug/Kg	1	☼	8081A	Total/NA
Chlordane	47		27	3.8	ug/Kg	1	☼	8081A	Total/NA
Dieldrin	1.1		1.1	0.40	ug/Kg	1	☼	8081A	Total/NA
gamma-Chlordane	11		5.5	1.8	ug/Kg	1	☼	8081A	Total/NA
Antimony	0.482	J B	0.852	0.169	mg/Kg	1	☼	6010B	Total/NA
Arsenic	1.47		0.852	0.294	mg/Kg	1	☼	6010B	Total/NA
Barium	104		0.568	0.175	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.477		0.284	0.156	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.315	J	0.568	0.153	mg/Kg	1	☼	6010B	Total/NA
Chromium	14.4		0.284	0.161	mg/Kg	1	☼	6010B	Total/NA
Cobalt	8.31		0.284	0.168	mg/Kg	1	☼	6010B	Total/NA
Copper	9.46		0.568	0.153	mg/Kg	1	☼	6010B	Total/NA
Lead	0.901		0.568	0.150	mg/Kg	1	☼	6010B	Total/NA
Nickel	5.55		0.284	0.165	mg/Kg	1	☼	6010B	Total/NA
Thallium	0.337	J	0.852	0.173	mg/Kg	1	☼	6010B	Total/NA
Vanadium	42.4		0.284	0.160	mg/Kg	1	☼	6010B	Total/NA
Zinc	24.6		1.14	0.202	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Detection Summary

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

Client Sample ID: SB-5-13.5-14.0 — Lab Sample ID: 570-31117-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	2.1	J p	5.5	0.79	ug/Kg	1	☼	8081A	Total/NA

Client Sample ID: SB-4-3.0-6.0 — Lab Sample ID: 570-31117-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	23	J	65	8.1	ug/Kg	1	☼	8260B	Total/NA
Chloroform	0.32	J B	1.3	0.31	ug/Kg	1	☼	8260B	Total/NA
C6-C44	4.7	J	5.4	3.8	mg/Kg	1	☼	8015B	Total/NA
4,4'-DDE	2.1	J	5.3	0.77	ug/Kg	1	☼	8081A	Total/NA
Lead	1.13		0.564	0.149	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-4-14.5-15.0 — Lab Sample ID: 570-31117-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	1.8	J p	5.4	0.78	ug/Kg	1	☼	8081A	Total/NA

Client Sample ID: SB-2-5.0-8.0 — Lab Sample ID: 570-31117-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	36	J	53	6.6	ug/Kg	1	☼	8260B	Total/NA
Chloroform	0.31	J B	1.1	0.25	ug/Kg	1	☼	8260B	Total/NA
C6-C44	7.2		5.5	3.9	mg/Kg	1	☼	8015B	Total/NA
4,4'-DDE	3.3	J p	5.4	0.78	ug/Kg	1	☼	8081A	Total/NA
alpha-Chlordane	13	p	1.1	0.36	ug/Kg	1	☼	8081A	Total/NA
Chlordane	93		27	3.8	ug/Kg	1	☼	8081A	Total/NA
Dieldrin	0.94	J p	1.1	0.39	ug/Kg	1	☼	8081A	Total/NA
gamma-Chlordane	5.4	p	5.4	1.8	ug/Kg	1	☼	8081A	Total/NA
Antimony	0.761	J B	0.833	0.166	mg/Kg	1	☼	6010B	Total/NA
Arsenic	0.835		0.833	0.288	mg/Kg	1	☼	6010B	Total/NA
Barium	54.9		0.556	0.171	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.353		0.278	0.152	mg/Kg	1	☼	6010B	Total/NA
Chromium	9.22		0.278	0.158	mg/Kg	1	☼	6010B	Total/NA
Cobalt	5.06		0.278	0.164	mg/Kg	1	☼	6010B	Total/NA
Copper	4.05		0.556	0.150	mg/Kg	1	☼	6010B	Total/NA
Lead	0.936		0.556	0.147	mg/Kg	1	☼	6010B	Total/NA
Nickel	3.71		0.278	0.161	mg/Kg	1	☼	6010B	Total/NA
Vanadium	28.2		0.278	0.157	mg/Kg	1	☼	6010B	Total/NA
Zinc	13.2		1.11	0.198	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-2-13.5-14.0 — Lab Sample ID: 570-31117-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
4,4'-DDE	4.4	J p	5.3	0.77	ug/Kg	1	☼	8081A	Total/NA

Client Sample ID: SB-1-2.5-5.5 — Lab Sample ID: 570-31117-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	24	J	68	8.5	ug/Kg	1	☼	8260B	Total/NA
Benzene	0.21	J	1.4	0.18	ug/Kg	1	☼	8260B	Total/NA
Chloroform	0.40	J B	1.4	0.33	ug/Kg	1	☼	8260B	Total/NA
C6-C44	4.4	J	5.3	3.8	mg/Kg	1	☼	8015B	Total/NA
alpha-Chlordane	0.64	J p	1.1	0.36	ug/Kg	1	☼	8081A	Total/NA
Antimony	0.605	J B	0.846	0.168	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Client Sample ID: SB-1-2.5-5.5 (Continued) — Lab Sample ID: 570-31117-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	0.748	J	0.846	0.292	mg/Kg	1	☼	6010B	Total/NA
Barium	110		0.564	0.174	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.322		0.282	0.154	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.207	J	0.564	0.152	mg/Kg	1	☼	6010B	Total/NA
Chromium	11.1		0.282	0.160	mg/Kg	1	☼	6010B	Total/NA
Cobalt	4.69		0.282	0.167	mg/Kg	1	☼	6010B	Total/NA
Copper	5.76		0.564	0.152	mg/Kg	1	☼	6010B	Total/NA
Lead	0.584		0.564	0.149	mg/Kg	1	☼	6010B	Total/NA
Nickel	3.38		0.282	0.164	mg/Kg	1	☼	6010B	Total/NA
Selenium	0.485	J	0.846	0.338	mg/Kg	1	☼	6010B	Total/NA
Vanadium	30.3		0.282	0.159	mg/Kg	1	☼	6010B	Total/NA
Zinc	18.3		1.13	0.201	mg/Kg	1	☼	6010B	Total/NA

Client Sample ID: SB-1-15.0-15.5 — Lab Sample ID: 570-31117-10

No Detections.

Client Sample ID: SB-4-12.0 — Lab Sample ID: 570-31117-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Arsenic	8.81		0.860	0.297	mg/Kg	1	☼	6010B	Total/NA
Barium	50.0		0.574	0.177	mg/Kg	1	☼	6010B	Total/NA
Beryllium	0.477		0.287	0.157	mg/Kg	1	☼	6010B	Total/NA
Cadmium	0.190	J	0.574	0.155	mg/Kg	1	☼	6010B	Total/NA
Chromium	8.49		0.287	0.163	mg/Kg	1	☼	6010B	Total/NA
Cobalt	4.98		0.287	0.170	mg/Kg	1	☼	6010B	Total/NA
Copper	5.70		0.574	0.155	mg/Kg	1	☼	6010B	Total/NA
Lead	6.52		0.574	0.151	mg/Kg	1	☼	6010B	Total/NA
Molybdenum	0.200	J	0.287	0.151	mg/Kg	1	☼	6010B	Total/NA
Nickel	4.92		0.287	0.166	mg/Kg	1	☼	6010B	Total/NA
Vanadium	27.1		0.287	0.162	mg/Kg	1	☼	6010B	Total/NA
Zinc	34.2		1.15	0.204	mg/Kg	1	☼	6010B	Total/NA

This Detection Summary does not include radiochemical test results.

Method: 8260B - Volatile Organic Compounds (GC/MS)

Client Sample ID: SB-3-3.0-7.0
Date Collected: 06/16/20 08:55
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.95	0.23	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,1,1-Trichloroethane	ND		0.95	0.21	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,1,2,2-Tetrachloroethane	ND		1.9	0.33	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.5	0.34	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,1,2-Trichloroethane	ND		0.95	0.34	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,1-Dichloroethane	ND		0.95	0.20	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,1-Dichloroethene	ND		0.95	0.33	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,1-Dichloropropene	ND		1.9	0.31	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,2,3-Trichlorobenzene	ND		1.9	0.87	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,2,3-Trichloropropane	ND		1.9	0.79	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,2,4-Trichlorobenzene	ND		1.9	0.30	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,2,4-Trimethylbenzene	ND		1.9	0.56	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,2-Dibromo-3-Chloropropane	ND		9.5	1.7	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,2-Dibromoethane	ND		0.95	0.24	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,2-Dichlorobenzene	ND		0.95	0.22	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,2-Dichloroethane	ND		0.95	0.30	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,2-Dichloropropane	ND		0.95	0.42	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,3,5-Trimethylbenzene	ND		1.9	0.52	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,3-Dichlorobenzene	ND		0.95	0.17	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,3-Dichloropropane	ND		0.95	0.24	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
1,4-Dichlorobenzene	ND		0.95	0.21	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
2,2-Dichloropropane	ND		4.8	0.32	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
2-Butanone	ND		19	3.6	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
2-Chlorotoluene	ND		0.95	0.22	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
2-Hexanone	ND		19	1.7	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
4-Chlorotoluene	ND		0.95	0.20	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
4-Methyl-2-pentanone	ND		19	4.1	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Acetone	**23**	**J**	48	6.0	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Benzene	ND		0.95	0.12	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Bromobenzene	ND		0.95	0.20	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Bromochloromethane	ND		1.9	0.66	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Bromodichloromethane	ND		0.95	0.22	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Bromoform	ND		4.8	0.76	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Bromomethane	ND		19	9.0	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
cis-1,2-Dichloroethene	ND		0.95	0.27	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
cis-1,3-Dichloropropene	ND		0.95	0.24	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Carbon disulfide	ND		9.5	0.29	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Carbon tetrachloride	ND		0.95	0.27	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Chlorobenzene	ND		0.95	0.21	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Chloroethane	ND		1.9	1.4	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Chloroform	**0.23**	**J B**	0.95	0.23	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Chloromethane	ND		19	0.29	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Dibromochloromethane	ND		1.9	0.54	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Dibromomethane	ND		0.95	0.74	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Dichlorodifluoromethane	ND		1.9	0.42	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Di-isopropyl ether (DIPE)	ND		0.95	0.46	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Ethanol	ND		480	80	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Ethylbenzene	**1.7**		0.95	0.14	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Ethyl-t-butyl ether (ETBE)	ND		0.95	0.48	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1

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

Client Sample ID: SB-3-3.0-7.0 — **Lab Sample ID: 570-31117-1**
Date Collected: 06/16/20 08:55 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Isopropylbenzene	ND		0.95	0.52	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Methylene Chloride	ND		9.5	1.3	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Methyl-t-Butyl Ether (MTBE)	ND		1.9	0.28	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Naphthalene	ND		9.5	0.78	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
n-Butylbenzene	ND		0.95	0.15	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
N-Propylbenzene	ND		1.9	0.48	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
o-Xylene	**2.6**		0.95	0.53	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
m,p-Xylene	**8.2**		1.9	0.26	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
p-Isopropyltoluene	ND		0.95	0.60	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
sec-Butylbenzene	ND		0.95	0.55	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Styrene	ND		0.95	0.58	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
trans-1,2-Dichloroethene	ND		0.95	0.48	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
trans-1,3-Dichloropropene	ND		1.9	0.58	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Tert-amyl-methyl ether (TAME)	ND		0.95	0.34	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
tert-Butyl alcohol (TBA)	ND		19	4.9	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
tert-Butylbenzene	ND		0.95	0.14	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Tetrachloroethene	ND		0.95	0.20	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Toluene	ND		0.95	0.49	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Trichloroethene	ND		1.9	0.29	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Trichlorofluoromethane	ND		9.5	0.36	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Vinyl acetate	ND		9.5	4.5	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1
Vinyl chloride	ND		0.95	0.48	ug/Kg	☼	06/17/20 14:50	06/18/20 00:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*71 - 155*	*06/17/20 14:50*	*06/18/20 00:21*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*	*06/17/20 14:50*	*06/18/20 00:21*	*1*
Dibromofluoromethane (Surr)	*109*		*79 - 133*	*06/17/20 14:50*	*06/18/20 00:21*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*	*06/17/20 14:50*	*06/18/20 00:21*	*1*

Client Sample ID: SB-5-3.0-7.0 — **Lab Sample ID: 570-31117-3**
Date Collected: 06/16/20 09:40 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.3	0.31	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,1,1-Trichloroethane	ND		1.3	0.29	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,1,2,2-Tetrachloroethane	ND		2.5	0.44	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		13	0.45	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,1,2-Trichloroethane	ND		1.3	0.45	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,1-Dichloroethane	ND		1.3	0.27	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,1-Dichloroethene	ND		1.3	0.44	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,1-Dichloropropene	ND		2.5	0.42	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,2,3-Trichlorobenzene	ND		2.5	1.2	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,2,3-Trichloropropane	ND		2.5	1.1	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,2,4-Trichlorobenzene	ND		2.5	0.40	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,2,4-Trimethylbenzene	ND		2.5	0.75	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,2-Dibromo-3-Chloropropane	ND		13	2.2	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,2-Dibromoethane	ND		1.3	0.33	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,2-Dichlorobenzene	ND		1.3	0.29	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,2-Dichloroethane	ND		1.3	0.40	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,2-Dichloropropane	ND		1.3	0.56	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1

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

Client Sample ID: SB-5-3.0-7.0
Date Collected: 06/16/20 09:40
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3,5-Trimethylbenzene	ND		2.5	0.70	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,3-Dichlorobenzene	ND		1.3	0.22	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,3-Dichloropropane	ND		1.3	0.32	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
1,4-Dichlorobenzene	ND		1.3	0.28	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
2,2-Dichloropropane	ND		6.4	0.42	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
2-Butanone	ND		25	4.8	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
2-Chlorotoluene	ND		1.3	0.29	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
2-Hexanone	ND		25	2.2	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
4-Chlorotoluene	ND		1.3	0.27	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
4-Methyl-2-pentanone	ND		25	5.5	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Acetone	**26**	**J**	64	7.9	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Benzene	ND		1.3	0.17	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Bromobenzene	ND		1.3	0.27	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Bromochloromethane	ND		2.5	0.88	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Bromodichloromethane	ND		1.3	0.30	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Bromoform	ND		6.4	1.0	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Bromomethane	ND		25	12	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
cis-1,2-Dichloroethene	ND		1.3	0.36	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
cis-1,3-Dichloropropene	ND		1.3	0.32	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Carbon disulfide	ND		13	0.39	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Carbon tetrachloride	ND		1.3	0.36	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Chlorobenzene	ND		1.3	0.29	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Chloroethane	ND		2.5	1.9	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Chloroform	ND		1.3	0.30	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Chloromethane	ND		25	0.39	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Dibromochloromethane	ND		2.5	0.73	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Dibromomethane	ND		1.3	0.99	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Dichlorodifluoromethane	ND		2.5	0.56	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Di-isopropyl ether (DIPE)	ND		1.3	0.61	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Ethanol	ND		640	110	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Ethylbenzene	ND		1.3	0.19	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Ethyl-t-butyl ether (ETBE)	ND		1.3	0.65	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Isopropylbenzene	ND		1.3	0.70	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Methylene Chloride	ND		13	1.7	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Methyl-t-Butyl Ether (MTBE)	ND		2.5	0.38	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Naphthalene	ND		13	1.0	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
n-Butylbenzene	ND		1.3	0.20	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
N-Propylbenzene	ND		2.5	0.64	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
o-Xylene	ND		1.3	0.71	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
m,p-Xylene	ND		2.5	0.34	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
p-Isopropyltoluene	ND		1.3	0.80	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
sec-Butylbenzene	ND		1.3	0.74	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Styrene	ND		1.3	0.77	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
trans-1,2-Dichloroethene	ND		1.3	0.64	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
trans-1,3-Dichloropropene	ND		2.5	0.77	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Tert-amyl-methyl ether (TAME)	ND		1.3	0.45	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
tert-Butyl alcohol (TBA)	ND		25	6.6	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
tert-Butylbenzene	ND		1.3	0.19	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Tetrachloroethene	ND		1.3	0.27	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1

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

Client Sample ID: SB-5-3.0-7.0
Date Collected: 06/16/20 09:40
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Toluene	ND		1.3	0.66	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Trichloroethene	ND		2.5	0.38	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Trichlorofluoromethane	ND		13	0.48	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Vinyl acetate	ND		13	6.0	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1
Vinyl chloride	ND		1.3	0.64	ug/Kg	☼	06/17/20 14:50	06/18/20 00:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*124*		*71 - 155*	*06/17/20 14:50*	*06/18/20 00:47*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*	*06/17/20 14:50*	*06/18/20 00:47*	*1*
Dibromofluoromethane (Surr)	*111*		*79 - 133*	*06/17/20 14:50*	*06/18/20 00:47*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*06/17/20 14:50*	*06/18/20 00:47*	*1*

Client Sample ID: SB-4-3.0-6.0
Date Collected: 06/16/20 10:25
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.3	0.31	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,1,1-Trichloroethane	ND		1.3	0.29	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,1,2,2-Tetrachloroethane	ND		2.6	0.45	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		13	0.46	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,1,2-Trichloroethane	ND		1.3	0.46	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,1-Dichloroethane	ND		1.3	0.28	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,1-Dichloroethene	ND		1.3	0.45	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,1-Dichloropropene	ND		2.6	0.43	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,2,3-Trichlorobenzene	ND		2.6	1.2	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,2,3-Trichloropropane	ND		2.6	1.1	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,2,4-Trichlorobenzene	ND		2.6	0.40	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,2,4-Trimethylbenzene	ND		2.6	0.76	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,2-Dibromo-3-Chloropropane	ND		13	2.3	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,2-Dibromoethane	ND		1.3	0.33	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,2-Dichlorobenzene	ND		1.3	0.30	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,2-Dichloroethane	ND		1.3	0.41	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,2-Dichloropropane	ND		1.3	0.57	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,3,5-Trimethylbenzene	ND		2.6	0.71	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,3-Dichlorobenzene	ND		1.3	0.23	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,3-Dichloropropane	ND		1.3	0.33	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
1,4-Dichlorobenzene	ND		1.3	0.29	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
2,2-Dichloropropane	ND		6.5	0.43	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
2-Butanone	ND		26	4.9	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
2-Chlorotoluene	ND		1.3	0.30	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
2-Hexanone	ND		26	2.3	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
4-Chlorotoluene	ND		1.3	0.28	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
4-Methyl-2-pentanone	ND		26	5.6	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Acetone	**23**	**J**	65	8.1	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Benzene	ND		1.3	0.17	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Bromobenzene	ND		1.3	0.27	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Bromochloromethane	ND		2.6	0.90	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Bromodichloromethane	ND		1.3	0.30	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Bromoform	ND		6.5	1.0	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Bromomethane	ND		26	12	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1

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

Client Sample ID: SB-4-3.0-6.0
Date Collected: 06/16/20 10:25
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
cis-1,2-Dichloroethene	ND		1.3	0.36	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
cis-1,3-Dichloropropene	ND		1.3	0.33	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Carbon disulfide	ND		13	0.40	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Carbon tetrachloride	ND		1.3	0.37	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Chlorobenzene	ND		1.3	0.29	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Chloroethane	ND		2.6	1.9	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Chloroform	**0.32**	**J B**	1.3	0.31	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Chloromethane	ND		26	0.40	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Dibromochloromethane	ND		2.6	0.74	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Dibromomethane	ND		1.3	1.0	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Dichlorodifluoromethane	ND		2.6	0.58	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Di-isopropyl ether (DIPE)	ND		1.3	0.63	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Ethanol	ND		650	110	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Ethylbenzene	ND		1.3	0.20	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Ethyl-t-butyl ether (ETBE)	ND		1.3	0.66	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Isopropylbenzene	ND		1.3	0.71	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Methylene Chloride	ND		13	1.7	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Methyl-t-Butyl Ether (MTBE)	ND		2.6	0.38	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Naphthalene	ND		13	1.1	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
n-Butylbenzene	ND		1.3	0.20	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
N-Propylbenzene	ND		2.6	0.65	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
o-Xylene	ND		1.3	0.72	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
m,p-Xylene	ND		2.6	0.35	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
p-Isopropyltoluene	ND		1.3	0.82	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
sec-Butylbenzene	ND		1.3	0.75	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Styrene	ND		1.3	0.79	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
trans-1,2-Dichloroethene	ND		1.3	0.66	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
trans-1,3-Dichloropropene	ND		2.6	0.79	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Tert-amyl-methyl ether (TAME)	ND		1.3	0.46	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
tert-Butyl alcohol (TBA)	ND		26	6.7	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
tert-Butylbenzene	ND		1.3	0.20	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Tetrachloroethene	ND		1.3	0.27	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Toluene	ND		1.3	0.67	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Trichloroethene	ND		2.6	0.39	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Trichlorofluoromethane	ND		13	0.49	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Vinyl acetate	ND		13	6.2	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1
Vinyl chloride	ND		1.3	0.66	ug/Kg	☼	06/17/20 14:50	06/18/20 01:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*122*		*71 - 155*	*06/17/20 14:50*	*06/18/20 01:14*	*1*
4-Bromofluorobenzene (Surr)	*106*		*80 - 120*	*06/17/20 14:50*	*06/18/20 01:14*	*1*
Dibromofluoromethane (Surr)	*108*		*79 - 133*	*06/17/20 14:50*	*06/18/20 01:14*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*06/17/20 14:50*	*06/18/20 01:14*	*1*

Client Sample ID: SB-2-5.0-8.0
Date Collected: 06/16/20 10:50
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.1	0.25	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,1,1-Trichloroethane	ND		1.1	0.24	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1

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

Client Sample ID: SB-2-5.0-8.0
Date Collected: 06/16/20 10:50
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,2,2-Tetrachloroethane	ND		2.1	0.36	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		11	0.37	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,1,2-Trichloroethane	ND		1.1	0.37	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,1-Dichloroethane	ND		1.1	0.22	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,1-Dichloroethene	ND		1.1	0.36	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,1-Dichloropropene	ND		2.1	0.35	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,2,3-Trichlorobenzene	ND		2.1	0.96	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,2,3-Trichloropropane	ND		2.1	0.87	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,2,4-Trichlorobenzene	ND		2.1	0.33	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,2,4-Trimethylbenzene	ND		2.1	0.62	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,2-Dibromo-3-Chloropropane	ND		11	1.8	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,2-Dibromoethane	ND		1.1	0.27	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,2-Dichlorobenzene	ND		1.1	0.24	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,2-Dichloroethane	ND		1.1	0.33	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,2-Dichloropropane	ND		1.1	0.46	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,3,5-Trimethylbenzene	ND		2.1	0.58	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,3-Dichlorobenzene	ND		1.1	0.19	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,3-Dichloropropane	ND		1.1	0.27	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
1,4-Dichlorobenzene	ND		1.1	0.23	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
2,2-Dichloropropane	ND		5.3	0.35	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
2-Butanone	ND		21	4.0	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
2-Chlorotoluene	ND		1.1	0.24	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
2-Hexanone	ND		21	1.9	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
4-Chlorotoluene	ND		1.1	0.22	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
4-Methyl-2-pentanone	ND		21	4.6	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Acetone	**36**	**J**	53	6.6	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Benzene	ND		1.1	0.14	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Bromobenzene	ND		1.1	0.22	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Bromochloromethane	ND		2.1	0.73	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Bromodichloromethane	ND		1.1	0.25	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Bromoform	ND		5.3	0.84	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Bromomethane	ND		21	9.9	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
cis-1,2-Dichloroethene	ND		1.1	0.29	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
cis-1,3-Dichloropropene	ND		1.1	0.27	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Carbon disulfide	ND		11	0.32	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Carbon tetrachloride	ND		1.1	0.30	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Chlorobenzene	ND		1.1	0.24	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Chloroethane	ND		2.1	1.6	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Chloroform	**0.31**	**J B**	1.1	0.25	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Chloromethane	ND		21	0.32	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Dibromochloromethane	ND		2.1	0.60	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Dibromomethane	ND		1.1	0.82	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Dichlorodifluoromethane	ND		2.1	0.47	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Di-isopropyl ether (DIPE)	ND		1.1	0.51	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Ethanol	ND		530	88	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Ethylbenzene	ND		1.1	0.16	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Ethyl-t-butyl ether (ETBE)	ND		1.1	0.53	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Isopropylbenzene	ND		1.1	0.58	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Methylene Chloride	ND		11	1.4	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1

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

Client Sample ID: SB-2-5.0-8.0
Date Collected: 06/16/20 10:50
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Methyl-t-Butyl Ether (MTBE)	ND		2.1	0.31	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Naphthalene	ND		11	0.86	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
n-Butylbenzene	ND		1.1	0.16	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
N-Propylbenzene	ND		2.1	0.53	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
o-Xylene	ND		1.1	0.59	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
m,p-Xylene	ND		2.1	0.28	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
p-Isopropyltoluene	ND		1.1	0.66	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
sec-Butylbenzene	ND		1.1	0.61	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Styrene	ND		1.1	0.64	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
trans-1,2-Dichloroethene	ND		1.1	0.53	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
trans-1,3-Dichloropropene	ND		2.1	0.64	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Tert-amyl-methyl ether (TAME)	ND		1.1	0.37	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
tert-Butyl alcohol (TBA)	ND		21	5.5	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
tert-Butylbenzene	ND		1.1	0.16	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Tetrachloroethene	ND		1.1	0.22	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Toluene	ND		1.1	0.54	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Trichloroethene	ND		2.1	0.32	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Trichlorofluoromethane	ND		11	0.40	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Vinyl acetate	ND		11	5.0	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1
Vinyl chloride	ND		1.1	0.53	ug/Kg	☼	06/17/20 14:50	06/18/20 01:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*126*		*71 - 155*	*06/17/20 14:50*	*06/18/20 01:40*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*	*06/17/20 14:50*	*06/18/20 01:40*	*1*
Dibromofluoromethane (Surr)	*108*		*79 - 133*	*06/17/20 14:50*	*06/18/20 01:40*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*	*06/17/20 14:50*	*06/18/20 01:40*	*1*

Client Sample ID: SB-1-2.5-5.5
Date Collected: 06/16/20 11:20
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		1.4	0.33	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,1,1-Trichloroethane	ND		1.4	0.31	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,1,2,2-Tetrachloroethane	ND		2.7	0.47	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		14	0.48	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,1,2-Trichloroethane	ND		1.4	0.48	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,1-Dichloroethane	ND		1.4	0.29	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,1-Dichloroethene	ND		1.4	0.47	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,1-Dichloropropene	ND		2.7	0.45	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,2,3-Trichlorobenzene	ND		2.7	1.2	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,2,3-Trichloropropane	ND		2.7	1.1	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,2,4-Trichlorobenzene	ND		2.7	0.42	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,2,4-Trimethylbenzene	ND		2.7	0.80	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,2-Dibromo-3-Chloropropane	ND		14	2.4	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,2-Dibromoethane	ND		1.4	0.35	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,2-Dichlorobenzene	ND		1.4	0.31	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,2-Dichloroethane	ND		1.4	0.43	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,2-Dichloropropane	ND		1.4	0.60	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,3,5-Trimethylbenzene	ND		2.7	0.75	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,3-Dichlorobenzene	ND		1.4	0.24	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1

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

Client Sample ID: SB-1-2.5-5.5
Date Collected: 06/16/20 11:20
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,3-Dichloropropane	ND		1.4	0.35	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
1,4-Dichlorobenzene	ND		1.4	0.30	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
2,2-Dichloropropane	ND		6.8	0.45	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
2-Butanone	ND		27	5.2	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
2-Chlorotoluene	ND		1.4	0.32	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
2-Hexanone	ND		27	2.4	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
4-Chlorotoluene	ND		1.4	0.29	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
4-Methyl-2-pentanone	ND		27	5.9	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Acetone	**24**	**J**	68	8.5	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Benzene	**0.21**	**J**	1.4	0.18	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Bromobenzene	ND		1.4	0.29	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Bromochloromethane	ND		2.7	0.94	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Bromodichloromethane	ND		1.4	0.32	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Bromoform	ND		6.8	1.1	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Bromomethane	ND		27	13	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
cis-1,2-Dichloroethene	ND		1.4	0.38	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
cis-1,3-Dichloropropene	ND		1.4	0.35	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Carbon disulfide	ND		14	0.42	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Carbon tetrachloride	ND		1.4	0.39	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Chlorobenzene	ND		1.4	0.31	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Chloroethane	ND		2.7	2.0	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Chloroform	**0.40**	**J B**	1.4	0.33	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Chloromethane	ND		27	0.42	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Dibromochloromethane	ND		2.7	0.78	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Dibromomethane	ND		1.4	1.1	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Dichlorodifluoromethane	ND		2.7	0.61	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Di-isopropyl ether (DIPE)	ND		1.4	0.66	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Ethanol	ND		680	110	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Ethylbenzene	ND		1.4	0.21	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Ethyl-t-butyl ether (ETBE)	ND		1.4	0.69	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Isopropylbenzene	ND		1.4	0.75	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Methylene Chloride	ND		14	1.8	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Methyl-t-Butyl Ether (MTBE)	ND		2.7	0.40	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Naphthalene	ND		14	1.1	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
n-Butylbenzene	ND		1.4	0.21	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
N-Propylbenzene	ND		2.7	0.69	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
o-Xylene	ND		1.4	0.76	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
m,p-Xylene	ND		2.7	0.37	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
p-Isopropyltoluene	ND		1.4	0.86	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
sec-Butylbenzene	ND		1.4	0.79	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Styrene	ND		1.4	0.83	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
trans-1,2-Dichloroethene	ND		1.4	0.69	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
trans-1,3-Dichloropropene	ND		2.7	0.83	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Tert-amyl-methyl ether (TAME)	ND		1.4	0.48	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
tert-Butyl alcohol (TBA)	ND		27	7.1	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
tert-Butylbenzene	ND		1.4	0.21	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Tetrachloroethene	ND		1.4	0.29	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Toluene	ND		1.4	0.70	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Trichloroethene	ND		2.7	0.41	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1

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

Client Sample ID: SB-1-2.5-5.5
Date Collected: 06/16/20 11:20
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Trichlorofluoromethane	ND		14	0.51	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Vinyl acetate	ND		14	6.5	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1
Vinyl chloride	ND		1.4	0.69	ug/Kg	☼	06/17/20 14:50	06/18/20 02:06	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*125*		*71 - 155*	*06/17/20 14:50*	*06/18/20 02:06*	*1*
4-Bromofluorobenzene (Surr)	*104*		*80 - 120*	*06/17/20 14:50*	*06/18/20 02:06*	*1*
Dibromofluoromethane (Surr)	*110*		*79 - 133*	*06/17/20 14:50*	*06/18/20 02:06*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*	*06/17/20 14:50*	*06/18/20 02:06*	*1*

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

Client Sample ID: SB-3-3.0-7.0
Date Collected: 06/16/20 08:55
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.54	0.064	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
1,2-Dichlorobenzene	ND		0.54	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
1,3-Dichlorobenzene	ND		0.54	0.079	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
1,4-Dichlorobenzene	ND		0.54	0.082	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
1-Methylnaphthalene	ND		0.54	0.061	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
2,4,5-Trichlorophenol	ND		0.54	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
2,4,6-Trichlorophenol	ND		0.54	0.083	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
2,4-Dichlorophenol	ND		0.54	0.063	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
2,4-Dimethylphenol	ND		0.54	0.29	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
2,4-Dinitrophenol	ND		2.2	0.37	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
2,4-Dinitrotoluene	ND		0.54	0.072	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
2,6-Dichlorophenol	ND		0.54	0.064	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
2,6-Dinitrotoluene	ND		0.54	0.079	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
2-Chloronaphthalene	ND		0.54	0.064	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
2-Chlorophenol	ND		0.54	0.072	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
2-Methylnaphthalene	ND		0.54	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
2-Methylphenol	ND		0.54	0.094	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
2-Nitroaniline	ND		0.54	0.056	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
2-Nitrophenol	ND		0.54	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
3,3'-Dichlorobenzidine	ND		2.7	0.39	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
3 & 4 Methylphenol	ND		0.54	0.18	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
3-Nitroaniline	ND		0.54	0.076	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
4,6-Dinitro-2-methylphenol	ND		2.7	0.68	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
4-Bromophenyl phenyl ether	ND		0.54	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
4-Chloro-3-methylphenol	ND		0.54	0.072	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
4-Chloroaniline	ND		0.54	0.071	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
4-Chlorophenyl phenyl ether	ND		0.54	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
4-Nitroaniline	ND		0.54	0.071	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
4-Nitrophenol	ND		0.54	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Acenaphthene	ND		0.54	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Acenaphthylene	ND		0.54	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Aniline	ND		0.54	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Anthracene	ND		0.54	0.068	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Azobenzene	ND		0.54	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Benzidine	ND		5.4	0.89	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Benzo[a]anthracene	ND		0.54	0.062	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Benzo[a]pyrene	ND	*1	0.54	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Benzo[b]fluoranthene	ND	*1	0.54	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Benzo[g,h,i]perylene	ND		0.54	0.060	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Benzo[k]fluoranthene	ND		0.54	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Benzoic acid	ND		2.7	0.54	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Benzyl alcohol	ND		0.54	0.072	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Bis(2-chloroethoxy)methane	ND		0.54	0.061	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Bis(2-chloroethyl)ether	ND		2.7	0.44	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
bis (2-Chloroisopropyl) ether	ND		0.54	0.062	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Bis(2-ethylhexyl) phthalate	ND		0.54	0.058	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Butyl benzyl phthalate	ND		0.54	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Chrysene	ND		0.54	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Dibenz(a,h)anthracene	ND		0.54	0.050	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1

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

Client Sample ID: SB-3-3.0-7.0
Date Collected: 06/16/20 08:55
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibenzofuran	ND		0.54	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Diethyl phthalate	ND		0.54	0.063	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Dimethyl phthalate	ND		0.54	0.12	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Di-n-butyl phthalate	ND		0.54	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Di-n-octyl phthalate	ND		0.54	0.11	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Fluoranthene	ND		0.54	0.068	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Fluorene	ND		0.54	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Hexachloro-1,3-butadiene	ND		0.54	0.068	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Hexachlorobenzene	ND		0.54	0.072	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Hexachlorocyclopentadiene	ND		1.6	0.55	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Hexachloroethane	ND		0.54	0.085	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Indeno[1,2,3-cd]pyrene	ND		0.54	0.058	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Isophorone	ND		0.54	0.062	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Naphthalene	ND		0.54	0.064	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Nitrobenzene	ND		2.2	0.35	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
N-Nitrosodimethylamine	ND		0.54	0.051	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
N-Nitrosodi-n-propylamine	ND		0.54	0.091	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
N-Nitrosodiphenylamine	ND		0.54	0.15	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Pentachlorophenol	ND		2.7	0.42	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Phenanthrene	ND		0.54	0.074	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Phenol	ND		0.54	0.052	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Pyrene	ND		0.54	0.083	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1
Pyridine	ND		0.54	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 20:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*71*		*18 - 138*	*06/19/20 12:36*	*06/22/20 20:04*	*1*
2-Fluorobiphenyl (Surr)	*59*		*27 - 120*	*06/19/20 12:36*	*06/22/20 20:04*	*1*
2-Fluorophenol (Surr)	*64*		*25 - 120*	*06/19/20 12:36*	*06/22/20 20:04*	*1*
Nitrobenzene-d5 (Surr)	*56*		*33 - 123*	*06/19/20 12:36*	*06/22/20 20:04*	*1*
p-Terphenyl-d14 (Surr)	*72*		*27 - 159*	*06/19/20 12:36*	*06/22/20 20:04*	*1*
Phenol-d6 (Surr)	*66*		*26 - 122*	*06/19/20 12:36*	*06/22/20 20:04*	*1*

Client Sample ID: SB-5-3.0-7.0
Date Collected: 06/16/20 09:40
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
1,2-Dichlorobenzene	ND		0.55	0.071	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
1,3-Dichlorobenzene	ND		0.55	0.081	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
1,4-Dichlorobenzene	ND		0.55	0.083	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
1-Methylnaphthalene	ND		0.55	0.062	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
2,4,5-Trichlorophenol	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
2,4,6-Trichlorophenol	ND		0.55	0.085	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
2,4-Dichlorophenol	ND		0.55	0.064	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
2,4-Dimethylphenol	ND		0.55	0.29	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
2,4-Dinitrophenol	ND		2.2	0.37	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
2,4-Dinitrotoluene	ND		0.55	0.074	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
2,6-Dichlorophenol	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
2,6-Dinitrotoluene	ND		0.55	0.080	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
2-Chloronaphthalene	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1

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

Client Sample ID: SB-5-3.0-7.0
Date Collected: 06/16/20 09:40
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2-Chlorophenol	ND		0.55	0.074	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
2-Methylnaphthalene	ND		0.55	0.067	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
2-Methylphenol	ND		0.55	0.095	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
2-Nitroaniline	ND		0.55	0.057	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
2-Nitrophenol	ND		0.55	0.074	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
3,3'-Dichlorobenzidine	ND		2.8	0.40	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
3 & 4 Methylphenol	ND		0.55	0.18	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
3-Nitroaniline	ND		0.55	0.077	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
4,6-Dinitro-2-methylphenol	ND		2.8	0.70	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
4-Bromophenyl phenyl ether	ND		0.55	0.068	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
4-Chloro-3-methylphenol	ND		0.55	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
4-Chloroaniline	ND		0.55	0.072	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
4-Chlorophenyl phenyl ether	ND		0.55	0.071	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
4-Nitroaniline	ND		0.55	0.072	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
4-Nitrophenol	ND		0.55	0.060	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Acenaphthene	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Acenaphthylene	ND		0.55	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Aniline	ND		0.55	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Anthracene	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Azobenzene	ND		0.55	0.060	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Benzidine	ND		5.5	0.91	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Benzo[a]anthracene	ND		0.55	0.063	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Benzo[a]pyrene	ND	*1	0.55	0.060	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Benzo[b]fluoranthene	ND	*1	0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Benzo[g,h,i]perylene	ND		0.55	0.061	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Benzo[k]fluoranthene	ND		0.55	0.071	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Benzoic acid	ND		2.8	0.55	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Benzyl alcohol	ND		0.55	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Bis(2-chloroethoxy)methane	ND		0.55	0.062	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Bis(2-chloroethyl)ether	ND		2.8	0.45	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
bis (2-Chloroisopropyl) ether	ND		0.55	0.063	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Bis(2-ethylhexyl) phthalate	ND		0.55	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Butyl benzyl phthalate	ND		0.55	0.060	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Chrysene	ND		0.55	0.071	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Dibenz(a,h)anthracene	ND		0.55	0.051	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Dibenzofuran	ND		0.55	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Diethyl phthalate	ND		0.55	0.064	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Dimethyl phthalate	ND		0.55	0.13	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Di-n-butyl phthalate	ND		0.55	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Di-n-octyl phthalate	ND		0.55	0.11	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Fluoranthene	ND		0.55	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Fluorene	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Hexachloro-1,3-butadiene	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Hexachlorobenzene	ND		0.55	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Hexachlorocyclopentadiene	ND		1.7	0.56	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Hexachloroethane	ND		0.55	0.086	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Indeno[1,2,3-cd]pyrene	ND		0.55	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Isophorone	ND		0.55	0.063	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Naphthalene	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1

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

Client Sample ID: SB-5-3.0-7.0
Date Collected: 06/16/20 09:40
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nitrobenzene	ND		2.2	0.36	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
N-Nitrosodimethylamine	ND		0.55	0.052	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
N-Nitrosodi-n-propylamine	ND		0.55	0.092	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
N-Nitrosodiphenylamine	ND		0.55	0.15	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Pentachlorophenol	ND		2.8	0.43	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Phenanthrene	ND		0.55	0.076	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Phenol	ND		0.55	0.053	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Pyrene	ND		0.55	0.084	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1
Pyridine	ND		0.55	0.060	mg/Kg	☼	06/19/20 12:36	06/22/20 20:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*18 - 138*	*06/19/20 12:36*	*06/22/20 20:23*	*1*
2-Fluorobiphenyl (Surr)	*58*		*27 - 120*	*06/19/20 12:36*	*06/22/20 20:23*	*1*
2-Fluorophenol (Surr)	*62*		*25 - 120*	*06/19/20 12:36*	*06/22/20 20:23*	*1*
Nitrobenzene-d5 (Surr)	*56*		*33 - 123*	*06/19/20 12:36*	*06/22/20 20:23*	*1*
p-Terphenyl-d14 (Surr)	*73*		*27 - 159*	*06/19/20 12:36*	*06/22/20 20:23*	*1*
Phenol-d6 (Surr)	*64*		*26 - 122*	*06/19/20 12:36*	*06/22/20 20:23*	*1*

Client Sample ID: SB-4-3.0-6.0
Date Collected: 06/16/20 10:25
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
1,2-Dichlorobenzene	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
1,3-Dichlorobenzene	ND		0.55	0.080	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
1,4-Dichlorobenzene	ND		0.55	0.082	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
1-Methylnaphthalene	ND		0.55	0.061	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
2,4,5-Trichlorophenol	ND		0.55	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
2,4,6-Trichlorophenol	ND		0.55	0.084	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
2,4-Dichlorophenol	ND		0.55	0.063	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
2,4-Dimethylphenol	ND		0.55	0.29	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
2,4-Dinitrophenol	ND		2.2	0.37	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
2,4-Dinitrotoluene	ND		0.55	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
2,6-Dichlorophenol	ND		0.55	0.064	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
2,6-Dinitrotoluene	ND		0.55	0.079	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
2-Chloronaphthalene	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
2-Chlorophenol	ND		0.55	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
2-Methylnaphthalene	ND		0.55	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
2-Methylphenol	ND		0.55	0.094	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
2-Nitroaniline	ND		0.55	0.057	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
2-Nitrophenol	ND		0.55	0.074	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
3,3'-Dichlorobenzidine	ND		2.7	0.40	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
3 & 4 Methylphenol	ND		0.55	0.18	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
3-Nitroaniline	ND		0.55	0.076	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
4,6-Dinitro-2-methylphenol	ND		2.7	0.69	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
4-Bromophenyl phenyl ether	ND		0.55	0.067	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
4-Chloro-3-methylphenol	ND		0.55	0.072	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
4-Chloroaniline	ND		0.55	0.071	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
4-Chlorophenyl phenyl ether	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
4-Nitroaniline	ND		0.55	0.071	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1

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

Client Sample ID: SB-4-3.0-6.0
Date Collected: 06/16/20 10:25
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4-Nitrophenol	ND		0.55	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Acenaphthene	ND		0.55	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Acenaphthylene	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Aniline	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Anthracene	ND		0.55	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Azobenzene	ND		0.55	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Benzidine	ND		5.5	0.90	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Benzo[a]anthracene	ND		0.55	0.062	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Benzo[a]pyrene	ND	*1	0.55	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Benzo[b]fluoranthene	ND	*1	0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Benzo[g,h,i]perylene	ND		0.55	0.060	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Benzo[k]fluoranthene	ND		0.55	0.071	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Benzoic acid	ND		2.7	0.54	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Benzyl alcohol	ND		0.55	0.072	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Bis(2-chloroethoxy)methane	ND		0.55	0.062	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Bis(2-chloroethyl)ether	ND		2.7	0.44	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
bis (2-Chloroisopropyl) ether	ND		0.55	0.063	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Bis(2-ethylhexyl) phthalate	ND		0.55	0.058	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Butyl benzyl phthalate	ND		0.55	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Chrysene	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Dibenz(a,h)anthracene	ND		0.55	0.051	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Dibenzofuran	ND		0.55	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Diethyl phthalate	ND		0.55	0.064	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Dimethyl phthalate	ND		0.55	0.12	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Di-n-butyl phthalate	ND		0.55	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Di-n-octyl phthalate	ND		0.55	0.11	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Fluoranthene	ND		0.55	0.068	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Fluorene	ND		0.55	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Hexachloro-1,3-butadiene	ND		0.55	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Hexachlorobenzene	ND		0.55	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Hexachlorocyclopentadiene	ND		1.6	0.55	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Hexachloroethane	ND		0.55	0.086	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Indeno[1,2,3-cd]pyrene	ND		0.55	0.058	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Isophorone	ND		0.55	0.062	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Naphthalene	ND		0.55	0.064	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Nitrobenzene	ND		2.2	0.35	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
N-Nitrosodimethylamine	ND		0.55	0.051	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
N-Nitrosodi-n-propylamine	ND		0.55	0.091	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
N-Nitrosodiphenylamine	ND		0.55	0.15	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Pentachlorophenol	ND		2.7	0.42	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Phenanthrene	ND		0.55	0.075	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Phenol	ND		0.55	0.052	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Pyrene	ND		0.55	0.084	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1
Pyridine	ND		0.55	0.060	mg/Kg	☼	06/19/20 12:36	06/22/20 20:42	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*65*		*18 - 138*	*06/19/20 12:36*	*06/22/20 20:42*	*1*
2-Fluorobiphenyl (Surr)	*57*		*27 - 120*	*06/19/20 12:36*	*06/22/20 20:42*	*1*
2-Fluorophenol (Surr)	*64*		*25 - 120*	*06/19/20 12:36*	*06/22/20 20:42*	*1*
Nitrobenzene-d5 (Surr)	*58*		*33 - 123*	*06/19/20 12:36*	*06/22/20 20:42*	*1*

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

Client Sample ID: SB-4-3.0-6.0
Date Collected: 06/16/20 10:25
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-5
Matrix: Solid

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
p-Terphenyl-d14 (Surr)	*71*		*27 - 159*	*06/19/20 12:36*	*06/22/20 20:42*	*1*
Phenol-d6 (Surr)	*65*		*26 - 122*	*06/19/20 12:36*	*06/22/20 20:42*	*1*

Client Sample ID: SB-2-5.0-8.0
Date Collected: 06/16/20 10:50
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
1,2-Dichlorobenzene	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
1,3-Dichlorobenzene	ND		0.55	0.080	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
1,4-Dichlorobenzene	ND		0.55	0.083	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
1-Methylnaphthalene	ND		0.55	0.062	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
2,4,5-Trichlorophenol	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
2,4,6-Trichlorophenol	ND		0.55	0.084	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
2,4-Dichlorophenol	ND		0.55	0.064	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
2,4-Dimethylphenol	ND		0.55	0.29	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
2,4-Dinitrophenol	ND		2.2	0.37	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
2,4-Dinitrotoluene	ND		0.55	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
2,6-Dichlorophenol	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
2,6-Dinitrotoluene	ND		0.55	0.080	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
2-Chloronaphthalene	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
2-Chlorophenol	ND		0.55	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
2-Methylnaphthalene	ND		0.55	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
2-Methylphenol	ND		0.55	0.095	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
2-Nitroaniline	ND		0.55	0.057	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
2-Nitrophenol	ND		0.55	0.074	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
3,3'-Dichlorobenzidine	ND		2.7	0.40	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
3 & 4 Methylphenol	ND		0.55	0.18	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
3-Nitroaniline	ND		0.55	0.077	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
4,6-Dinitro-2-methylphenol	ND		2.7	0.69	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
4-Bromophenyl phenyl ether	ND		0.55	0.067	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
4-Chloro-3-methylphenol	ND		0.55	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
4-Chloroaniline	ND		0.55	0.071	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
4-Chlorophenyl phenyl ether	ND		0.55	0.071	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
4-Nitroaniline	ND		0.55	0.072	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
4-Nitrophenol	ND		0.55	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Acenaphthene	ND		0.55	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Acenaphthylene	ND		0.55	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Aniline	ND		0.55	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Anthracene	ND		0.55	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Azobenzene	ND		0.55	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Benzidine	ND		5.5	0.91	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Benzo[a]anthracene	ND		0.55	0.062	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Benzo[a]pyrene	ND	*1	0.55	0.060	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Benzo[b]fluoranthene	ND	*1	0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Benzo[g,h,i]perylene	ND		0.55	0.061	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Benzo[k]fluoranthene	ND		0.55	0.071	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Benzoic acid	ND		2.7	0.54	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Benzyl alcohol	ND		0.55	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1

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

Client Sample ID: SB-2-5.0-8.0
Date Collected: 06/16/20 10:50
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-chloroethoxy)methane	ND		0.55	0.062	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Bis(2-chloroethyl)ether	ND		2.7	0.45	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
bis (2-Chloroisopropyl) ether	ND		0.55	0.063	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Bis(2-ethylhexyl) phthalate	ND		0.55	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Butyl benzyl phthalate	ND		0.55	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Chrysene	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Dibenz(a,h)anthracene	ND		0.55	0.051	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Dibenzofuran	ND		0.55	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Diethyl phthalate	ND		0.55	0.064	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Dimethyl phthalate	ND		0.55	0.12	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Di-n-butyl phthalate	ND		0.55	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Di-n-octyl phthalate	ND		0.55	0.11	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Fluoranthene	ND		0.55	0.068	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Fluorene	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Hexachloro-1,3-butadiene	ND		0.55	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Hexachlorobenzene	ND		0.55	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Hexachlorocyclopentadiene	ND		1.6	0.55	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Hexachloroethane	ND		0.55	0.086	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Indeno[1,2,3-cd]pyrene	ND		0.55	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Isophorone	ND		0.55	0.062	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Naphthalene	ND		0.55	0.064	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Nitrobenzene	ND		2.2	0.36	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
N-Nitrosodimethylamine	ND		0.55	0.052	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
N-Nitrosodi-n-propylamine	ND		0.55	0.092	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
N-Nitrosodiphenylamine	ND		0.55	0.15	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Pentachlorophenol	ND		2.7	0.42	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Phenanthrene	ND		0.55	0.075	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Phenol	ND		0.55	0.053	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Pyrene	ND		0.55	0.084	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1
Pyridine	ND		0.55	0.060	mg/Kg	☼	06/19/20 12:36	06/22/20 21:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*18 - 138*	*06/19/20 12:36*	*06/22/20 21:01*	*1*
2-Fluorobiphenyl (Surr)	*66*		*27 - 120*	*06/19/20 12:36*	*06/22/20 21:01*	*1*
2-Fluorophenol (Surr)	*75*		*25 - 120*	*06/19/20 12:36*	*06/22/20 21:01*	*1*
Nitrobenzene-d5 (Surr)	*65*		*33 - 123*	*06/19/20 12:36*	*06/22/20 21:01*	*1*
p-Terphenyl-d14 (Surr)	*84*		*27 - 159*	*06/19/20 12:36*	*06/22/20 21:01*	*1*
Phenol-d6 (Surr)	*80*		*26 - 122*	*06/19/20 12:36*	*06/22/20 21:01*	*1*

Client Sample ID: SB-1-2.5-5.5
Date Collected: 06/16/20 11:20
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
1,2-Dichlorobenzene	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
1,3-Dichlorobenzene	ND		0.55	0.080	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
1,4-Dichlorobenzene	ND		0.55	0.082	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
1-Methylnaphthalene	ND		0.55	0.061	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
2,4,5-Trichlorophenol	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
2,4,6-Trichlorophenol	ND		0.55	0.084	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1

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

Client Sample ID: SB-1-2.5-5.5
Date Collected: 06/16/20 11:20
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		0.55	0.064	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
2,4-Dimethylphenol	ND		0.55	0.29	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
2,4-Dinitrophenol	ND		2.2	0.37	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
2,4-Dinitrotoluene	ND		0.55	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
2,6-Dichlorophenol	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
2,6-Dinitrotoluene	ND		0.55	0.080	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
2-Chloronaphthalene	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
2-Chlorophenol	ND		0.55	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
2-Methylnaphthalene	ND		0.55	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
2-Methylphenol	ND		0.55	0.095	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
2-Nitroaniline	ND		0.55	0.057	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
2-Nitrophenol	ND		0.55	0.074	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
3,3'-Dichlorobenzidine	ND		2.7	0.40	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
3 & 4 Methylphenol	ND		0.55	0.18	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
3-Nitroaniline	ND		0.55	0.076	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
4,6-Dinitro-2-methylphenol	ND		2.7	0.69	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
4-Bromophenyl phenyl ether	ND		0.55	0.067	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
4-Chloro-3-methylphenol	ND		0.55	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
4-Chloroaniline	ND		0.55	0.071	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
4-Chlorophenyl phenyl ether	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
4-Nitroaniline	ND		0.55	0.071	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
4-Nitrophenol	ND		0.55	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Acenaphthene	ND		0.55	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Acenaphthylene	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Aniline	ND		0.55	0.065	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Anthracene	ND		0.55	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Azobenzene	ND		0.55	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Benzidine	ND		5.5	0.90	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Benzo[a]anthracene	ND		0.55	0.062	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Benzo[a]pyrene	ND	*1	0.55	0.060	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Benzo[b]fluoranthene	ND	*1	0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Benzo[g,h,i]perylene	ND		0.55	0.060	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Benzo[k]fluoranthene	ND		0.55	0.071	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Benzoic acid	ND		2.7	0.54	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Benzyl alcohol	ND		0.55	0.072	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Bis(2-chloroethoxy)methane	ND		0.55	0.062	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Bis(2-chloroethyl)ether	ND		2.7	0.44	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
bis (2-Chloroisopropyl) ether	ND		0.55	0.063	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Bis(2-ethylhexyl) phthalate	ND		0.55	0.058	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Butyl benzyl phthalate	ND		0.55	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Chrysene	ND		0.55	0.070	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Dibenz(a,h)anthracene	ND		0.55	0.051	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Dibenzofuran	ND		0.55	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Diethyl phthalate	ND		0.55	0.064	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Dimethyl phthalate	ND		0.55	0.12	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Di-n-butyl phthalate	ND		0.55	0.066	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Di-n-octyl phthalate	ND		0.55	0.11	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Fluoranthene	ND		0.55	0.068	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Fluorene	ND		0.55	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1

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

Client Sample ID: SB-1-2.5-5.5
Date Collected: 06/16/20 11:20
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloro-1,3-butadiene	ND		0.55	0.069	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Hexachlorobenzene	ND		0.55	0.073	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Hexachlorocyclopentadiene	ND		1.6	0.55	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Hexachloroethane	ND		0.55	0.086	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Indeno[1,2,3-cd]pyrene	ND		0.55	0.059	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Isophorone	ND		0.55	0.062	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Naphthalene	ND		0.55	0.064	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Nitrobenzene	ND		2.2	0.35	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
N-Nitrosodimethylamine	ND		0.55	0.052	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
N-Nitrosodi-n-propylamine	ND		0.55	0.092	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
N-Nitrosodiphenylamine	ND		0.55	0.15	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Pentachlorophenol	ND		2.7	0.42	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Phenanthrene	ND		0.55	0.075	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Phenol	ND		0.55	0.052	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Pyrene	ND		0.55	0.084	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1
Pyridine	ND		0.55	0.060	mg/Kg	☼	06/19/20 12:36	06/22/20 21:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*18 - 138*	*06/19/20 12:36*	*06/22/20 21:20*	*1*
2-Fluorobiphenyl (Surr)	*61*		*27 - 120*	*06/19/20 12:36*	*06/22/20 21:20*	*1*
2-Fluorophenol (Surr)	*69*		*25 - 120*	*06/19/20 12:36*	*06/22/20 21:20*	*1*
Nitrobenzene-d5 (Surr)	*61*		*33 - 123*	*06/19/20 12:36*	*06/22/20 21:20*	*1*
p-Terphenyl-d14 (Surr)	*79*		*27 - 159*	*06/19/20 12:36*	*06/22/20 21:20*	*1*
Phenol-d6 (Surr)	*72*		*26 - 122*	*06/19/20 12:36*	*06/22/20 21:20*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB-3-3.0-7.0
Date Collected: 06/16/20 08:55
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-1
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C7 as C7	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C8 as C8	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C9-C10	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C11-C12	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C13-C14	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C15-C16	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C17-C18	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C19-C20	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C21-C22	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C23-C24	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C25-C28	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C29-C32	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C33-C36	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C37-C40	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C41-C44	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1
C6-C44	**5.9**		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*119*		*61 - 145*	*06/26/20 15:44*	*06/27/20 06:48*	*1*

Client Sample ID: SB-5-3.0-7.0
Date Collected: 06/16/20 09:40
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-3
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C7 as C7	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C8 as C8	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C9-C10	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C11-C12	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C13-C14	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C15-C16	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C17-C18	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C19-C20	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C21-C22	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C23-C24	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C25-C28	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C29-C32	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C33-C36	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C37-C40	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C41-C44	ND		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1
C6-C44	**6.5**		5.4	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*119*		*61 - 145*	*06/26/20 15:44*	*06/27/20 07:09*	*1*

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB-4-3.0-6.0
Date Collected: 06/16/20 10:25
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C7 as C7	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C8 as C8	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C9-C10	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C11-C12	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C13-C14	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C15-C16	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C17-C18	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C19-C20	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C21-C22	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C23-C24	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C25-C28	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C29-C32	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C33-C36	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C37-C40	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C41-C44	ND		5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1
C6-C44	**4.7**	**J**	5.4	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 07:28	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*119*		*61 - 145*	*06/26/20 15:44*	*06/27/20 07:28*	*1*

Client Sample ID: SB-2-5.0-8.0
Date Collected: 06/16/20 10:50
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C7 as C7	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C8 as C8	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C9-C10	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C11-C12	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C13-C14	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C15-C16	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C17-C18	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C19-C20	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C21-C22	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C23-C24	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C25-C28	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C29-C32	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C33-C36	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C37-C40	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C41-C44	ND		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1
C6-C44	**7.2**		5.5	3.9	mg/Kg	☼	06/26/20 15:44	06/27/20 07:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*118*		*61 - 145*	*06/26/20 15:44*	*06/27/20 07:48*	*1*

Client Sample Results

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

Method: 8015B - Diesel Range Organics (DRO) (GC)

Client Sample ID: SB-1-2.5-5.5
Date Collected: 06/16/20 11:20
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C7 as C7	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C8 as C8	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C9-C10	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C11-C12	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C13-C14	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C15-C16	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C17-C18	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C19-C20	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C21-C22	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C23-C24	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C25-C28	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C29-C32	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C33-C36	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C37-C40	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C41-C44	ND		5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1
C6-C44	**4.4**	**J**	5.3	3.8	mg/Kg	☼	06/26/20 15:44	06/27/20 08:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*116*		*61 - 145*	*06/26/20 15:44*	*06/27/20 08:09*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: SB-3-3.0-7.0 **Lab Sample ID: 570-31117-1**
Date Collected: 06/16/20 08:55 **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.4	0.57	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
4,4'-DDE	ND		5.4	0.77	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
4,4'-DDT	ND		5.4	1.6	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
Aldrin	ND		5.4	0.45	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
alpha-BHC	ND		5.4	0.69	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
alpha-Chlordane	ND	F1	1.1	0.35	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
beta-BHC	ND		5.4	1.8	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
Chlordane	**89**		27	3.7	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
delta-BHC	ND		5.4	0.73	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
Dieldrin	**0.65**	**J p**	1.1	0.39	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
Endosulfan I	ND		5.4	0.39	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
Endosulfan II	ND		5.4	0.52	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
Endosulfan sulfate	ND		5.4	0.47	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
Endrin	ND		5.4	0.47	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
Endrin aldehyde	ND		5.4	0.91	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
Endrin ketone	ND	F2	5.4	1.3	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
gamma-Chlordane	**23**		5.4	1.7	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
gamma-BHC	ND		5.4	0.32	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
Heptachlor	**0.56**	**J**	5.4	0.38	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
Heptachlor epoxide	ND		5.4	0.44	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
Methoxychlor	ND		5.4	1.1	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1
Toxaphene	ND		27	11	ug/Kg	☼	06/19/20 10:57	06/23/20 05:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*25 - 126*	*06/19/20 10:57*	*06/23/20 05:51*	*1*
DCB Decachlorobiphenyl (Surr)	*92*		*20 - 155*	*06/19/20 10:57*	*06/23/20 05:51*	*1*

Client Sample ID: SB-3-14.0-14.5 **Lab Sample ID: 570-31117-2**
Date Collected: 06/16/20 09:15 **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	**0.68**	**J p**	5.3	0.56	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
4,4'-DDE	**2.6**	**J p**	5.3	0.77	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
4,4'-DDT	ND		5.3	1.6	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
Aldrin	ND		5.3	0.44	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
alpha-BHC	ND		5.3	0.68	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
alpha-Chlordane	ND		1.1	0.35	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
beta-BHC	ND		5.3	1.8	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
Chlordane	ND		27	3.7	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
delta-BHC	ND		5.3	0.72	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
Dieldrin	ND		1.1	0.39	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
Endosulfan I	ND		5.3	0.38	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
Endosulfan II	ND		5.3	0.52	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
Endosulfan sulfate	ND		5.3	0.47	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
Endrin	ND		5.3	0.46	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
Endrin aldehyde	ND		5.3	0.91	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
Endrin ketone	ND		5.3	1.2	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
gamma-Chlordane	ND		5.3	1.7	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
gamma-BHC	ND		5.3	0.31	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
Heptachlor	ND		5.3	0.38	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SB-3-14.0-14.5 — **Lab Sample ID: 570-31117-2**
Date Collected: 06/16/20 09:15 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		5.3	0.44	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
Methoxychlor	ND		5.3	1.1	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1
Toxaphene	ND		27	11	ug/Kg	☼	06/19/20 10:57	06/23/20 06:05	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*82*		*25 - 126*	*06/19/20 10:57*	*06/23/20 06:05*	*1*
DCB Decachlorobiphenyl (Surr)	*93*		*20 - 155*	*06/19/20 10:57*	*06/23/20 06:05*	*1*

Client Sample ID: SB-5-3.0-7.0 — **Lab Sample ID: 570-31117-3**
Date Collected: 06/16/20 09:40 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.5	0.58	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
4,4'-DDE	ND		5.5	0.79	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
4,4'-DDT	ND		5.5	1.6	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
Aldrin	ND		5.5	0.45	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
alpha-BHC	ND		5.5	0.70	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
alpha-Chlordane	**8.4**	**p**	1.1	0.36	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
beta-BHC	ND		5.5	1.8	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
Chlordane	**47**		27	3.8	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
delta-BHC	ND		5.5	0.74	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
Dieldrin	**1.1**		1.1	0.40	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
Endosulfan I	ND		5.5	0.40	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
Endosulfan II	ND		5.5	0.53	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
Endosulfan sulfate	ND		5.5	0.48	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
Endrin	ND		5.5	0.48	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
Endrin aldehyde	ND		5.5	0.93	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
Endrin ketone	ND		5.5	1.3	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
gamma-Chlordane	**11**		5.5	1.8	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
gamma-BHC	ND		5.5	0.32	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
Heptachlor	ND		5.5	0.39	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
Heptachlor epoxide	ND		5.5	0.45	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
Methoxychlor	ND		5.5	1.1	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1
Toxaphene	ND		27	11	ug/Kg	☼	06/19/20 10:57	06/23/20 06:20	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*85*		*25 - 126*	*06/19/20 10:57*	*06/23/20 06:20*	*1*
DCB Decachlorobiphenyl (Surr)	*102*		*20 - 155*	*06/19/20 10:57*	*06/23/20 06:20*	*1*

Client Sample ID: SB-5-13.5-14.0 — **Lab Sample ID: 570-31117-4**
Date Collected: 06/16/20 10:00 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.5	0.58	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
4,4'-DDE	**2.1**	**J p**	5.5	0.79	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
4,4'-DDT	ND		5.5	1.7	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
Aldrin	ND		5.5	0.46	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
alpha-BHC	ND		5.5	0.70	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
alpha-Chlordane	ND		1.1	0.36	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
beta-BHC	ND		5.5	1.8	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SB-5-13.5-14.0
Date Collected: 06/16/20 10:00
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-4
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane	ND		27	3.8	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
delta-BHC	ND		5.5	0.74	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
Dieldrin	ND		1.1	0.40	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
Endosulfan I	ND		5.5	0.40	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
Endosulfan II	ND		5.5	0.53	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
Endosulfan sulfate	ND		5.5	0.48	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
Endrin	ND		5.5	0.48	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
Endrin aldehyde	ND		5.5	0.94	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
Endrin ketone	ND		5.5	1.3	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
gamma-Chlordane	ND		5.5	1.8	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
gamma-BHC	ND		5.5	0.32	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
Heptachlor	ND		5.5	0.39	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
Heptachlor epoxide	ND		5.5	0.45	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
Methoxychlor	ND		5.5	1.1	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1
Toxaphene	ND		27	11	ug/Kg	☼	06/19/20 10:57	06/23/20 06:34	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*86*		*25 - 126*	*06/19/20 10:57*	*06/23/20 06:34*	*1*
DCB Decachlorobiphenyl (Surr)	*97*		*20 - 155*	*06/19/20 10:57*	*06/23/20 06:34*	*1*

Client Sample ID: SB-4-3.0-6.0
Date Collected: 06/16/20 10:25
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-5
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.3	0.57	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
4,4'-DDE	**2.1**	**J**	5.3	0.77	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
4,4'-DDT	ND		5.3	1.6	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
Aldrin	ND		5.3	0.44	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
alpha-BHC	ND		5.3	0.69	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
alpha-Chlordane	ND		1.1	0.35	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
beta-BHC	ND		5.3	1.8	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
Chlordane	ND		27	3.7	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
delta-BHC	ND		5.3	0.73	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
Dieldrin	ND		1.1	0.39	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
Endosulfan I	ND		5.3	0.39	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
Endosulfan II	ND		5.3	0.52	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
Endosulfan sulfate	ND		5.3	0.47	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
Endrin	ND		5.3	0.47	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
Endrin aldehyde	ND		5.3	0.91	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
Endrin ketone	ND		5.3	1.2	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
gamma-Chlordane	ND		5.3	1.7	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
gamma-BHC	ND		5.3	0.31	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
Heptachlor	ND		5.3	0.38	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
Heptachlor epoxide	ND		5.3	0.44	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
Methoxychlor	ND		5.3	1.1	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1
Toxaphene	ND		27	11	ug/Kg	☼	06/19/20 10:57	06/23/20 06:48	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*84*		*25 - 126*	*06/19/20 10:57*	*06/23/20 06:48*	*1*
DCB Decachlorobiphenyl (Surr)	*102*		*20 - 155*	*06/19/20 10:57*	*06/23/20 06:48*	*1*

Method: 8081A - Organochlorine Pesticides (GC)

Client Sample ID: SB-4-14.5-15.0
Date Collected: 06/16/20 10:35
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-6
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.4	0.57	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
4,4'-DDE	**1.8**	**J p**	5.4	0.78	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
4,4'-DDT	ND		5.4	1.6	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
Aldrin	ND		5.4	0.45	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
alpha-BHC	ND		5.4	0.69	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
alpha-Chlordane	ND		1.1	0.35	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
beta-BHC	ND		5.4	1.8	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
Chlordane	ND		27	3.7	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
delta-BHC	ND		5.4	0.73	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
Dieldrin	ND		1.1	0.39	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
Endosulfan I	ND		5.4	0.39	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
Endosulfan II	ND		5.4	0.52	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
Endosulfan sulfate	ND		5.4	0.47	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
Endrin	ND		5.4	0.47	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
Endrin aldehyde	ND		5.4	0.92	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
Endrin ketone	ND		5.4	1.3	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
gamma-Chlordane	ND		5.4	1.7	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
gamma-BHC	ND		5.4	0.32	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
Heptachlor	ND		5.4	0.38	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
Heptachlor epoxide	ND		5.4	0.44	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
Methoxychlor	ND		5.4	1.1	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1
Toxaphene	ND		27	11	ug/Kg	☼	06/19/20 10:57	06/23/20 07:02	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*134*	*X*	*25 - 126*	*06/19/20 10:57*	*06/23/20 07:02*	*1*
DCB Decachlorobiphenyl (Surr)	*104*		*20 - 155*	*06/19/20 10:57*	*06/23/20 07:02*	*1*

Client Sample ID: SB-2-5.0-8.0
Date Collected: 06/16/20 10:50
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.4	0.58	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
4,4'-DDE	**3.3**	**J p**	5.4	0.78	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
4,4'-DDT	ND		5.4	1.6	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
Aldrin	ND		5.4	0.45	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
alpha-BHC	ND		5.4	0.70	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
alpha-Chlordane	**13**	**p**	1.1	0.36	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
beta-BHC	ND		5.4	1.8	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
Chlordane	**93**		27	3.8	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
delta-BHC	ND		5.4	0.74	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
Dieldrin	**0.94**	**J p**	1.1	0.39	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
Endosulfan I	ND		5.4	0.39	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
Endosulfan II	ND		5.4	0.53	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
Endosulfan sulfate	ND		5.4	0.48	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
Endrin	ND		5.4	0.47	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
Endrin aldehyde	ND		5.4	0.93	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
Endrin ketone	ND		5.4	1.3	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
gamma-Chlordane	**5.4**	**p**	5.4	1.8	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
gamma-BHC	ND		5.4	0.32	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
Heptachlor	ND		5.4	0.38	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SB-2-5.0-8.0 — **Lab Sample ID: 570-31117-7**
Date Collected: 06/16/20 10:50 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Heptachlor epoxide	ND		5.4	0.44	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
Methoxychlor	ND		5.4	1.1	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1
Toxaphene	ND		27	11	ug/Kg	☼	06/19/20 10:57	06/23/20 07:17	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*25 - 126*	*06/19/20 10:57*	*06/23/20 07:17*	*1*
DCB Decachlorobiphenyl (Surr)	*96*		*20 - 155*	*06/19/20 10:57*	*06/23/20 07:17*	*1*

Client Sample ID: SB-2-13.5-14.0 — **Lab Sample ID: 570-31117-8**
Date Collected: 06/16/20 11:00 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.3	0.57	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
4,4'-DDE	**4.4**	**J p**	5.3	0.77	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
4,4'-DDT	ND		5.3	1.6	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
Aldrin	ND		5.3	0.44	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
alpha-BHC	ND		5.3	0.69	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
alpha-Chlordane	ND		1.1	0.35	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
beta-BHC	ND		5.3	1.8	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
Chlordane	ND		27	3.7	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
delta-BHC	ND		5.3	0.73	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
Dieldrin	ND		1.1	0.39	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
Endosulfan I	ND		5.3	0.39	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
Endosulfan II	ND		5.3	0.52	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
Endosulfan sulfate	ND		5.3	0.47	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
Endrin	ND		5.3	0.47	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
Endrin aldehyde	ND		5.3	0.91	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
Endrin ketone	ND		5.3	1.2	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
gamma-Chlordane	ND		5.3	1.7	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
gamma-BHC	ND		5.3	0.31	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
Heptachlor	ND		5.3	0.38	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
Heptachlor epoxide	ND		5.3	0.44	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
Methoxychlor	ND		5.3	1.1	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1
Toxaphene	ND		27	11	ug/Kg	☼	06/19/20 10:57	06/23/20 07:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*77*		*25 - 126*	*06/19/20 10:57*	*06/23/20 07:31*	*1*
DCB Decachlorobiphenyl (Surr)	*92*		*20 - 155*	*06/19/20 10:57*	*06/23/20 07:31*	*1*

Client Sample ID: SB-1-2.5-5.5 — **Lab Sample ID: 570-31117-9**
Date Collected: 06/16/20 11:20 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.4	0.58	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
4,4'-DDE	ND		5.4	0.78	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
4,4'-DDT	ND		5.4	1.6	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
Aldrin	ND		5.4	0.45	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
alpha-BHC	ND		5.4	0.70	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
alpha-Chlordane	**0.64**	**J p**	1.1	0.36	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
beta-BHC	ND		5.4	1.8	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Client Sample ID: SB-1-2.5-5.5
Date Collected: 06/16/20 11:20
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chlordane	ND		27	3.8	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
delta-BHC	ND		5.4	0.74	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
Dieldrin	ND		1.1	0.39	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
Endosulfan I	ND		5.4	0.39	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
Endosulfan II	ND		5.4	0.53	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
Endosulfan sulfate	ND		5.4	0.48	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
Endrin	ND		5.4	0.47	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
Endrin aldehyde	ND		5.4	0.93	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
Endrin ketone	ND		5.4	1.3	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
gamma-Chlordane	ND		5.4	1.8	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
gamma-BHC	ND		5.4	0.32	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
Heptachlor	ND		5.4	0.38	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
Heptachlor epoxide	ND		5.4	0.44	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
Methoxychlor	ND		5.4	1.1	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1
Toxaphene	ND		27	11	ug/Kg	☼	06/19/20 10:57	06/23/20 07:45	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*79*		*25 - 126*	*06/19/20 10:57*	*06/23/20 07:45*	*1*
DCB Decachlorobiphenyl (Surr)	*98*		*20 - 155*	*06/19/20 10:57*	*06/23/20 07:45*	*1*

Client Sample ID: SB-1-15.0-15.5
Date Collected: 06/16/20 11:35
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.1	0.54	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
4,4'-DDE	ND		5.1	0.74	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
4,4'-DDT	ND		5.1	1.5	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
Aldrin	ND		5.1	0.42	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
alpha-BHC	ND		5.1	0.65	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
alpha-Chlordane	ND		1.0	0.33	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
beta-BHC	ND		5.1	1.7	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
Chlordane	ND		25	3.5	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
delta-BHC	ND		5.1	0.69	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
Dieldrin	ND		1.0	0.37	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
Endosulfan I	ND		5.1	0.37	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
Endosulfan II	ND		5.1	0.49	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
Endosulfan sulfate	ND		5.1	0.45	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
Endrin	ND		5.1	0.44	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
Endrin aldehyde	ND		5.1	0.87	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
Endrin ketone	ND		5.1	1.2	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
gamma-Chlordane	ND		5.1	1.7	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
gamma-BHC	ND		5.1	0.30	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
Heptachlor	ND		5.1	0.36	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
Heptachlor epoxide	ND		5.1	0.42	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
Methoxychlor	ND		5.1	1.0	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1
Toxaphene	ND		25	10	ug/Kg	☼	06/19/20 10:57	06/23/20 07:59	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*92*		*25 - 126*	*06/19/20 10:57*	*06/23/20 07:59*	*1*
DCB Decachlorobiphenyl (Surr)	*109*		*20 - 155*	*06/19/20 10:57*	*06/23/20 07:59*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SB-3-3.0-7.0 — **Lab Sample ID: 570-31117-1**
Date Collected: 06/16/20 08:55 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		54	14	ug/Kg	☼	06/19/20 10:57	06/22/20 23:01	1
Aroclor-1221	ND		54	14	ug/Kg	☼	06/19/20 10:57	06/22/20 23:01	1
Aroclor-1232	ND		54	14	ug/Kg	☼	06/19/20 10:57	06/22/20 23:01	1
Aroclor-1242	ND		54	14	ug/Kg	☼	06/19/20 10:57	06/22/20 23:01	1
Aroclor-1248	ND		54	14	ug/Kg	☼	06/19/20 10:57	06/22/20 23:01	1
Aroclor-1254	ND		54	16	ug/Kg	☼	06/19/20 10:57	06/22/20 23:01	1
Aroclor-1260	ND		54	16	ug/Kg	☼	06/19/20 10:57	06/22/20 23:01	1
Aroclor-1262	ND		54	16	ug/Kg	☼	06/19/20 10:57	06/22/20 23:01	1
Aroclor-1268	ND		54	16	ug/Kg	☼	06/19/20 10:57	06/22/20 23:01	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*89*		*25 - 126*	*06/19/20 10:57*	*06/22/20 23:01*	*1*
DCB Decachlorobiphenyl (Surr)	*88*		*20 - 155*	*06/19/20 10:57*	*06/22/20 23:01*	*1*

Client Sample ID: SB-5-3.0-7.0 — **Lab Sample ID: 570-31117-3**
Date Collected: 06/16/20 09:40 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		55	15	ug/Kg	☼	06/19/20 10:57	06/22/20 23:19	1
Aroclor-1221	ND		55	15	ug/Kg	☼	06/19/20 10:57	06/22/20 23:19	1
Aroclor-1232	ND		55	15	ug/Kg	☼	06/19/20 10:57	06/22/20 23:19	1
Aroclor-1242	ND		55	15	ug/Kg	☼	06/19/20 10:57	06/22/20 23:19	1
Aroclor-1248	ND		55	15	ug/Kg	☼	06/19/20 10:57	06/22/20 23:19	1
Aroclor-1254	ND		55	17	ug/Kg	☼	06/19/20 10:57	06/22/20 23:19	1
Aroclor-1260	ND		55	17	ug/Kg	☼	06/19/20 10:57	06/22/20 23:19	1
Aroclor-1262	ND		55	17	ug/Kg	☼	06/19/20 10:57	06/22/20 23:19	1
Aroclor-1268	ND		55	17	ug/Kg	☼	06/19/20 10:57	06/22/20 23:19	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*90*		*25 - 126*	*06/19/20 10:57*	*06/22/20 23:19*	*1*
DCB Decachlorobiphenyl (Surr)	*94*		*20 - 155*	*06/19/20 10:57*	*06/22/20 23:19*	*1*

Client Sample ID: SB-4-3.0-6.0 — **Lab Sample ID: 570-31117-5**
Date Collected: 06/16/20 10:25 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		53	14	ug/Kg	☼	06/19/20 10:57	06/22/20 23:37	1
Aroclor-1221	ND		53	14	ug/Kg	☼	06/19/20 10:57	06/22/20 23:37	1
Aroclor-1232	ND		53	14	ug/Kg	☼	06/19/20 10:57	06/22/20 23:37	1
Aroclor-1242	ND		53	14	ug/Kg	☼	06/19/20 10:57	06/22/20 23:37	1
Aroclor-1248	ND		53	14	ug/Kg	☼	06/19/20 10:57	06/22/20 23:37	1
Aroclor-1254	ND		53	16	ug/Kg	☼	06/19/20 10:57	06/22/20 23:37	1
Aroclor-1260	ND		53	16	ug/Kg	☼	06/19/20 10:57	06/22/20 23:37	1
Aroclor-1262	ND		53	16	ug/Kg	☼	06/19/20 10:57	06/22/20 23:37	1
Aroclor-1268	ND		53	16	ug/Kg	☼	06/19/20 10:57	06/22/20 23:37	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*91*		*25 - 126*	*06/19/20 10:57*	*06/22/20 23:37*	*1*
DCB Decachlorobiphenyl (Surr)	*93*		*20 - 155*	*06/19/20 10:57*	*06/22/20 23:37*	*1*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Client Sample ID: SB-2-5.0-8.0
Date Collected: 06/16/20 10:50
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-7
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		54	15	ug/Kg	☼	06/19/20 10:57	06/22/20 23:54	1
Aroclor-1221	ND		54	15	ug/Kg	☼	06/19/20 10:57	06/22/20 23:54	1
Aroclor-1232	ND		54	15	ug/Kg	☼	06/19/20 10:57	06/22/20 23:54	1
Aroclor-1242	ND		54	15	ug/Kg	☼	06/19/20 10:57	06/22/20 23:54	1
Aroclor-1248	ND		54	15	ug/Kg	☼	06/19/20 10:57	06/22/20 23:54	1
Aroclor-1254	ND		54	16	ug/Kg	☼	06/19/20 10:57	06/22/20 23:54	1
Aroclor-1260	ND		54	16	ug/Kg	☼	06/19/20 10:57	06/22/20 23:54	1
Aroclor-1262	ND		54	16	ug/Kg	☼	06/19/20 10:57	06/22/20 23:54	1
Aroclor-1268	ND		54	16	ug/Kg	☼	06/19/20 10:57	06/22/20 23:54	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*86*		*25 - 126*	*06/19/20 10:57*	*06/22/20 23:54*	*1*
DCB Decachlorobiphenyl (Surr)	*88*		*20 - 155*	*06/19/20 10:57*	*06/22/20 23:54*	*1*

Client Sample ID: SB-1-2.5-5.5
Date Collected: 06/16/20 11:20
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-9
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		54	15	ug/Kg	☼	06/19/20 10:57	06/23/20 00:13	1
Aroclor-1221	ND		54	15	ug/Kg	☼	06/19/20 10:57	06/23/20 00:13	1
Aroclor-1232	ND		54	15	ug/Kg	☼	06/19/20 10:57	06/23/20 00:13	1
Aroclor-1242	ND		54	15	ug/Kg	☼	06/19/20 10:57	06/23/20 00:13	1
Aroclor-1248	ND		54	15	ug/Kg	☼	06/19/20 10:57	06/23/20 00:13	1
Aroclor-1254	ND		54	16	ug/Kg	☼	06/19/20 10:57	06/23/20 00:13	1
Aroclor-1260	ND		54	16	ug/Kg	☼	06/19/20 10:57	06/23/20 00:13	1
Aroclor-1262	ND		54	16	ug/Kg	☼	06/19/20 10:57	06/23/20 00:13	1
Aroclor-1268	ND		54	16	ug/Kg	☼	06/19/20 10:57	06/23/20 00:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*86*		*25 - 126*	*06/19/20 10:57*	*06/23/20 00:13*	*1*
DCB Decachlorobiphenyl (Surr)	*86*		*20 - 155*	*06/19/20 10:57*	*06/23/20 00:13*	*1*

Method: 6010B - Metals (ICP)

Client Sample ID: SB-3-3.0-7.0 — **Lab Sample ID: 570-31117-1**
Date Collected: 06/16/20 08:55 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.544	J B	0.811	0.161	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1
Arsenic	1.34		0.811	0.280	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1
Barium	39.2		0.540	0.166	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1
Beryllium	0.326		0.270	0.148	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1
Cadmium	ND		0.540	0.146	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1
Chromium	8.28		0.270	0.153	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1
Cobalt	4.14		0.270	0.160	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1
Copper	3.66		0.540	0.146	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1
Lead	1.84		0.540	0.143	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1
Molybdenum	ND		0.270	0.143	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1
Nickel	3.43		0.270	0.157	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1
Selenium	ND	L	0.811	0.324	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1
Silver	ND		0.270	0.0926	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1
Thallium	ND		0.811	0.164	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1
Vanadium	23.9		0.270	0.152	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1
Zinc	12.6		1.08	0.192	mg/Kg	☼	06/29/20 14:00	06/30/20 09:37	1

Client Sample ID: SB-5-3.0-7.0 — **Lab Sample ID: 570-31117-3**
Date Collected: 06/16/20 09:40 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.482	J B	0.852	0.169	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1
Arsenic	1.47		0.852	0.294	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1
Barium	104		0.568	0.175	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1
Beryllium	0.477		0.284	0.156	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1
Cadmium	0.315	J	0.568	0.153	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1
Chromium	14.4		0.284	0.161	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1
Cobalt	8.31		0.284	0.168	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1
Copper	9.46		0.568	0.153	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1
Lead	0.901		0.568	0.150	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1
Molybdenum	ND		0.284	0.150	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1
Nickel	5.55		0.284	0.165	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1
Selenium	ND	L	0.852	0.341	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1
Silver	ND		0.284	0.0974	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1
Thallium	0.337	J	0.852	0.173	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1
Vanadium	42.4		0.284	0.160	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1
Zinc	24.6		1.14	0.202	mg/Kg	☼	06/29/20 14:00	06/30/20 09:40	1

Client Sample ID: SB-4-3.0-6.0 — **Lab Sample ID: 570-31117-5**
Date Collected: 06/16/20 10:25 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Lead	1.13		0.564	0.149	mg/Kg	☼	06/29/20 14:00	06/30/20 09:42	1

Client Sample ID: SB-2-5.0-8.0 — **Lab Sample ID: 570-31117-7**
Date Collected: 06/16/20 10:50 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.761	J B	0.833	0.166	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1
Arsenic	0.835		0.833	0.288	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1

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

Client Sample ID: SB-2-5.0-8.0 — **Lab Sample ID: 570-31117-7**
Date Collected: 06/16/20 10:50 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Barium	54.9		0.556	0.171	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1
Beryllium	0.353		0.278	0.152	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1
Cadmium	ND		0.556	0.150	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1
Chromium	9.22		0.278	0.158	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1
Cobalt	5.06		0.278	0.164	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1
Copper	4.05		0.556	0.150	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1
Lead	0.936		0.556	0.147	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1
Molybdenum	ND		0.278	0.147	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1
Nickel	3.71		0.278	0.161	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1
Selenium	ND	L	0.833	0.333	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1
Silver	ND		0.278	0.0952	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1
Thallium	ND		0.833	0.169	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1
Vanadium	28.2		0.278	0.157	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1
Zinc	13.2		1.11	0.198	mg/Kg	☼	06/29/20 14:00	06/30/20 09:44	1

Client Sample ID: SB-1-2.5-5.5 — **Lab Sample ID: 570-31117-9**
Date Collected: 06/16/20 11:20 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.605	J B	0.846	0.168	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1
Arsenic	0.748	J	0.846	0.292	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1
Barium	110		0.564	0.174	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1
Beryllium	0.322		0.282	0.154	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1
Cadmium	0.207	J	0.564	0.152	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1
Chromium	11.1		0.282	0.160	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1
Cobalt	4.69		0.282	0.167	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1
Copper	5.76		0.564	0.152	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1
Lead	0.584		0.564	0.149	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1
Molybdenum	ND		0.282	0.149	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1
Nickel	3.38		0.282	0.164	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1
Selenium	0.485	J	0.846	0.338	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1
Silver	ND		0.282	0.0966	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1
Thallium	ND		0.846	0.171	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1
Vanadium	30.3		0.282	0.159	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1
Zinc	18.3		1.13	0.201	mg/Kg	☼	06/29/20 14:00	06/30/20 09:54	1

Client Sample ID: SB-4-12.0 — **Lab Sample ID: 570-31117-11**
Date Collected: 06/16/20 11:30 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	ND		0.860	0.171	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1
Arsenic	8.81		0.860	0.297	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1
Barium	50.0		0.574	0.177	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1
Beryllium	0.477		0.287	0.157	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1
Cadmium	0.190	J	0.574	0.155	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1
Chromium	8.49		0.287	0.163	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1
Cobalt	4.98		0.287	0.170	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1
Copper	5.70		0.574	0.155	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1
Lead	6.52		0.574	0.151	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1
Molybdenum	0.200	J	0.287	0.151	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1

Client Sample Results

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

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

Client Sample ID: SB-4-12.0
Date Collected: 06/16/20 11:30
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Nickel	**4.92**		0.287	0.166	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1
Selenium	ND		0.860	0.344	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1
Silver	ND		0.287	0.0983	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1
Thallium	ND		0.860	0.174	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1
Vanadium	**27.1**		0.287	0.162	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1
Zinc	**34.2**		1.15	0.204	mg/Kg	☼	06/29/20 14:00	06/30/20 09:57	1

Client Sample Results

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

Method: 7471A - Mercury (CVAA)

Client Sample ID: SB-3-3.0-7.0 — **Lab Sample ID: 570-31117-1**
Date Collected: 06/16/20 08:55 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0872	0.0141	mg/Kg	☼	06/29/20 14:15	06/30/20 11:29	1

Client Sample ID: SB-5-3.0-7.0 — **Lab Sample ID: 570-31117-3**
Date Collected: 06/16/20 09:40 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0955	0.0155	mg/Kg	☼	06/29/20 14:15	06/30/20 11:31	1

Client Sample ID: SB-2-5.0-8.0 — **Lab Sample ID: 570-31117-7**
Date Collected: 06/16/20 10:50 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0912	0.0148	mg/Kg	☼	06/29/20 14:15	06/30/20 11:33	1

Client Sample ID: SB-1-2.5-5.5 — **Lab Sample ID: 570-31117-9**
Date Collected: 06/16/20 11:20 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0882	0.0143	mg/Kg	☼	06/29/20 14:15	06/30/20 11:35	1

Client Sample ID: SB-4-12.0 — **Lab Sample ID: 570-31117-11**
Date Collected: 06/16/20 11:30 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0932	0.0151	mg/Kg	☼	06/29/20 14:15	06/30/20 11:36	1

General Chemistry

Client Sample ID: SB-3-3.0-7.0 — **Lab Sample ID: 570-31117-1**
Date Collected: 06/16/20 08:55 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.5		0.1	0.1	%			06/17/20 10:35	1

Client Sample ID: SB-3-14.0-14.5 — **Lab Sample ID: 570-31117-2**
Date Collected: 06/16/20 09:15 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	7.7		0.1	0.1	%			06/17/20 10:35	1

Client Sample ID: SB-5-3.0-7.0 — **Lab Sample ID: 570-31117-3**
Date Collected: 06/16/20 09:40 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.7		0.1	0.1	%			06/17/20 10:35	1

Client Sample ID: SB-5-13.5-14.0 — **Lab Sample ID: 570-31117-4**
Date Collected: 06/16/20 10:00 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	9.6		0.1	0.1	%			06/17/20 10:35	1

Client Sample ID: SB-4-3.0-6.0 — **Lab Sample ID: 570-31117-5**
Date Collected: 06/16/20 10:25 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.1		0.1	0.1	%			06/17/20 10:35	1

Client Sample ID: SB-4-14.5-15.0 — **Lab Sample ID: 570-31117-6**
Date Collected: 06/16/20 10:35 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.1		0.1	0.1	%			06/17/20 10:35	1

Client Sample ID: SB-2-5.0-8.0 — **Lab Sample ID: 570-31117-7**
Date Collected: 06/16/20 10:50 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.6		0.1	0.1	%			06/17/20 10:35	1

Client Sample ID: SB-2-13.5-14.0 — **Lab Sample ID: 570-31117-8**
Date Collected: 06/16/20 11:00 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.2		0.1	0.1	%			06/17/20 10:35	1

Client Sample ID: SB-1-2.5-5.5 — **Lab Sample ID: 570-31117-9**
Date Collected: 06/16/20 11:20 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	8.6		0.1	0.1	%			06/17/20 10:35	1

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

General Chemistry

Client Sample ID: SB-1-15.0-15.5
Date Collected: 06/16/20 11:35
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-10
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	3.0		0.1	0.1	%			06/17/20 10:35	1

Client Sample ID: SB-4-12.0
Date Collected: 06/16/20 11:30
Date Received: 06/16/20 18:00

Lab Sample ID: 570-31117-11
Matrix: Solid

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Percent Moisture	10.6		0.1	0.1	%			06/17/20 10:35	1

Surrogate Summary

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

Method: 8260B - Volatile Organic Compounds (GC/MS)

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

		Percent Surrogate Recovery (Acceptance Limits)			
		DCA	BFB	DBFM	TOL
Lab Sample ID	Client Sample ID	(71-155)	(80-120)	(79-133)	(80-120)
570-31117-1	SB-3-3.0-7.0	124	106	109	101
570-31117-3	SB-5-3.0-7.0	124	104	111	100
570-31117-5	SB-4-3.0-6.0	122	106	108	100
570-31117-7	SB-2-5.0-8.0	126	104	108	100
570-31117-9	SB-1-2.5-5.5	125	104	110	98
LCS 570-76117/3	Lab Control Sample	101	105	101	99
LCSD 570-76117/4	Lab Control Sample Dup	100	102	100	101
MB 570-76117/6	Method Blank	106	101	102	99

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
DBFM = Dibromofluoromethane (Surr)
TOL = Toluene-d8 (Surr)

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

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

		Percent Surrogate Recovery (Acceptance Limits)					
		TBP	FBP	2FP	NBZ	TPHd14	PHL6
Lab Sample ID	Client Sample ID	(18-138)	(27-120)	(25-120)	(33-123)	(27-159)	(26-122)
570-31117-1	SB-3-3.0-7.0	71	59	64	56	72	66
570-31117-3	SB-5-3.0-7.0	66	58	62	56	73	64
570-31117-5	SB-4-3.0-6.0	65	57	64	58	71	65
570-31117-7	SB-2-5.0-8.0	75	66	75	65	84	80
570-31117-9	SB-1-2.5-5.5	69	61	69	61	79	72
LCS 570-76553/2-A	Lab Control Sample	88	65	76	65	84	80
LCSD 570-76553/3-A	Lab Control Sample Dup	95	72	80	70	95	84
MB 570-76553/1-A	Method Blank	60	54	59	54	70	59

Surrogate Legend

TBP = 2,4,6-Tribromophenol (Surr)
FBP = 2-Fluorobiphenyl (Surr)
2FP = 2-Fluorophenol (Surr)
NBZ = Nitrobenzene-d5 (Surr)
TPHd14 = p-Terphenyl-d14 (Surr)
PHL6 = Phenol-d6 (Surr)

Method: 8015B - Diesel Range Organics (DRO) (GC)

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

		Percent Surrogate Recovery (Acceptance Limits)
		OTCSN1
Lab Sample ID	Client Sample ID	(61-145)
570-31117-1	SB-3-3.0-7.0	119
570-31117-3	SB-5-3.0-7.0	119
570-31117-5	SB-4-3.0-6.0	119
570-31117-7	SB-2-5.0-8.0	118
570-31117-9	SB-1-2.5-5.5	116
LCS 570-78068/2-A	Lab Control Sample	116
LCSD 570-78068/3-A	Lab Control Sample Dup	113

Surrogate Summary

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

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

Lab Sample ID	Client Sample ID	OTCSN1 (61-145)
MB 570-78068/1-A	Method Blank	118

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

OTCSN = n-Octacosane (Surr)

Method: 8081A - Organochlorine Pesticides (GC)

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

Lab Sample ID	Client Sample ID	TCX1 (25-126)	DCB1 (20-155)
570-31117-1	SB-3-3.0-7.0	85	92
570-31117-1 MS	SB-3-3.0-7.0	79	96
570-31117-1 MSD	SB-3-3.0-7.0	87	95
570-31117-2	SB-3-14.0-14.5	82	93
570-31117-3	SB-5-3.0-7.0	85	102
570-31117-4	SB-5-13.5-14.0	86	97
570-31117-5	SB-4-3.0-6.0	84	102
570-31117-6	SB-4-14.5-15.0	134 X	104
570-31117-7	SB-2-5.0-8.0	77	96
570-31117-8	SB-2-13.5-14.0	77	92
570-31117-9	SB-1-2.5-5.5	79	98
570-31117-10	SB-1-15.0-15.5	92	109
LCS 570-76533/2-A	Lab Control Sample	91	102
LCSD 570-76533/3-A	Lab Control Sample Dup	92	105
MB 570-76533/1-A	Method Blank	89	97

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

TCX = Tetrachloro-m-xylene
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

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

Lab Sample ID	Client Sample ID	TCX1 (25-126)	DCB1 (20-155)
570-31117-1	SB-3-3.0-7.0	89	88
570-31117-3	SB-5-3.0-7.0	90	94
570-31117-5	SB-4-3.0-6.0	91	93
570-31117-7	SB-2-5.0-8.0	86	88
570-31117-9	SB-1-2.5-5.5	86	86
LCS 570-76533/4-A	Lab Control Sample	97	98
LCSD 570-76533/5-A	Lab Control Sample Dup	93	95
MB 570-76533/1-A	Method Blank	93	92

Percent Surrogate Recovery (Acceptance Limits)

Surrogate Legend

TCX = Tetrachloro-m-xylene (Surr)
DCB = DCB Decachlorobiphenyl (Surr)

Method: 8260B - Volatile Organic Compounds (GC/MS)

Lab Sample ID: MB 570-76117/6
Matrix: Solid
Analysis Batch: 76117

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1,2-Tetrachloroethane	ND		0.98	0.24	ug/Kg			06/17/20 22:34	1
1,1,1-Trichloroethane	ND		0.98	0.22	ug/Kg			06/17/20 22:34	1
1,1,2,2-Tetrachloroethane	ND		2.0	0.34	ug/Kg			06/17/20 22:34	1
1,1,2-Trichloro-1,2,2-trifluoroethane	ND		9.8	0.35	ug/Kg			06/17/20 22:34	1
1,1,2-Trichloroethane	ND		0.98	0.35	ug/Kg			06/17/20 22:34	1
1,1-Dichloroethane	ND		0.98	0.21	ug/Kg			06/17/20 22:34	1
1,1-Dichloroethene	ND		0.98	0.34	ug/Kg			06/17/20 22:34	1
1,1-Dichloropropene	ND		2.0	0.32	ug/Kg			06/17/20 22:34	1
1,2,3-Trichlorobenzene	ND		2.0	0.90	ug/Kg			06/17/20 22:34	1
1,2,3-Trichloropropane	ND		2.0	0.82	ug/Kg			06/17/20 22:34	1
1,2,4-Trichlorobenzene	ND		2.0	0.30	ug/Kg			06/17/20 22:34	1
1,2,4-Trimethylbenzene	ND		2.0	0.58	ug/Kg			06/17/20 22:34	1
1,2-Dibromo-3-Chloropropane	ND		9.8	1.7	ug/Kg			06/17/20 22:34	1
1,2-Dibromoethane	ND		0.98	0.25	ug/Kg			06/17/20 22:34	1
1,2-Dichlorobenzene	ND		0.98	0.22	ug/Kg			06/17/20 22:34	1
1,2-Dichloroethane	ND		0.98	0.31	ug/Kg			06/17/20 22:34	1
1,2-Dichloropropane	ND		0.98	0.43	ug/Kg			06/17/20 22:34	1
1,3,5-Trimethylbenzene	ND		2.0	0.54	ug/Kg			06/17/20 22:34	1
1,3-Dichlorobenzene	ND		0.98	0.17	ug/Kg			06/17/20 22:34	1
1,3-Dichloropropane	ND		0.98	0.25	ug/Kg			06/17/20 22:34	1
1,4-Dichlorobenzene	ND		0.98	0.22	ug/Kg			06/17/20 22:34	1
2,2-Dichloropropane	ND		4.9	0.32	ug/Kg			06/17/20 22:34	1
2-Butanone	ND		20	3.7	ug/Kg			06/17/20 22:34	1
2-Chlorotoluene	ND		0.98	0.23	ug/Kg			06/17/20 22:34	1
2-Hexanone	ND		20	1.7	ug/Kg			06/17/20 22:34	1
4-Chlorotoluene	ND		0.98	0.21	ug/Kg			06/17/20 22:34	1
4-Methyl-2-pentanone	ND		20	4.2	ug/Kg			06/17/20 22:34	1
Acetone	ND		49	6.1	ug/Kg			06/17/20 22:34	1
Benzene	ND		0.98	0.13	ug/Kg			06/17/20 22:34	1
Bromobenzene	ND		0.98	0.21	ug/Kg			06/17/20 22:34	1
Bromochloromethane	ND		2.0	0.68	ug/Kg			06/17/20 22:34	1
Bromodichloromethane	ND		0.98	0.23	ug/Kg			06/17/20 22:34	1
Bromoform	ND		4.9	0.78	ug/Kg			06/17/20 22:34	1
Bromomethane	ND		20	9.3	ug/Kg			06/17/20 22:34	1
cis-1,2-Dichloroethene	ND		0.98	0.27	ug/Kg			06/17/20 22:34	1
cis-1,3-Dichloropropene	ND		0.98	0.25	ug/Kg			06/17/20 22:34	1
Carbon disulfide	ND		9.8	0.30	ug/Kg			06/17/20 22:34	1
Carbon tetrachloride	ND		0.98	0.28	ug/Kg			06/17/20 22:34	1
Chlorobenzene	ND		0.98	0.22	ug/Kg			06/17/20 22:34	1
Chloroethane	ND		2.0	1.5	ug/Kg			06/17/20 22:34	1
Chloroform	0.3317	J	0.98	0.23	ug/Kg			06/17/20 22:34	1
Chloromethane	ND		20	0.30	ug/Kg			06/17/20 22:34	1
Dibromochloromethane	ND		2.0	0.56	ug/Kg			06/17/20 22:34	1
Dibromomethane	ND		0.98	0.76	ug/Kg			06/17/20 22:34	1
Dichlorodifluoromethane	ND		2.0	0.44	ug/Kg			06/17/20 22:34	1
Di-isopropyl ether (DIPE)	ND		0.98	0.47	ug/Kg			06/17/20 22:34	1
Ethanol	ND		490	82	ug/Kg			06/17/20 22:34	1
Ethylbenzene	ND		0.98	0.15	ug/Kg			06/17/20 22:34	1

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

Lab Sample ID: MB 570-76117/6
Matrix: Solid
Analysis Batch: 76117

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

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethyl-t-butyl ether (ETBE)	ND		0.98	0.50	ug/Kg			06/17/20 22:34	1
Isopropylbenzene	ND		0.98	0.54	ug/Kg			06/17/20 22:34	1
Methylene Chloride	ND		9.8	1.3	ug/Kg			06/17/20 22:34	1
Methyl-t-Butyl Ether (MTBE)	ND		2.0	0.29	ug/Kg			06/17/20 22:34	1
Naphthalene	ND		9.8	0.80	ug/Kg			06/17/20 22:34	1
n-Butylbenzene	ND		0.98	0.15	ug/Kg			06/17/20 22:34	1
N-Propylbenzene	ND		2.0	0.49	ug/Kg			06/17/20 22:34	1
o-Xylene	ND		0.98	0.55	ug/Kg			06/17/20 22:34	1
m,p-Xylene	ND		2.0	0.26	ug/Kg			06/17/20 22:34	1
p-Isopropyltoluene	ND		0.98	0.62	ug/Kg			06/17/20 22:34	1
sec-Butylbenzene	ND		0.98	0.57	ug/Kg			06/17/20 22:34	1
Styrene	ND		0.98	0.59	ug/Kg			06/17/20 22:34	1
trans-1,2-Dichloroethene	ND		0.98	0.50	ug/Kg			06/17/20 22:34	1
trans-1,3-Dichloropropene	ND		2.0	0.60	ug/Kg			06/17/20 22:34	1
Tert-amyl-methyl ether (TAME)	ND		0.98	0.35	ug/Kg			06/17/20 22:34	1
tert-Butyl alcohol (TBA)	ND		20	5.1	ug/Kg			06/17/20 22:34	1
tert-Butylbenzene	ND		0.98	0.15	ug/Kg			06/17/20 22:34	1
Tetrachloroethene	ND		0.98	0.21	ug/Kg			06/17/20 22:34	1
Toluene	ND		0.98	0.51	ug/Kg			06/17/20 22:34	1
Trichloroethene	ND		2.0	0.30	ug/Kg			06/17/20 22:34	1
Trichlorofluoromethane	ND		9.8	0.37	ug/Kg			06/17/20 22:34	1
Vinyl acetate	ND		9.8	4.7	ug/Kg			06/17/20 22:34	1
Vinyl chloride	ND		0.98	0.49	ug/Kg			06/17/20 22:34	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*71 - 155*		*06/17/20 22:34*	*1*
4-Bromofluorobenzene (Surr)	*101*		*80 - 120*		*06/17/20 22:34*	*1*
Dibromofluoromethane (Surr)	*102*		*79 - 133*		*06/17/20 22:34*	*1*
Toluene-d8 (Surr)	*99*		*80 - 120*		*06/17/20 22:34*	*1*

Lab Sample ID: LCS 570-76117/3
Matrix: Solid
Analysis Batch: 76117

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

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1-Dichloroethene	50.0	46.51		ug/Kg		93	71 - 125
1,2-Dibromoethane	50.0	51.41		ug/Kg		103	80 - 120
1,2-Dichlorobenzene	50.0	49.72		ug/Kg		99	80 - 120
1,2-Dichloroethane	50.0	50.48		ug/Kg		101	79 - 121
Benzene	50.0	46.33		ug/Kg		93	79 - 120
Carbon tetrachloride	50.0	55.70		ug/Kg		111	58 - 142
Chlorobenzene	50.0	47.59		ug/Kg		95	80 - 120
Di-isopropyl ether (DIPE)	50.0	46.48		ug/Kg		93	65 - 131
Ethanol	500	465.3	J	ug/Kg		93	32 - 158
Ethylbenzene	50.0	49.22		ug/Kg		98	57 - 153
Ethyl-t-butyl ether (ETBE)	50.0	45.95		ug/Kg		92	58 - 136
Methyl-t-Butyl Ether (MTBE)	50.0	46.47		ug/Kg		93	64 - 124
o-Xylene	50.0	49.77		ug/Kg		100	79 - 127

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

Lab Sample ID: LCS 570-76117/3
Matrix: Solid
Analysis Batch: 76117

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

Analyte			Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits		
m,p-Xylene			100	97.51		ug/Kg		98	80 - 122		

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*71 - 155*
4-Bromofluorobenzene (Surr)	*105*		*80 - 120*
Dibromofluoromethane (Surr)	*101*		*79 - 133*
Toluene-d8 (Surr)	*99*		*80 - 120*

Lab Sample ID: LCSD 570-76117/4
Matrix: Solid
Analysis Batch: 76117

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

Analyte			Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1-Dichloroethene			50.0	48.29		ug/Kg		97	71 - 125	4	20
1,2-Dibromoethane			50.0	51.88		ug/Kg		104	80 - 120	1	20
1,2-Dichlorobenzene			50.0	51.04		ug/Kg		102	80 - 120	3	20
1,2-Dichloroethane			50.0	52.26		ug/Kg		105	79 - 121	3	20
Benzene			50.0	48.05		ug/Kg		96	79 - 120	4	20
Carbon tetrachloride			50.0	56.44		ug/Kg		113	58 - 142	1	20
Chlorobenzene			50.0	48.59		ug/Kg		97	80 - 120	2	20
Di-isopropyl ether (DIPE)			50.0	46.53		ug/Kg		93	65 - 131	0	20
Ethanol			500	451.1	J	ug/Kg		90	32 - 158	3	27
Ethylbenzene			50.0	49.35		ug/Kg		99	57 - 153	0	20
Ethyl-t-butyl ether (ETBE)			50.0	46.65		ug/Kg		93	58 - 136	2	20
Methyl-t-Butyl Ether (MTBE)			50.0	45.75		ug/Kg		92	64 - 124	2	20
o-Xylene			50.0	50.31		ug/Kg		101	79 - 127	1	20
m,p-Xylene			100	98.57		ug/Kg		99	80 - 122	1	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*71 - 155*
4-Bromofluorobenzene (Surr)	*102*		*80 - 120*
Dibromofluoromethane (Surr)	*100*		*79 - 133*
Toluene-d8 (Surr)	*101*		*80 - 120*

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

Lab Sample ID: MB 570-76553/1-A
Matrix: Solid
Analysis Batch: 76959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 76553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		0.50	0.059	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
1,2-Dichlorobenzene	ND		0.50	0.064	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
1,3-Dichlorobenzene	ND		0.50	0.073	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
1,4-Dichlorobenzene	ND		0.50	0.075	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
1-Methylnaphthalene	ND		0.50	0.056	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
2,4,5-Trichlorophenol	ND		0.50	0.064	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
2,4,6-Trichlorophenol	ND		0.50	0.077	mg/Kg		06/19/20 12:36	06/22/20 14:41	1

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

Lab Sample ID: MB 570-76553/1-A
Matrix: Solid
Analysis Batch: 76959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 76553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
2,4-Dichlorophenol	ND		0.50	0.058	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
2,4-Dimethylphenol	ND		0.50	0.27	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
2,4-Dinitrophenol	ND		2.0	0.34	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
2,4-Dinitrotoluene	ND		0.50	0.067	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
2,6-Dichlorophenol	ND		0.50	0.059	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
2,6-Dinitrotoluene	ND		0.50	0.073	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
2-Chloronaphthalene	ND		0.50	0.059	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
2-Chlorophenol	ND		0.50	0.067	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
2-Methylnaphthalene	ND		0.50	0.060	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
2-Methylphenol	ND		0.50	0.087	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
2-Nitroaniline	ND		0.50	0.052	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
2-Nitrophenol	ND		0.50	0.067	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
3,3'-Dichlorobenzidine	ND		2.5	0.36	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
3 & 4 Methylphenol	ND		0.50	0.16	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
3-Nitroaniline	ND		0.50	0.070	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
4,6-Dinitro-2-methylphenol	ND		2.5	0.63	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
4-Bromophenyl phenyl ether	ND		0.50	0.061	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
4-Chloro-3-methylphenol	ND		0.50	0.066	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
4-Chloroaniline	ND		0.50	0.065	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
4-Chlorophenyl phenyl ether	ND		0.50	0.064	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
4-Nitroaniline	ND		0.50	0.065	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
4-Nitrophenol	ND		0.50	0.054	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Acenaphthene	ND		0.50	0.063	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Acenaphthylene	ND		0.50	0.060	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Aniline	ND		0.50	0.060	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Anthracene	ND		0.50	0.063	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Azobenzene	ND		0.50	0.054	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Benzidine	ND		5.0	0.83	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Benzo[a]anthracene	ND		0.50	0.057	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Benzo[a]pyrene	ND		0.50	0.054	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Benzo[b]fluoranthene	ND		0.50	0.064	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Benzo[g,h,i]perylene	ND		0.50	0.055	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Benzo[k]fluoranthene	ND		0.50	0.065	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Benzoic acid	ND		2.5	0.50	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Benzyl alcohol	ND		0.50	0.066	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Bis(2-chloroethoxy)methane	ND		0.50	0.056	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Bis(2-chloroethyl)ether	ND		2.5	0.41	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
bis (2-Chloroisopropyl) ether	ND		0.50	0.057	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Bis(2-ethylhexyl) phthalate	ND		0.50	0.053	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Butyl benzyl phthalate	ND		0.50	0.054	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Chrysene	ND		0.50	0.064	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Dibenz(a,h)anthracene	ND		0.50	0.046	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Dibenzofuran	ND		0.50	0.060	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Diethyl phthalate	ND		0.50	0.058	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Dimethyl phthalate	ND		0.50	0.11	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Di-n-butyl phthalate	ND		0.50	0.060	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Di-n-octyl phthalate	ND		0.50	0.10	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Fluoranthene	ND		0.50	0.062	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Fluorene	ND		0.50	0.064	mg/Kg		06/19/20 12:36	06/22/20 14:41	1

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

Lab Sample ID: MB 570-76553/1-A
Matrix: Solid
Analysis Batch: 76959

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 76553

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Hexachloro-1,3-butadiene	ND		0.50	0.063	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Hexachlorobenzene	ND		0.50	0.067	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Hexachlorocyclopentadiene	ND		1.5	0.50	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Hexachloroethane	ND		0.50	0.078	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Indeno[1,2,3-cd]pyrene	ND		0.50	0.054	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Isophorone	ND		0.50	0.057	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Naphthalene	ND		0.50	0.059	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Nitrobenzene	ND		2.0	0.32	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
N-Nitrosodimethylamine	ND		0.50	0.047	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
N-Nitrosodi-n-propylamine	ND		0.50	0.084	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
N-Nitrosodiphenylamine	ND		0.50	0.14	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Pentachlorophenol	ND		2.5	0.39	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Phenanthrene	ND		0.50	0.069	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Phenol	ND		0.50	0.048	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Pyrene	ND		0.50	0.077	mg/Kg		06/19/20 12:36	06/22/20 14:41	1
Pyridine	ND		0.50	0.055	mg/Kg		06/19/20 12:36	06/22/20 14:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*18 - 138*	*06/19/20 12:36*	*06/22/20 14:41*	*1*
2-Fluorobiphenyl (Surr)	*54*		*27 - 120*	*06/19/20 12:36*	*06/22/20 14:41*	*1*
2-Fluorophenol (Surr)	*59*		*25 - 120*	*06/19/20 12:36*	*06/22/20 14:41*	*1*
Nitrobenzene-d5 (Surr)	*54*		*33 - 123*	*06/19/20 12:36*	*06/22/20 14:41*	*1*
p-Terphenyl-d14 (Surr)	*70*		*27 - 159*	*06/19/20 12:36*	*06/22/20 14:41*	*1*
Phenol-d6 (Surr)	*59*		*26 - 122*	*06/19/20 12:36*	*06/22/20 14:41*	*1*

Lab Sample ID: LCS 570-76553/2-A
Matrix: Solid
Analysis Batch: 76959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 76553

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2,4-Trichlorobenzene	5.00	3.722		mg/Kg		74	45 - 129
1,4-Dichlorobenzene	5.00	3.347		mg/Kg		67	42 - 132
2,4-Dinitrotoluene	5.00	4.583		mg/Kg		92	51 - 129
2-Chlorophenol	5.00	3.904		mg/Kg		78	58 - 124
4-Chloro-3-methylphenol	5.00	4.396		mg/Kg		88	55 - 151
4-Nitrophenol	5.00	4.307		mg/Kg		86	24 - 126
Acenaphthene	5.00	4.247		mg/Kg		85	51 - 123
Acenaphthylene	5.00	4.574		mg/Kg		91	52 - 120
Butyl benzyl phthalate	5.00	4.773		mg/Kg		95	43 - 139
Dimethyl phthalate	5.00	4.358		mg/Kg		87	51 - 123
Fluorene	5.00	4.414		mg/Kg		88	54 - 126
Naphthalene	5.00	3.721		mg/Kg		74	32 - 146
N-Nitrosodi-n-propylamine	5.00	4.369		mg/Kg		87	40 - 136
Pentachlorophenol	5.00	3.623		mg/Kg		72	23 - 131
Phenol	5.00	3.936		mg/Kg		79	40 - 130
Pyrene	5.00	4.675		mg/Kg		93	47 - 143

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

Lab Sample ID: LCS 570-76553/2-A
Matrix: Solid
Analysis Batch: 76959

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 76553

Surrogate	LCS %Recovery	LCS Qualifier	Limits
2,4,6-Tribromophenol (Surr)	88		18 - 138
2-Fluorobiphenyl (Surr)	65		27 - 120
2-Fluorophenol (Surr)	76		25 - 120
Nitrobenzene-d5 (Surr)	65		33 - 123
p-Terphenyl-d14 (Surr)	84		27 - 159
Phenol-d6 (Surr)	80		26 - 122

Lab Sample ID: LCSD 570-76553/3-A
Matrix: Solid
Analysis Batch: 76959

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 76553

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	5.00	4.051		mg/Kg		81	45 - 129	8	27
1,4-Dichlorobenzene	5.00	3.633		mg/Kg		73	42 - 132	8	30
2,4-Dinitrotoluene	5.00	4.730		mg/Kg		95	51 - 129	3	28
2-Chlorophenol	5.00	4.140		mg/Kg		83	58 - 124	6	20
4-Chloro-3-methylphenol	5.00	4.717		mg/Kg		94	55 - 151	7	20
4-Nitrophenol	5.00	4.444		mg/Kg		89	24 - 126	3	27
Acenaphthene	5.00	4.541		mg/Kg		91	51 - 123	7	26
Acenaphthylene	5.00	4.995		mg/Kg		100	52 - 120	9	28
Butyl benzyl phthalate	5.00	5.174		mg/Kg		103	43 - 139	8	29
Dimethyl phthalate	5.00	4.689		mg/Kg		94	51 - 123	7	27
Fluorene	5.00	4.797		mg/Kg		96	54 - 126	8	27
Naphthalene	5.00	4.096		mg/Kg		82	32 - 146	10	20
N-Nitrosodi-n-propylamine	5.00	4.646		mg/Kg		93	40 - 136	6	29
Pentachlorophenol	5.00	3.831		mg/Kg		77	23 - 131	6	22
Phenol	5.00	4.194		mg/Kg		84	40 - 130	6	20
Pyrene	5.00	5.334		mg/Kg		107	47 - 143	13	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
2,4,6-Tribromophenol (Surr)	95		18 - 138
2-Fluorobiphenyl (Surr)	72		27 - 120
2-Fluorophenol (Surr)	80		25 - 120
Nitrobenzene-d5 (Surr)	70		33 - 123
p-Terphenyl-d14 (Surr)	95		27 - 159
Phenol-d6 (Surr)	84		26 - 122

Method: 8015B - Diesel Range Organics (DRO) (GC)

Lab Sample ID: MB 570-78068/1-A
Matrix: Solid
Analysis Batch: 77990

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78068

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C6 as C6	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1
C7 as C7	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1
C8 as C8	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1
C9-C10	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1

Method: 8015B - Diesel Range Organics (DRO) (GC) (Continued)

Lab Sample ID: MB 570-78068/1-A
Matrix: Solid
Analysis Batch: 77990

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78068

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
C11-C12	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1
C13-C14	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1
C15-C16	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1
C17-C18	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1
C19-C20	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1
C21-C22	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1
C23-C24	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1
C25-C28	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1
C29-C32	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1
C33-C36	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1
C37-C40	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1
C41-C44	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1
C6-C44	ND		5.0	3.6	mg/Kg		06/26/20 15:44	06/27/20 01:24	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
n-Octacosane (Surr)	*118*		*61 - 145*	*06/26/20 15:44*	*06/27/20 01:24*	*1*

Lab Sample ID: LCS 570-78068/2-A
Matrix: Solid
Analysis Batch: 77990

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78068

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Diesel Range Organics [C10-C28]	400	432.1		mg/Kg		108	67 - 121

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
n-Octacosane (Surr)	*116*		*61 - 145*

Lab Sample ID: LCSD 570-78068/3-A
Matrix: Solid
Analysis Batch: 77990

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78068

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Diesel Range Organics [C10-C28]	400	422.5		mg/Kg		106	67 - 121	2	20

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
n-Octacosane (Surr)	*113*		*61 - 145*

Method: 8081A - Organochlorine Pesticides (GC)

Lab Sample ID: MB 570-76533/1-A
Matrix: Solid
Analysis Batch: 77052

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 76533

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
4,4'-DDD	ND		5.0	0.53	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
4,4'-DDE	ND		5.0	0.72	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
4,4'-DDT	ND		5.0	1.5	ug/Kg		06/19/20 10:56	06/23/20 04:40	1

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: MB 570-76533/1-A
Matrix: Solid
Analysis Batch: 77052

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 76533

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aldrin	ND		5.0	0.42	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
alpha-BHC	ND		5.0	0.64	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
alpha-Chlordane	ND		1.0	0.33	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
beta-BHC	ND		5.0	1.7	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
Chlordane	ND		25	3.5	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
delta-BHC	ND		5.0	0.68	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
Dieldrin	ND		1.0	0.36	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
Endosulfan I	ND		5.0	0.36	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
Endosulfan II	ND		5.0	0.49	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
Endosulfan sulfate	ND		5.0	0.44	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
Endrin	ND		5.0	0.44	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
Endrin aldehyde	ND		5.0	0.86	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
Endrin ketone	ND		5.0	1.2	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
gamma-Chlordane	ND		5.0	1.6	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
gamma-BHC	ND		5.0	0.30	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
Heptachlor	ND		5.0	0.35	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
Heptachlor epoxide	ND		5.0	0.41	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
Methoxychlor	ND		5.0	1.0	ug/Kg		06/19/20 10:56	06/23/20 04:40	1
Toxaphene	ND		25	10	ug/Kg		06/19/20 10:56	06/23/20 04:40	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene	*89*		*25 - 126*	*06/19/20 10:56*	*06/23/20 04:40*	*1*
DCB Decachlorobiphenyl (Surr)	*97*		*20 - 155*	*06/19/20 10:56*	*06/23/20 04:40*	*1*

Lab Sample ID: LCS 570-76533/2-A
Matrix: Solid
Analysis Batch: 77052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 76533

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	25.0	23.09		ug/Kg		92	50 - 149
4,4'-DDE	25.0	19.97		ug/Kg		80	48 - 144
4,4'-DDT	25.0	20.43		ug/Kg		82	37 - 149
Aldrin	25.0	19.77		ug/Kg		79	43 - 139
alpha-BHC	25.0	20.26		ug/Kg		81	51 - 138
alpha-Chlordane	25.0	19.89		ug/Kg		80	47 - 136
beta-BHC	25.0	20.96		ug/Kg		84	47 - 135
delta-BHC	25.0	13.45		ug/Kg		54	40 - 146
Dieldrin	25.0	20.76		ug/Kg		83	48 - 141
Endosulfan I	25.0	16.27		ug/Kg		65	43 - 139
Endosulfan II	25.0	20.86		ug/Kg		83	48 - 142
Endosulfan sulfate	25.0	20.04		ug/Kg		80	47 - 144
Endrin	25.0	20.36		ug/Kg		81	35 - 144
Endrin aldehyde	25.0	19.51		ug/Kg		78	35 - 138
gamma-Chlordane	25.0	20.70		ug/Kg		83	33 - 155
gamma-BHC	25.0	20.10		ug/Kg		80	51 - 137
Heptachlor	25.0	20.05		ug/Kg		80	47 - 137
Heptachlor epoxide	25.0	20.04		ug/Kg		80	49 - 135
Methoxychlor	25.0	22.77		ug/Kg		91	39 - 142

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: LCS 570-76533/2-A
Matrix: Solid
Analysis Batch: 77052

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 76533

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene	*91*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*102*		*20 - 155*

Lab Sample ID: LCSD 570-76533/3-A
Matrix: Solid
Analysis Batch: 77052

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 76533

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	25.0	23.76		ug/Kg		95	50 - 149	3	17
4,4'-DDE	25.0	20.63		ug/Kg		83	48 - 144	3	18
4,4'-DDT	25.0	21.50		ug/Kg		86	37 - 149	5	17
Aldrin	25.0	20.21		ug/Kg		81	43 - 139	2	15
alpha-BHC	25.0	20.48		ug/Kg		82	51 - 138	1	17
alpha-Chlordane	25.0	20.37		ug/Kg		81	47 - 136	2	16
beta-BHC	25.0	21.23		ug/Kg		85	47 - 135	1	17
delta-BHC	25.0	13.74		ug/Kg		55	40 - 146	2	20
Dieldrin	25.0	21.39		ug/Kg		86	48 - 141	3	16
Endosulfan I	25.0	16.59		ug/Kg		66	43 - 139	2	16
Endosulfan II	25.0	21.63		ug/Kg		87	48 - 142	4	16
Endosulfan sulfate	25.0	21.24		ug/Kg		85	47 - 144	6	16
Endrin	25.0	20.70		ug/Kg		83	35 - 144	2	18
Endrin aldehyde	25.0	20.27		ug/Kg		81	35 - 138	4	13
gamma-Chlordane	25.0	21.10		ug/Kg		84	33 - 155	2	59
gamma-BHC	25.0	20.38		ug/Kg		82	51 - 137	1	17
Heptachlor	25.0	19.74		ug/Kg		79	47 - 137	2	17
Heptachlor epoxide	25.0	20.53		ug/Kg		82	49 - 135	2	17
Methoxychlor	25.0	24.19		ug/Kg		97	39 - 142	6	17

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*92*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*105*		*20 - 155*

Lab Sample ID: 570-31117-1 MS
Matrix: Solid
Analysis Batch: 77052

Client Sample ID: SB-3-3.0-7.0
Prep Type: Total/NA
Prep Batch: 76533

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
4,4'-DDD	ND		26.9	29.20		ug/Kg	☼	109	12 - 180
4,4'-DDE	ND		26.9	21.68		ug/Kg	☼	81	8 - 184
4,4'-DDT	ND		26.9	21.39		ug/Kg	☼	80	2 - 187
Aldrin	ND		26.9	18.18		ug/Kg	☼	68	9 - 153
alpha-BHC	ND		26.9	18.04		ug/Kg	☼	67	10 - 149
alpha-Chlordane	ND	F1	26.9	50.28	E F1	ug/Kg	☼	187	9 - 161
beta-BHC	ND		26.9	19.07		ug/Kg	☼	71	9 - 156
delta-BHC	ND		26.9	12.74		ug/Kg	☼	47	6 - 162
Dieldrin	0.65	J p	26.9	22.01		ug/Kg	☼	79	11 - 164
Endosulfan I	ND		26.9	16.18		ug/Kg	☼	60	4 - 156
Endosulfan II	ND		26.9	21.85		ug/Kg	☼	81	12 - 161

Method: 8081A - Organochlorine Pesticides (GC) (Continued)

Lab Sample ID: 570-31117-1 MS
Matrix: Solid
Analysis Batch: 77052

Client Sample ID: SB-3-3.0-7.0
Prep Type: Total/NA
Prep Batch: 76533

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Endosulfan sulfate	ND		26.9	19.60		ug/Kg	☼	73	10 - 165
Endrin	ND		26.9	20.46		ug/Kg	☼	76	6 - 166
Endrin aldehyde	ND		26.9	19.15		ug/Kg	☼	71	1 - 156
gamma-Chlordane	23		26.9	46.94	E	ug/Kg	☼	90	7 - 177
gamma-BHC	ND		26.9	18.21		ug/Kg	☼	68	9 - 154
Heptachlor	0.56	J	26.9	18.60		ug/Kg	☼	67	3 - 150
Heptachlor epoxide	ND		26.9	23.22		ug/Kg	☼	86	7 - 169
Methoxychlor	ND		26.9	23.19		ug/Kg	☼	86	8 - 163

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
Tetrachloro-m-xylene	*79*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*96*		*20 - 155*

Lab Sample ID: 570-31117-1 MSD
Matrix: Solid
Analysis Batch: 77052

Client Sample ID: SB-3-3.0-7.0
Prep Type: Total/NA
Prep Batch: 76533

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
4,4'-DDD	ND		26.6	26.27		ug/Kg	☼	99	12 - 180	11	79
4,4'-DDE	ND		26.6	21.53		ug/Kg	☼	81	8 - 184	1	76
4,4'-DDT	ND		26.6	20.48		ug/Kg	☼	77	2 - 187	4	78
Aldrin	ND		26.6	19.56		ug/Kg	☼	73	9 - 153	7	77
alpha-BHC	ND		26.6	19.62		ug/Kg	☼	74	10 - 149	8	85
alpha-Chlordane	ND	F1	26.6	38.92		ug/Kg	☼	146	9 - 161	25	79
beta-BHC	ND		26.6	19.43		ug/Kg	☼	73	9 - 156	2	78
delta-BHC	ND		26.6	13.17		ug/Kg	☼	49	6 - 162	3	85
Dieldrin	0.65	J p	26.6	22.27		ug/Kg	☼	81	11 - 164	1	77
Endosulfan I	ND		26.6	16.63		ug/Kg	☼	62	4 - 156	3	77
Endosulfan II	ND		26.6	20.37		ug/Kg	☼	77	12 - 161	7	77
Endosulfan sulfate	ND		26.6	19.34		ug/Kg	☼	73	10 - 165	1	73
Endrin	ND		26.6	20.50		ug/Kg	☼	77	6 - 166	0	82
Endrin aldehyde	ND		26.6	18.96		ug/Kg	☼	71	1 - 156	1	83
gamma-Chlordane	23		26.6	43.19	E	ug/Kg	☼	77	7 - 177	8	84
gamma-BHC	ND		26.6	19.59		ug/Kg	☼	74	9 - 154	7	79
Heptachlor	0.56	J	26.6	19.82		ug/Kg	☼	72	3 - 150	6	85
Heptachlor epoxide	ND		26.6	22.32		ug/Kg	☼	84	7 - 169	4	79
Methoxychlor	ND		26.6	21.84		ug/Kg	☼	82	8 - 163	6	78

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Tetrachloro-m-xylene	*87*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*95*		*20 - 155*

Method: 8082 - Polychlorinated Biphenyls (PCBs) by Gas Chromatography

Lab Sample ID: MB 570-76533/1-A
Matrix: Solid
Analysis Batch: 77075

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 76533

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Aroclor-1016	ND		50	13	ug/Kg		06/19/20 10:56	06/22/20 19:07	1
Aroclor-1221	ND		50	13	ug/Kg		06/19/20 10:56	06/22/20 19:07	1
Aroclor-1232	ND		50	13	ug/Kg		06/19/20 10:56	06/22/20 19:07	1
Aroclor-1242	ND		50	13	ug/Kg		06/19/20 10:56	06/22/20 19:07	1
Aroclor-1248	ND		50	13	ug/Kg		06/19/20 10:56	06/22/20 19:07	1
Aroclor-1254	ND		50	15	ug/Kg		06/19/20 10:56	06/22/20 19:07	1
Aroclor-1260	ND		50	15	ug/Kg		06/19/20 10:56	06/22/20 19:07	1
Aroclor-1262	ND		50	15	ug/Kg		06/19/20 10:56	06/22/20 19:07	1
Aroclor-1268	ND		50	15	ug/Kg		06/19/20 10:56	06/22/20 19:07	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Tetrachloro-m-xylene (Surr)	*93*		*25 - 126*	*06/19/20 10:56*	*06/22/20 19:07*	*1*
DCB Decachlorobiphenyl (Surr)	*92*		*20 - 155*	*06/19/20 10:56*	*06/22/20 19:07*	*1*

Lab Sample ID: LCS 570-76533/4-A
Matrix: Solid
Analysis Batch: 77075

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 76533

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Aroclor-1016	100	101.0		ug/Kg		101	50 - 142
Aroclor-1260	100	92.40		ug/Kg		92	50 - 150

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*97*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*98*		*20 - 155*

Lab Sample ID: LCSD 570-76533/5-A
Matrix: Solid
Analysis Batch: 77075

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 76533

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Aroclor-1016	100	102.9		ug/Kg		103	50 - 142	2	30
Aroclor-1260	100	89.21		ug/Kg		89	50 - 150	4	30

Surrogate	*LCSD %Recovery*	*LCSD Qualifier*	*Limits*
Tetrachloro-m-xylene (Surr)	*93*		*25 - 126*
DCB Decachlorobiphenyl (Surr)	*95*		*20 - 155*

Method: 6010B - Metals (ICP)

Lab Sample ID: MB 570-78386/1-A
Matrix: Solid
Analysis Batch: 78518

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Antimony	0.4907	J	0.714	0.142	mg/Kg		06/29/20 14:00	06/30/20 08:49	1
Arsenic	ND		0.714	0.247	mg/Kg		06/29/20 14:00	06/30/20 08:49	1
Barium	ND		0.476	0.147	mg/Kg		06/29/20 14:00	06/30/20 08:49	1

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

Lab Sample ID: MB 570-78386/1-A
Matrix: Solid
Analysis Batch: 78518

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 78386

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Beryllium	ND		0.238	0.130	mg/Kg		06/29/20 14:00	06/30/20 08:49	1
Cadmium	ND		0.476	0.129	mg/Kg		06/29/20 14:00	06/30/20 08:49	1
Chromium	ND		0.238	0.135	mg/Kg		06/29/20 14:00	06/30/20 08:49	1
Cobalt	ND		0.238	0.141	mg/Kg		06/29/20 14:00	06/30/20 08:49	1
Copper	ND		0.476	0.129	mg/Kg		06/29/20 14:00	06/30/20 08:49	1
Lead	ND		0.476	0.126	mg/Kg		06/29/20 14:00	06/30/20 08:49	1
Molybdenum	ND		0.238	0.126	mg/Kg		06/29/20 14:00	06/30/20 08:49	1
Nickel	ND		0.238	0.138	mg/Kg		06/29/20 14:00	06/30/20 08:49	1
Selenium	ND		0.714	0.286	mg/Kg		06/29/20 14:00	06/30/20 08:49	1
Silver	ND		0.238	0.0816	mg/Kg		06/29/20 14:00	06/30/20 08:49	1
Thallium	ND		0.714	0.145	mg/Kg		06/29/20 14:00	06/30/20 08:49	1
Vanadium	ND		0.238	0.134	mg/Kg		06/29/20 14:00	06/30/20 08:49	1
Zinc	ND		0.952	0.170	mg/Kg		06/29/20 14:00	06/30/20 08:49	1

Lab Sample ID: LCS 570-78386/2-A
Matrix: Solid
Analysis Batch: 78518

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 78386

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Antimony	24.4	20.44		mg/Kg		84	80 - 120
Arsenic	24.4	20.55		mg/Kg		84	80 - 120
Barium	24.4	23.35		mg/Kg		96	80 - 120
Beryllium	24.4	20.96		mg/Kg		86	80 - 120
Cadmium	24.4	20.86		mg/Kg		86	80 - 120
Chromium	24.4	21.32		mg/Kg		87	80 - 120
Cobalt	24.4	21.31		mg/Kg		87	80 - 120
Copper	24.4	23.10		mg/Kg		95	80 - 120
Lead	24.4	22.04		mg/Kg		90	80 - 120
Molybdenum	24.4	20.12		mg/Kg		82	80 - 120
Nickel	24.4	21.46		mg/Kg		88	80 - 120
Selenium	24.4	20.52		mg/Kg		84	80 - 120
Silver	12.2	11.10		mg/Kg		91	80 - 120
Thallium	24.4	21.31		mg/Kg		87	80 - 120
Vanadium	24.4	21.15		mg/Kg		87	80 - 120
Zinc	24.4	21.24		mg/Kg		87	80 - 120

Lab Sample ID: LCSD 570-78386/3-A
Matrix: Solid
Analysis Batch: 78518

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 78386

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Antimony	24.9	21.23		mg/Kg		85	80 - 120	4	20
Arsenic	24.9	20.52		mg/Kg		83	80 - 120	0	20
Barium	24.9	23.85		mg/Kg		96	80 - 120	2	20
Beryllium	24.9	21.39		mg/Kg		86	80 - 120	2	20
Cadmium	24.9	21.45		mg/Kg		86	80 - 120	3	20
Chromium	24.9	21.73		mg/Kg		87	80 - 120	2	20
Cobalt	24.9	21.83		mg/Kg		88	80 - 120	2	20
Copper	24.9	23.67		mg/Kg		95	80 - 120	2	20

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

Lab Sample ID: LCSD 570-78386/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78518 — **Prep Batch: 78386**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Lead	24.9	22.58		mg/Kg		91	80 - 120	2	20
Molybdenum	24.9	20.79		mg/Kg		84	80 - 120	3	20
Nickel	24.9	22.10		mg/Kg		89	80 - 120	3	20
Selenium	24.9	21.61		mg/Kg		87	80 - 120	5	20
Silver	12.4	11.34		mg/Kg		91	80 - 120	2	20
Thallium	24.9	21.61		mg/Kg		87	80 - 120	1	20
Vanadium	24.9	21.63		mg/Kg		87	80 - 120	2	20
Zinc	24.9	21.76		mg/Kg		87	80 - 120	2	20

Method: 7471A - Mercury (CVAA)

Lab Sample ID: MB 570-78389/1-A — **Client Sample ID: Method Blank**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78569 — **Prep Batch: 78389**

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Mercury	ND		0.0847	0.0137	mg/Kg		06/29/20 14:15	06/30/20 10:32	1

Lab Sample ID: LCS 570-78389/2-A — **Client Sample ID: Lab Control Sample**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78569 — **Prep Batch: 78389**

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Mercury	0.820	0.7674		mg/Kg		94	85 - 121

Lab Sample ID: LCSD 570-78389/3-A — **Client Sample ID: Lab Control Sample Dup**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 78569 — **Prep Batch: 78389**

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Mercury	0.806	0.7569		mg/Kg		94	85 - 121	1	10

Method: Moisture - Percent Moisture

Lab Sample ID: 570-31117-1 DU — **Client Sample ID: SB-3-3.0-7.0**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 75969

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	7.5		7.9		%		6	10

Lab Sample ID: 570-31117-11 DU — **Client Sample ID: SB-4-12.0**
Matrix: Solid — **Prep Type: Total/NA**
Analysis Batch: 75969

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Percent Moisture	10.6		9.9		%		7	10

QC Association Summary

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

GC/MS VOA

Prep Batch: 76037

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-1	SB-3-3.0-7.0	Total/NA	Solid	5035	
570-31117-3	SB-5-3.0-7.0	Total/NA	Solid	5035	
570-31117-5	SB-4-3.0-6.0	Total/NA	Solid	5035	
570-31117-7	SB-2-5.0-8.0	Total/NA	Solid	5035	
570-31117-9	SB-1-2.5-5.5	Total/NA	Solid	5035	

Analysis Batch: 76117

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-1	SB-3-3.0-7.0	Total/NA	Solid	8260B	76037
570-31117-3	SB-5-3.0-7.0	Total/NA	Solid	8260B	76037
570-31117-5	SB-4-3.0-6.0	Total/NA	Solid	8260B	76037
570-31117-7	SB-2-5.0-8.0	Total/NA	Solid	8260B	76037
570-31117-9	SB-1-2.5-5.5	Total/NA	Solid	8260B	76037
MB 570-76117/6	Method Blank	Total/NA	Solid	8260B	
LCS 570-76117/3	Lab Control Sample	Total/NA	Solid	8260B	
LCSD 570-76117/4	Lab Control Sample Dup	Total/NA	Solid	8260B	

GC/MS Semi VOA

Prep Batch: 76553

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-1	SB-3-3.0-7.0	Total/NA	Solid	3545	
570-31117-3	SB-5-3.0-7.0	Total/NA	Solid	3545	
570-31117-5	SB-4-3.0-6.0	Total/NA	Solid	3545	
570-31117-7	SB-2-5.0-8.0	Total/NA	Solid	3545	
570-31117-9	SB-1-2.5-5.5	Total/NA	Solid	3545	
MB 570-76553/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-76553/2-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-76553/3-A	Lab Control Sample Dup	Total/NA	Solid	3545	

Analysis Batch: 76959

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-1	SB-3-3.0-7.0	Total/NA	Solid	8270C	76553
570-31117-3	SB-5-3.0-7.0	Total/NA	Solid	8270C	76553
570-31117-5	SB-4-3.0-6.0	Total/NA	Solid	8270C	76553
570-31117-7	SB-2-5.0-8.0	Total/NA	Solid	8270C	76553
570-31117-9	SB-1-2.5-5.5	Total/NA	Solid	8270C	76553
MB 570-76553/1-A	Method Blank	Total/NA	Solid	8270C	76553
LCS 570-76553/2-A	Lab Control Sample	Total/NA	Solid	8270C	76553
LCSD 570-76553/3-A	Lab Control Sample Dup	Total/NA	Solid	8270C	76553

GC Semi VOA

Prep Batch: 76533

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-1	SB-3-3.0-7.0	Total/NA	Solid	3545	
570-31117-2	SB-3-14.0-14.5	Total/NA	Solid	3545	
570-31117-3	SB-5-3.0-7.0	Total/NA	Solid	3545	
570-31117-4	SB-5-13.5-14.0	Total/NA	Solid	3545	
570-31117-5	SB-4-3.0-6.0	Total/NA	Solid	3545	
570-31117-6	SB-4-14.5-15.0	Total/NA	Solid	3545	
570-31117-7	SB-2-5.0-8.0	Total/NA	Solid	3545	

GC Semi VOA (Continued)

Prep Batch: 76533 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-8	SB-2-13.5-14.0	Total/NA	Solid	3545	
570-31117-9	SB-1-2.5-5.5	Total/NA	Solid	3545	
570-31117-10	SB-1-15.0-15.5	Total/NA	Solid	3545	
MB 570-76533/1-A	Method Blank	Total/NA	Solid	3545	
LCS 570-76533/2-A	Lab Control Sample	Total/NA	Solid	3545	
LCS 570-76533/4-A	Lab Control Sample	Total/NA	Solid	3545	
LCSD 570-76533/3-A	Lab Control Sample Dup	Total/NA	Solid	3545	
LCSD 570-76533/5-A	Lab Control Sample Dup	Total/NA	Solid	3545	
570-31117-1 MS	SB-3-3.0-7.0	Total/NA	Solid	3545	
570-31117-1 MSD	SB-3-3.0-7.0	Total/NA	Solid	3545	

Analysis Batch: 77052

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-1	SB-3-3.0-7.0	Total/NA	Solid	8081A	76533
570-31117-2	SB-3-14.0-14.5	Total/NA	Solid	8081A	76533
570-31117-3	SB-5-3.0-7.0	Total/NA	Solid	8081A	76533
570-31117-4	SB-5-13.5-14.0	Total/NA	Solid	8081A	76533
570-31117-5	SB-4-3.0-6.0	Total/NA	Solid	8081A	76533
570-31117-6	SB-4-14.5-15.0	Total/NA	Solid	8081A	76533
570-31117-7	SB-2-5.0-8.0	Total/NA	Solid	8081A	76533
570-31117-8	SB-2-13.5-14.0	Total/NA	Solid	8081A	76533
570-31117-9	SB-1-2.5-5.5	Total/NA	Solid	8081A	76533
570-31117-10	SB-1-15.0-15.5	Total/NA	Solid	8081A	76533
MB 570-76533/1-A	Method Blank	Total/NA	Solid	8081A	76533
LCS 570-76533/2-A	Lab Control Sample	Total/NA	Solid	8081A	76533
LCSD 570-76533/3-A	Lab Control Sample Dup	Total/NA	Solid	8081A	76533
570-31117-1 MS	SB-3-3.0-7.0	Total/NA	Solid	8081A	76533
570-31117-1 MSD	SB-3-3.0-7.0	Total/NA	Solid	8081A	76533

Analysis Batch: 77075

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-1	SB-3-3.0-7.0	Total/NA	Solid	8082	76533
570-31117-3	SB-5-3.0-7.0	Total/NA	Solid	8082	76533
570-31117-5	SB-4-3.0-6.0	Total/NA	Solid	8082	76533
570-31117-7	SB-2-5.0-8.0	Total/NA	Solid	8082	76533
570-31117-9	SB-1-2.5-5.5	Total/NA	Solid	8082	76533
MB 570-76533/1-A	Method Blank	Total/NA	Solid	8082	76533
LCS 570-76533/4-A	Lab Control Sample	Total/NA	Solid	8082	76533
LCSD 570-76533/5-A	Lab Control Sample Dup	Total/NA	Solid	8082	76533

Analysis Batch: 77990

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-1	SB-3-3.0-7.0	Total/NA	Solid	8015B	78068
570-31117-3	SB-5-3.0-7.0	Total/NA	Solid	8015B	78068
570-31117-5	SB-4-3.0-6.0	Total/NA	Solid	8015B	78068
570-31117-7	SB-2-5.0-8.0	Total/NA	Solid	8015B	78068
570-31117-9	SB-1-2.5-5.5	Total/NA	Solid	8015B	78068
MB 570-78068/1-A	Method Blank	Total/NA	Solid	8015B	78068
LCS 570-78068/2-A	Lab Control Sample	Total/NA	Solid	8015B	78068
LCSD 570-78068/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B	78068

QC Association Summary

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

GC Semi VOA

Prep Batch: 78068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-1	SB-3-3.0-7.0	Total/NA	Solid	3550C	
570-31117-3	SB-5-3.0-7.0	Total/NA	Solid	3550C	
570-31117-5	SB-4-3.0-6.0	Total/NA	Solid	3550C	
570-31117-7	SB-2-5.0-8.0	Total/NA	Solid	3550C	
570-31117-9	SB-1-2.5-5.5	Total/NA	Solid	3550C	
MB 570-78068/1-A	Method Blank	Total/NA	Solid	3550C	
LCS 570-78068/2-A	Lab Control Sample	Total/NA	Solid	3550C	
LCSD 570-78068/3-A	Lab Control Sample Dup	Total/NA	Solid	3550C	

Metals

Prep Batch: 78386

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-1	SB-3-3.0-7.0	Total/NA	Solid	3050B	
570-31117-3	SB-5-3.0-7.0	Total/NA	Solid	3050B	
570-31117-5	SB-4-3.0-6.0	Total/NA	Solid	3050B	
570-31117-7	SB-2-5.0-8.0	Total/NA	Solid	3050B	
570-31117-9	SB-1-2.5-5.5	Total/NA	Solid	3050B	
570-31117-11	SB-4-12.0	Total/NA	Solid	3050B	
MB 570-78386/1-A	Method Blank	Total/NA	Solid	3050B	
LCS 570-78386/2-A	Lab Control Sample	Total/NA	Solid	3050B	
LCSD 570-78386/3-A	Lab Control Sample Dup	Total/NA	Solid	3050B	

Prep Batch: 78389

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-1	SB-3-3.0-7.0	Total/NA	Solid	7471A	
570-31117-3	SB-5-3.0-7.0	Total/NA	Solid	7471A	
570-31117-7	SB-2-5.0-8.0	Total/NA	Solid	7471A	
570-31117-9	SB-1-2.5-5.5	Total/NA	Solid	7471A	
570-31117-11	SB-4-12.0	Total/NA	Solid	7471A	
MB 570-78389/1-A	Method Blank	Total/NA	Solid	7471A	
LCS 570-78389/2-A	Lab Control Sample	Total/NA	Solid	7471A	
LCSD 570-78389/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	

Analysis Batch: 78518

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-1	SB-3-3.0-7.0	Total/NA	Solid	6010B	78386
570-31117-3	SB-5-3.0-7.0	Total/NA	Solid	6010B	78386
570-31117-5	SB-4-3.0-6.0	Total/NA	Solid	6010B	78386
570-31117-7	SB-2-5.0-8.0	Total/NA	Solid	6010B	78386
570-31117-9	SB-1-2.5-5.5	Total/NA	Solid	6010B	78386
570-31117-11	SB-4-12.0	Total/NA	Solid	6010B	78386
MB 570-78386/1-A	Method Blank	Total/NA	Solid	6010B	78386
LCS 570-78386/2-A	Lab Control Sample	Total/NA	Solid	6010B	78386
LCSD 570-78386/3-A	Lab Control Sample Dup	Total/NA	Solid	6010B	78386

Analysis Batch: 78569

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-1	SB-3-3.0-7.0	Total/NA	Solid	7471A	78389
570-31117-3	SB-5-3.0-7.0	Total/NA	Solid	7471A	78389
570-31117-7	SB-2-5.0-8.0	Total/NA	Solid	7471A	78389

Metals (Continued)

Analysis Batch: 78569 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-9	SB-1-2.5-5.5	Total/NA	Solid	7471A	78389
570-31117-11	SB-4-12.0	Total/NA	Solid	7471A	78389
MB 570-78389/1-A	Method Blank	Total/NA	Solid	7471A	78389
LCS 570-78389/2-A	Lab Control Sample	Total/NA	Solid	7471A	78389
LCSD 570-78389/3-A	Lab Control Sample Dup	Total/NA	Solid	7471A	78389

General Chemistry

Analysis Batch: 75969

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
570-31117-1	SB-3-3.0-7.0	Total/NA	Solid	Moisture	
570-31117-2	SB-3-14.0-14.5	Total/NA	Solid	Moisture	
570-31117-3	SB-5-3.0-7.0	Total/NA	Solid	Moisture	
570-31117-4	SB-5-13.5-14.0	Total/NA	Solid	Moisture	
570-31117-5	SB-4-3.0-6.0	Total/NA	Solid	Moisture	
570-31117-6	SB-4-14.5-15.0	Total/NA	Solid	Moisture	
570-31117-7	SB-2-5.0-8.0	Total/NA	Solid	Moisture	
570-31117-8	SB-2-13.5-14.0	Total/NA	Solid	Moisture	
570-31117-9	SB-1-2.5-5.5	Total/NA	Solid	Moisture	
570-31117-10	SB-1-15.0-15.5	Total/NA	Solid	Moisture	
570-31117-11	SB-4-12.0	Total/NA	Solid	Moisture	
570-31117-1 DU	SB-3-3.0-7.0	Total/NA	Solid	Moisture	
570-31117-11 DU	SB-4-12.0	Total/NA	Solid	Moisture	

Lab Chronicle

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

Client Sample ID: SB-3-3.0-7.0

Lab Sample ID: 570-31117-1

Date Collected: 06/16/20 08:55

Matrix: Solid

Date Received: 06/16/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			5.662 g	5 g	76037	06/17/20 14:50	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	76117	06/18/20 00:21	BE5H	ECL 2
	Instrument ID:	GCMSQ								
Total/NA	Prep	3545			19.94 g	2 mL	76553	06/19/20 12:36	F7UI	ECL 1
Total/NA	Analysis	8270C		1			76959	06/22/20 20:04	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			10.11 g	10 mL	78068	06/26/20 15:44	SP7J	ECL 1
Total/NA	Analysis	8015B		1			77990	06/27/20 06:48	UJ3K	ECL 1
	Instrument ID:	GC50								
Total/NA	Prep	3545			20.2 g	10 mL	76533	06/19/20 10:57	F7UI	ECL 1
Total/NA	Analysis	8081A		1			77052	06/23/20 05:51	UHHN	ECL 1
	Instrument ID:	GC51								
Total/NA	Prep	3545			20.2 g	10 mL	76533	06/19/20 10:57	F7UI	ECL 1
Total/NA	Analysis	8082		1			77075	06/22/20 23:01	UHHN	ECL 1
	Instrument ID:	GC58								
Total/NA	Prep	3050B			2.00 g	100 mL	78386	06/29/20 14:00	X7RL	ECL 1
Total/NA	Analysis	6010B		1			78518	06/30/20 09:37	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.62 g	100 mL	78389	06/29/20 14:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			78569	06/30/20 11:29	MD3A	ECL 1
	Instrument ID:	HG8								
Total/NA	Analysis	Moisture		1			75969	06/17/20 10:35	ULIN	ECL 1
	Instrument ID:	NOEQUIP								

Client Sample ID: SB-3-14.0-14.5

Lab Sample ID: 570-31117-2

Date Collected: 06/16/20 09:15

Matrix: Solid

Date Received: 06/16/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.4 g	10 mL	76533	06/19/20 10:57	F7UI	ECL 1
Total/NA	Analysis	8081A		1			77052	06/23/20 06:05	UHHN	ECL 1
	Instrument ID:	GC51								
Total/NA	Analysis	Moisture		1			75969	06/17/20 10:35	ULIN	ECL 1
	Instrument ID:	NOEQUIP								

Client Sample ID: SB-5-3.0-7.0

Lab Sample ID: 570-31117-3

Date Collected: 06/16/20 09:40

Matrix: Solid

Date Received: 06/16/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.349 g	5 g	76037	06/17/20 14:50	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	76117	06/18/20 00:47	BE5H	ECL 2
	Instrument ID:	GCMSQ								
Total/NA	Prep	3545			20.09 g	2 mL	76553	06/19/20 12:36	F7UI	ECL 1
Total/NA	Analysis	8270C		1			76959	06/22/20 20:23	N8CZ	ECL 1
	Instrument ID:	GCMSTT								

Client Sample ID: SB-5-3.0-7.0 — Lab Sample ID: 570-31117-3

Date Collected: 06/16/20 09:40 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			10.17 g	10 mL	78068	06/26/20 15:44	SP7J	ECL 1
Total/NA	Analysis	8015B		1			77990	06/27/20 07:09	UJ3K	ECL 1
	Instrument ID:	GC50								
Total/NA	Prep	3545			20.3 g	10 mL	76533	06/19/20 10:57	F7UI	ECL 1
Total/NA	Analysis	8081A		1			77052	06/23/20 06:20	UHHN	ECL 1
	Instrument ID:	GC51								
Total/NA	Prep	3545			20.3 g	10 mL	76533	06/19/20 10:57	F7UI	ECL 1
Total/NA	Analysis	8082		1			77075	06/22/20 23:19	UHHN	ECL 1
	Instrument ID:	GC58								
Total/NA	Prep	3050B			1.95 g	100 mL	78386	06/29/20 14:00	X7RL	ECL 1
Total/NA	Analysis	6010B		1			78518	06/30/20 09:40	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.58 g	100 mL	78389	06/29/20 14:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			78569	06/30/20 11:31	MD3A	ECL 1
	Instrument ID:	HG8								
Total/NA	Analysis	Moisture		1			75969	06/17/20 10:35	ULIN	ECL 1
	Instrument ID:	NOEQUIP								

Client Sample ID: SB-5-13.5-14.0 — Lab Sample ID: 570-31117-4

Date Collected: 06/16/20 10:00 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.2 g	10 mL	76533	06/19/20 10:57	F7UI	ECL 1
Total/NA	Analysis	8081A		1			77052	06/23/20 06:34	UHHN	ECL 1
	Instrument ID:	GC51								
Total/NA	Analysis	Moisture		1			75969	06/17/20 10:35	ULIN	ECL 1
	Instrument ID:	NOEQUIP								

Client Sample ID: SB-4-3.0-6.0 — Lab Sample ID: 570-31117-5

Date Collected: 06/16/20 10:25 — **Matrix: Solid**
Date Received: 06/16/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.179 g	5 g	76037	06/17/20 14:50	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	76117	06/18/20 01:14	BE5H	ECL 2
	Instrument ID:	GCMSQ								
Total/NA	Prep	3545			19.93 g	2 mL	76553	06/19/20 12:36	F7UI	ECL 1
Total/NA	Analysis	8270C		1			76959	06/22/20 20:42	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			10.05 g	10 mL	78068	06/26/20 15:44	SP7J	ECL 1
Total/NA	Analysis	8015B		1			77990	06/27/20 07:28	UJ3K	ECL 1
	Instrument ID:	GC50								
Total/NA	Prep	3545			20.4 g	10 mL	76533	06/19/20 10:57	F7UI	ECL 1
Total/NA	Analysis	8081A		1			77052	06/23/20 06:48	UHHN	ECL 1
	Instrument ID:	GC51								

Lab Chronicle

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

Client Sample ID: SB-4-3.0-6.0

Lab Sample ID: 570-31117-5

Date Collected: 06/16/20 10:25
Date Received: 06/16/20 18:00

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	3545			20.4 g	10 mL	76533	06/19/20 10:57	F7UI	ECL 1
Total/NA	Analysis	8082		1			77075	06/22/20 23:37	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3050B			1.93 g	100 mL	78386	06/29/20 14:00	X7RL	ECL 1
Total/NA	Analysis	6010B		1			78518	06/30/20 09:42	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Analysis	Moisture		1			75969	06/17/20 10:35	ULIN	ECL 1
	Instrument ID: NOEQUIP									

Client Sample ID: SB-4-14.5-15.0

Lab Sample ID: 570-31117-6

Date Collected: 06/16/20 10:35
Date Received: 06/16/20 18:00

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	3545			20.3 g	10 mL	76533	06/19/20 10:57	F7UI	ECL 1
Total/NA	Analysis	8081A		1			77052	06/23/20 07:02	UHHN	ECL 1
	Instrument ID: GC51									
Total/NA	Analysis	Moisture		1			75969	06/17/20 10:35	ULIN	ECL 1
	Instrument ID: NOEQUIP									

Client Sample ID: SB-2-5.0-8.0

Lab Sample ID: 570-31117-7

Date Collected: 06/16/20 10:50
Date Received: 06/16/20 18:00

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			5.196 g	5 g	76037	06/17/20 14:50	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	76117	06/18/20 01:40	BE5H	ECL 2
	Instrument ID: GCMSQ									
Total/NA	Prep	3545			19.94 g	2 mL	76553	06/19/20 12:36	F7UI	ECL 1
Total/NA	Analysis	8270C		1			76959	06/22/20 21:01	N8CZ	ECL 1
	Instrument ID: GCMSTT									
Total/NA	Prep	3550C			9.90 g	10 mL	78068	06/26/20 15:44	SP7J	ECL 1
Total/NA	Analysis	8015B		1			77990	06/27/20 07:48	UJ3K	ECL 1
	Instrument ID: GC50									
Total/NA	Prep	3545			20.2 g	10 mL	76533	06/19/20 10:57	F7UI	ECL 1
Total/NA	Analysis	8081A		1			77052	06/23/20 07:17	UHHN	ECL 1
	Instrument ID: GC51									
Total/NA	Prep	3545			20.2 g	10 mL	76533	06/19/20 10:57	F7UI	ECL 1
Total/NA	Analysis	8082		1			77075	06/22/20 23:54	UHHN	ECL 1
	Instrument ID: GC58									
Total/NA	Prep	3050B			1.97 g	100 mL	78386	06/29/20 14:00	X7RL	ECL 1
Total/NA	Analysis	6010B		1			78518	06/30/20 09:44	ULPF	ECL 1
	Instrument ID: ICP8									
Total/NA	Prep	7471A			.60 g	100 mL	78389	06/29/20 14:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			78569	06/30/20 11:33	MD3A	ECL 1
	Instrument ID: HG8									

Lab Chronicle

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

Client Sample ID: SB-2-5.0-8.0

Lab Sample ID: 570-31117-7

Date Collected: 06/16/20 10:50
Matrix: Solid
Date Received: 06/16/20 18:00

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			75969	06/17/20 10:35	ULIN	ECL 1

Client Sample ID: SB-2-13.5-14.0

Lab Sample ID: 570-31117-8

Date Collected: 06/16/20 11:00
Matrix: Solid
Date Received: 06/16/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3545			20.4 g	10 mL	76533	06/19/20 10:57	F7UI	ECL 1
Total/NA	Analysis	8081A		1			77052	06/23/20 07:31	UHHN	ECL 1
	Instrument ID:	GC51								
Total/NA	Analysis	Moisture		1			75969	06/17/20 10:35	ULIN	ECL 1
	Instrument ID:	NOEQUIP								

Client Sample ID: SB-1-2.5-5.5

Lab Sample ID: 570-31117-9

Date Collected: 06/16/20 11:20
Matrix: Solid
Date Received: 06/16/20 18:00

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			4.001 g	5 g	76037	06/17/20 14:50	P4DI	ECL 2
Total/NA	Analysis	8260B		1	5 mL	5 mL	76117	06/18/20 02:06	BE5H	ECL 2
	Instrument ID:	GCMSQ								
Total/NA	Prep	3545			20.00 g	2 mL	76553	06/19/20 12:36	F7UI	ECL 1
Total/NA	Analysis	8270C		1			76959	06/22/20 21:20	N8CZ	ECL 1
	Instrument ID:	GCMSTT								
Total/NA	Prep	3550C			10.31 g	10 mL	78068	06/26/20 15:44	SP7J	ECL 1
Total/NA	Analysis	8015B		1			77990	06/27/20 08:09	UJ3K	ECL 1
	Instrument ID:	GC50								
Total/NA	Prep	3545			20.2 g	10 mL	76533	06/19/20 10:57	F7UI	ECL 1
Total/NA	Analysis	8081A		1			77052	06/23/20 07:45	UHHN	ECL 1
	Instrument ID:	GC51								
Total/NA	Prep	3545			20.2 g	10 mL	76533	06/19/20 10:57	F7UI	ECL 1
Total/NA	Analysis	8082		1			77075	06/23/20 00:13	UHHN	ECL 1
	Instrument ID:	GC58								
Total/NA	Prep	3050B			1.94 g	100 mL	78386	06/29/20 14:00	X7RL	ECL 1
Total/NA	Analysis	6010B		1			78518	06/30/20 09:54	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.62 g	100 mL	78389	06/29/20 14:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			78569	06/30/20 11:35	MD3A	ECL 1
	Instrument ID:	HG8								
Total/NA	Analysis	Moisture		1			75969	06/17/20 10:35	ULIN	ECL 1
	Instrument ID:	NOEQUIP								

Lab Chronicle

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

Client Sample ID: SB-1-15.0-15.5

Lab Sample ID: 570-31117-10

Date Collected: 06/16/20 11:35
Date Received: 06/16/20 18:00

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	3545			20.3 g	10 mL	76533	06/19/20 10:57	F7UI	ECL 1
Total/NA	Analysis	8081A		1			77052	06/23/20 07:59	UHHN	ECL 1
	Instrument ID:	GC51								
Total/NA	Analysis	Moisture		1			75969	06/17/20 10:35	ULIN	ECL 1
	Instrument ID:	NOEQUIP								

Client Sample ID: SB-4-12.0

Lab Sample ID: 570-31117-11

Date Collected: 06/16/20 11:30
Date Received: 06/16/20 18:00

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	3050B			1.95 g	100 mL	78386	06/29/20 14:00	X7RL	ECL 1
Total/NA	Analysis	6010B		1			78518	06/30/20 09:57	ULPF	ECL 1
	Instrument ID:	ICP8								
Total/NA	Prep	7471A			.60 g	100 mL	78389	06/29/20 14:15	X7RL	ECL 1
Total/NA	Analysis	7471A		1			78569	06/30/20 11:36	MD3A	ECL 1
	Instrument ID:	HG8								
Total/NA	Analysis	Moisture		1			75969	06/17/20 10:35	ULIN	ECL 1
	Instrument ID:	NOEQUIP								

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494
ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Accreditation/Certification Summary

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

Laboratory: Eurofins Calscience LLC

All accreditations/certifications held by this laboratory are listed. Not all accreditations/certifications are applicable to this report.

Authority	Program	Identification Number	Expiration Date
California	Los Angeles County Sanitation Districts	10109	09-29-20
California	SCAQMD LAP	17LA0919	11-30-20
California	State	2944	09-29-20
Guam	State	20-003R	10-31-20
Nevada	State	CA00111	07-31-20
Oregon	NELAP	CA300001	01-29-21
USDA	US Federal Programs	P330-20-00034	02-10-23
Washington	State	C916-18	10-11-20

Method Summary

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

Method	Method Description	Protocol	Laboratory
8260B	Volatile Organic Compounds (GC/MS)	SW846	ECL 2
8270C	Semivolatile Organic Compounds (GC/MS)	SW846	ECL 1
8015B	Diesel Range Organics (DRO) (GC)	SW846	ECL 1
8081A	Organochlorine Pesticides (GC)	SW846	ECL 1
8082	Polychlorinated Biphenyls (PCBs) by Gas Chromatography	SW846	ECL 1
6010B	Metals (ICP)	SW846	ECL 1
7471A	Mercury (CVAA)	SW846	ECL 1
Moisture	Percent Moisture	EPA	ECL 1
3050B	Preparation, Metals	SW846	ECL 1
3545	Pressurized Fluid Extraction	SW846	ECL 1
3550C	Ultrasonic Extraction	SW846	ECL 1
5035	Closed System Purge and Trap	SW846	ECL 2
7471A	Preparation, Mercury	SW846	ECL 1

Protocol References:

EPA = US Environmental Protection Agency

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

Laboratory References:

ECL 1 = Eurofins Calscience LLC Lincoln, 7440 Lincoln Way, Garden Grove, CA 92841, TEL (714)895-5494

ECL 2 = Eurofins Calscience LLC Lampson, 7445 Lampson Ave, Garden Grove, CA 92841, TEL (714)895-5494

Sample Summary

Client: Bodhi Group Inc The
Project/Site: SCAS Santee

Job ID: 570-31117-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
570-31117-1	SB-3-3.0-7.0	Solid	06/16/20 08:55	06/16/20 18:00	
570-31117-2	SB-3-14.0-14.5	Solid	06/16/20 09:15	06/16/20 18:00	
570-31117-3	SB-5-3.0-7.0	Solid	06/16/20 09:40	06/16/20 18:00	
570-31117-4	SB-5-13.5-14.0	Solid	06/16/20 10:00	06/16/20 18:00	
570-31117-5	SB-4-3.0-6.0	Solid	06/16/20 10:25	06/16/20 18:00	
570-31117-6	SB-4-14.5-15.0	Solid	06/16/20 10:35	06/16/20 18:00	
570-31117-7	SB-2-5.0-8.0	Solid	06/16/20 10:50	06/16/20 18:00	
570-31117-8	SB-2-13.5-14.0	Solid	06/16/20 11:00	06/16/20 18:00	
570-31117-9	SB-1-2.5-5.5	Solid	06/16/20 11:20	06/16/20 18:00	
570-31117-10	SB-1-15.0-15.5	Solid	06/16/20 11:35	06/16/20 18:00	
570-31117-11	SB-4-12.0	Solid	06/16/20 11:30	06/16/20 18:00	

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7440 Lincoln Way, Garden Grove, CA 92841-1427 • (714) 895-5494
For courier service / sample drop off information, contact us26_sales@eurofinsus.com or call us.

570-31117 Chain of Custody

CHAIN OF CUSTODY RECORD 31117

DATE: 06/16/20

PAGE: 1 OF 2

LABORATORY CLIENT: The Bodhi Group

ADDRESS: 1076 Broadway, Suite B

CITY: El Cajon STATE: CA ZIP: 92021

TEL: 858-513-1469 E-MAIL: bcortright@thebodhigroup.com

SCAS Santee

P.O. NO.: 9140002

PROJECT CONTACT: Brianne Cortright

SAMPLER(S): (PRINT) BMC

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☑ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS: Hold samples for additional analysis ~~including~~

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	VOCs (8260B)	TPH C6-C44 (8015B)	Title 22 Metals (6010B/7471A)	SVOCs (8270C)	PCBs (8082)	OCPs (8081A)	Lead (6010/6020?)										
1	SB-3-3.0-7.0	6/16/20	0855	soil	7	X	X		X	X	X	X	X	X						Hold only for additional					
2	SB-3-14.0-14.5	6/16/20	0915		1									X											
3	SB-5-3.0-7.0		0940		7				X	X	X	X	X	X											
4	SB-5-13.5-14.0		1000		1									X											
5	SB-4-3.0-6.0		1025		6				X	X	~~X~~ BMC	X	X	X	X					Do not run metals please run lead					
6	SB-4-14.5-15.0		1035		1									X											
7	SB-2-5.0-8.0		1050		7				X	X	X	X	X	X											
8	SB-2-13.5-14.0		1100		1									X											
9	SB-1-2.5-5.5		1120		7				X	X	X	X	X	X											
10	SB-1-15.0-15.5		1135		1									X											

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
	ECI	06/16/2020	1425
	Chambell ECI	06/16/2020	18:00

3.6/3.2 SCU

06/02/14 Revision

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CHAIN OF CUSTODY RECORD

31117

WO # / LAB USE ONLY

DATE: 06/16/20

PAGE: 2 OF 2

LABORATORY CLIENT: The Bodhi Group

ADDRESS: 1076 Broadway, Suite B

CITY: El Cajon STATE: CA ZIP: 92021

TEL: 858-513-1469 E-MAIL: bcortright@thebodhigroup.com

CLIENT PROJECT NAME / NUMBER: SCAS Santee

P.O. NO.: 9140002

PROJECT CONTACT: Brianne Cortright

SAMPLER(S): (PRINT) BMC

TURNAROUND TIME (Rush surcharges may apply to any TAT not "STANDARD"):

☐ SAME DAY ☐ 24 HR ☐ 48 HR ☐ 72 HR ☐ 5 DAYS ☒ STANDARD

☐ COELT EDF GLOBAL ID: LOG CODE:

SPECIAL INSTRUCTIONS:

REQUESTED ANALYSES

Please check box or fill in blank as needed.

LAB USE ONLY	SAMPLE ID	SAMPLING DATE	SAMPLING TIME	MATRIX	NO. OF CONT.	Unpreserved	Preserved	Field Filtered	VOCs (8260B)	TPH C6-C44 (8015B)	Title 22 Metals (6010B/7471A)	SVOCs (8270C)	PCBs (8082)	OCPs (8081A)
11	SB-4-12.0	6/16/20	1130	soil	1	X					X			

Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:
	ECI	06/16/2020	1425
Relinquished by: (Signature)	Received by: (Signature/Affiliation) eei	Date: 06/16/2020	Time: 18:00
Relinquished by: (Signature)	Received by: (Signature/Affiliation)	Date:	Time:

06/02/14 Revision

Login Sample Receipt Checklist

Client: Bodhi Group Inc The

Job Number: 570-31117-1

Login Number: 31117
List Number: 1
Creator: Ramos, Maribel

List Source: Eurofins Calscience

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	