Additional Phase II Soil Sampling for SVOC and Metal Constituents

516 West Cora Avenue
Spokane, Washington

Prepared for
4-Degrees Real Estate, Inc.

SES PROJECT NO. 1810-002

3810 East Boone Avenue, Suite 101
Spokane, Washington 99212
509.688.5376

March 4, 2025

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PROJECT INFORMATION

Site Name/Location:	516 West Cora Avenue Spokane, Washington
Sampling Date:	February 6, 2025
Site Owner:	4-Degrees Real Estate, Inc
Contractor:	Spokane Environmental Solutions, LLC 3810 East Boone Avenue, Suite 101 Spokane, Washington 99212 (509) 688-5376
SES Project Manager:	Gary D. Panther, LG, LEG, Environmental Geologist: (509) 954-5090
SES Project No.:	1810-002

SITE BACKGROUND

INTRODUCTION

This report documents findings of the Additional Environmental Sampling performed by Spokane Environmental Solutions, LLC (SES) on behalf of 4-Degrees Real Estate, Inc. The investigation activities described in this report were conducted at the Site located in the city of Spokane, Spokane County, Parcel No. 35064.3614 in Spokane, Washington, about 1.5 miles northeast of the Spokane River. The Site is approximately 4.71 acres in size and is bounded on the north by a steep upward escarpment and by West Cora Avenue on the south, as shown on **Figure 1**.

This site is currently vacant, and is to be developed as an apartment complex. A recent Phase I Environmental Site Assessment (ESA) conducted by others determined that tires located near the northeastern portion of the Site presented a Recognized Environmental Condition (REC) to the Site, and SES conducted a limited Phase II ESA to determine if contaminants of concern have adversely impacted shallow soil near the northeastern portion of the site. The results of this sampling event indicated that soil was adversely impacted by metals (arsenic, and lead) and carcinogenic polycyclic aromatic hydrocarbons (cPAHs) in excess of applicable cleanup standards for unrestricted site use and further assessment was warranted to determine the areal extent of impact and to provide an order of magnitude estimate for remediation that would be required prior to construction.

PURPOSE AND OBJECTIVES

The purpose of this site assessment is to determine the extent of soil impact and to provide a basis for site remediation, and an order of magnitude estimate of impacted soil and to determine an expedited path for site closure with the Washington Department of Ecology (Ecology) which would not require a site covenant.

To this end, we provided a Sampling and Analysis Plan (SAP) which was incorporated into our Proposal. It included soil sampling and analytical procedures, field documentation, waste management, sample handling and observance of chain of custody protocol for this project.

The site and sample locations are shown on **Figure 2**. This report describes sampling procedures, sampling observations, and analytical laboratory data results for soil samples collected during assessment activities.

SCOPE OF WORK

SES completed the following scope of work to evaluate subsurface environmental conditions across the site and to further delineate the area(s) of impact:

1. Updated our site-specific health and safety plan to guide SES personnel while onsite.

2. Contacted the One-Call utility locating service to locate public and private utilities to locate each sample location.
3. Mobilized a mini excavator to dig test pits for sampling purposes and backfill when complete.
4. SES completed 12 test pits across the Site to complement the locations previously explored.
5. Collected two soil samples from each sample location (one sample from 0 to 5 feet below site grade bgs and a second sample from 5 to 10 feet bgs. Each sample was screened for potential petroleum hydrocarbon contamination using field-screening methods including visual/olfactory methods and water sheen.
7. Submitted soil samples to Eurofins' Laboratory of Spokane, Washington, for analysis of SVOCs by EPA Method 8270. The metals arsenic, cadmium and lead were analyzed by EPA Method 6010.
7. Prepared a report which compared soil analytical results to Ecology's Model Toxics Control Act (MTCA) Method A cleanup criterion for unrestricted land use. Values were also compared to Method B values when a Method A value was not defined.

GENERAL SITE INFORMATION

SITE DESCRIPTION

The Site is currently vacant and construction of an apartment complex is pending.

The site is situated approximately 1.5 miles northeast of the Spokane River. The local elevation is approximately 1,938 feet above mean sea level. Figure 1 provides the location of the site and topographic information relative to the site.

GEOLOGY AND HYDROGEOLOGY

In general, soil on site was observed to be SAND with fine gravel (SP) in the areas explored. It was our opinion that this soil is imported fill.

Our understanding of the geologic setting of the site was developed by review of the 2023 Phase I Environmental Site Assessment conducted by others and from our professional experience in the area. This site geology consists of Pleistocene glacial flood-channel deposits, predominantly sands and gravel. Depth to groundwater is approximately 70-75 feet bgs based on a review of local well logs. Hydraulic gradient is unknown and is inferred to be northerly.

SUBSURFACE INVESTIGATION

This section describes sample collection methods and field observations from the investigations completed on February 6, 2025. Mr. Gary D. Panther, an environmental geologist collected the samples for chemical analysis. SES personnel utilized a CAT 305E mini excavator to dig test pits and collect soil samples. The sampling was conducted with one mobilization to the site.

UTILITY CLEARANCE

Prior to excavation activities, the One-Call utility locating service was notified.

SOIL SAMPLE LOCATIONS

Twenty-four composite soil samples were collected from 12 test pits. One composite sample was collected from each excavation from 0 to 5-feet in depth (TP-X-4) and one was collected from 5-feet to terminal depth (TP-X-8). Test Pit locations are shown on **Figure 2.**

FIELD SAMPLING METHODOLOGY

Soil samples were regularly field screened for the presence of petroleum hydrocarbons by visual/olfactory methods and water sheen testing. We did not detect the obvious presence of petroleum hydrocarbons in the samples screened. Photographs of each test pit are included in **Attachment A.**

Following collection, soil samples were placed into appropriate sample containers, tightly sealed, uniquely labeled, and transported to the laboratory. The samples were submitted to Eurofin's Analytical Laboratory in Spokane Valley, Washington the same day as collected. Chain-of-custody procedures were followed from sample collection to sample analysis. Copies of the laboratory analytical reports and chain-of-custody documents are included in **Attachment B**.

ANALYTICAL LABORATORY RESULTS

SOIL SAMPLING RESULTS

Metals

Of the 24 soil samples analyzed, only sample TP-10-8 exceeded MTCA Method A cleanup criteria for arsenic. The remaining samples were below action levels for arsenic, cadmium and lead. Soil analytical results for this assessment, and the previous assessment are shown on **Table 1.**

cPAHs

For cancer-causing polycyclic aromatic hydrocarbons (cPAHs), compliance with MTCA Method A criterion is determined using varying toxicity values for each of the compounds, and is referred to as the Toxicity Equivalency Factor (TEF) equation. For this project's assessment, only samples TP-10-8, TP-17-4 and TP-18-8 exceed the TEF value for unrestricted land use. Copies of the TEF worksheets are provided in **Table 2**.

SVOCs

Concentrations of SVOCs in the remaining samples were not detected at concentrations exceeding their individual cleanup values. Therefore, SVOCs do not present an environmental risk to the site, at the locations sampled, in our opinion.

DISCUSSION

Groundwater was not encountered during either assessment and, in our opinion, it is unlikely that groundwater has been impacted as a result of historic site operations due the depth associated with groundwater in the general vicinity.

Analytical results for three of the 24 samples collected during this event indicate that soil impact is generally observed near the north and central portion of the site. Given the observed frequency and distribution, it appears that soil impact is limited and would be most effectively and efficiently addressed by spot-cleanups at the location and depths shown on **Figure 2**.

SES has evaluated the location and depths where impacted soil has been observed and we estimate that approximately 1500 cubic yards (cy) of overburden would need to be Excavated and stockpiled to be able to effectively remove approximately 3000 cy of impacted soil, as defined by SES's ESA work to date. These numbers are preliminary and are based on knowledge at hand.

CONCLUSIONS

Based on field observations and analytical results, of the 36 soil samples submitted for analysis, concentrations of SVOCs did not exceed MTCA Method A cleanup values in the locations explored by SES. The following exceedances were noted:

Lead was observed in two sample at a concentration exceeding MTCA Method A cleanup criteria, however, the value was well below the industrial cleanup value in samples TP-4-8 and TP-5-4.

Arsenic exceeding Method A unrestricted criteria was observed in one sample (TP-10-8). The concentration was below the Method B Direct Contact cleanup value.

CPAHs were observed in five samples (TP-2-4, TP-3-4, TP-10-8, TP-17-4 and TP-18-8).

In closing, the impacts noted are withing values that might be expected for a site which has been previously developed and in our professional opinion, does not present an insurmountable remediation challenge. Targeted excavation and confirmation sampling from the limits of those excavation will ensure the site is safe for redevelopment and is in compliance with applicable environmental regulations.

LIMITATIONS

The findings and conclusions documented in this report have been prepared for specific application to this project and have been developed in a manner consistent with the level of care and skill normally exercised by members of the environmental science profession currently practicing under similar conditions in the area. No other warranty, express or implied, is made.

The findings presented in this report are based on conditions observed at specific site locations and sampling intervals at the time of the assessment. Because conditions between the sample locations and sampling intervals may vary over distance and time, the potential always remains for the presence of unknown, unidentified, unforeseen, or changed surface and subsurface contamination. Conclusions in this report are based on comparison of chemical analytical results to current regulatory standards.

This report is for the exclusive use of 4-Degrees Real Estate, LLC and their representatives. No third party shall have the right to rely on SES' opinions rendered in connection with the services or in this document without our written consent and the third party's agreement to be bound to the same conditions and limitations as 4-Degrees Real Estate, LLC.

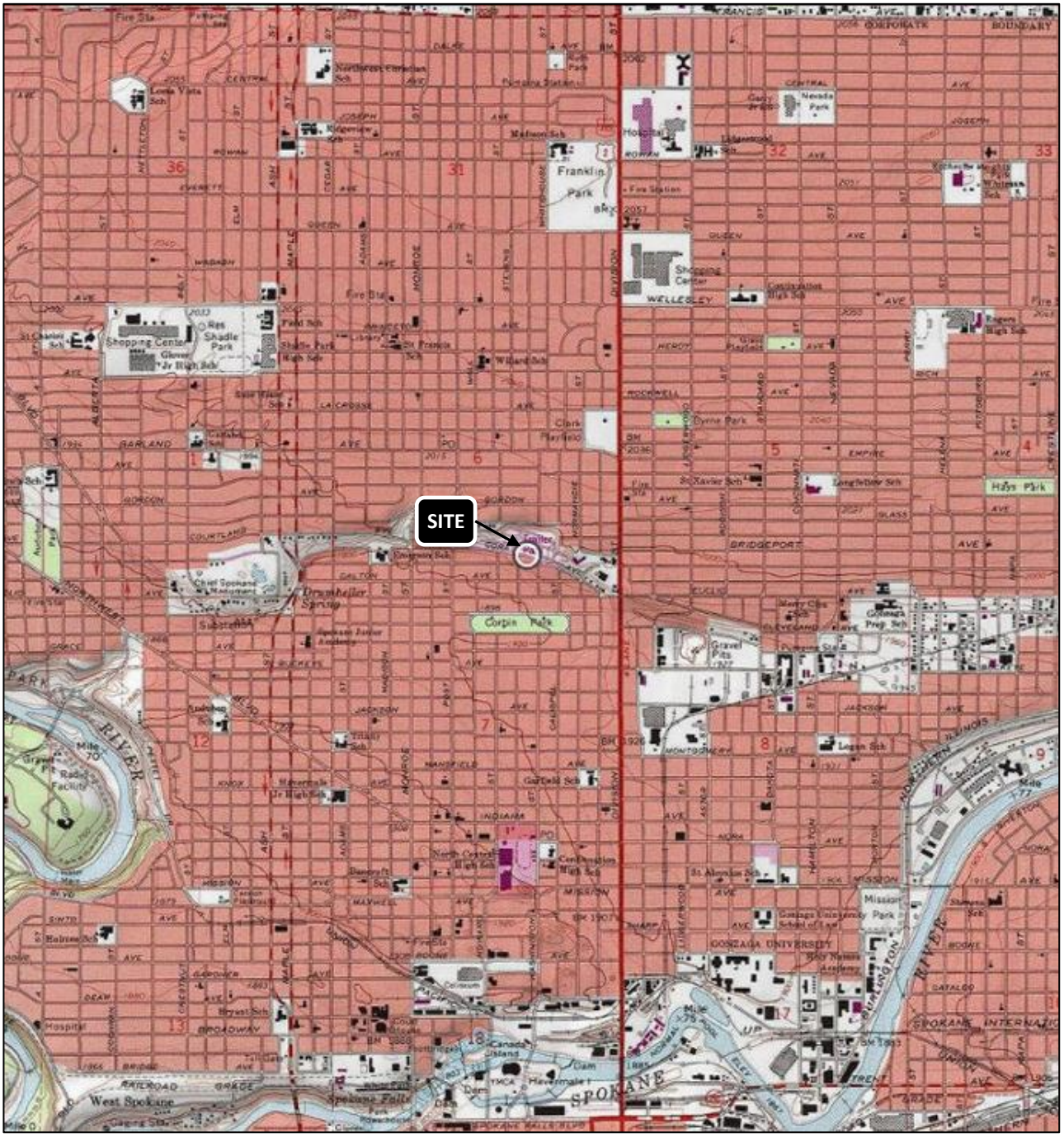
SES appreciates the opportunity to provide these services. Please contact the undersigned regarding any questions related to the information provided in this letter report.

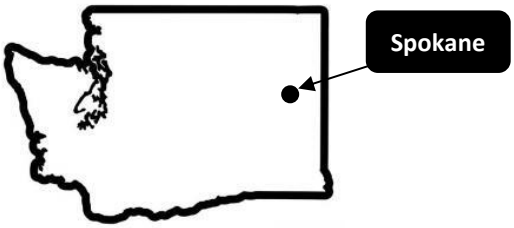
Sincerely,

SES

Gary D. Panther, LG, LEG
Sr. Project Manager

FIGURES





0 0.25 0.5 1 mi

0 0.42 0.85 1.7 km

N W E S

Not to Scale

Vicinity Map

Additional Phase II ESA 516 W. Cora Ave.	Spokane, WA

Spokane Environmental Solutions

Figure 1

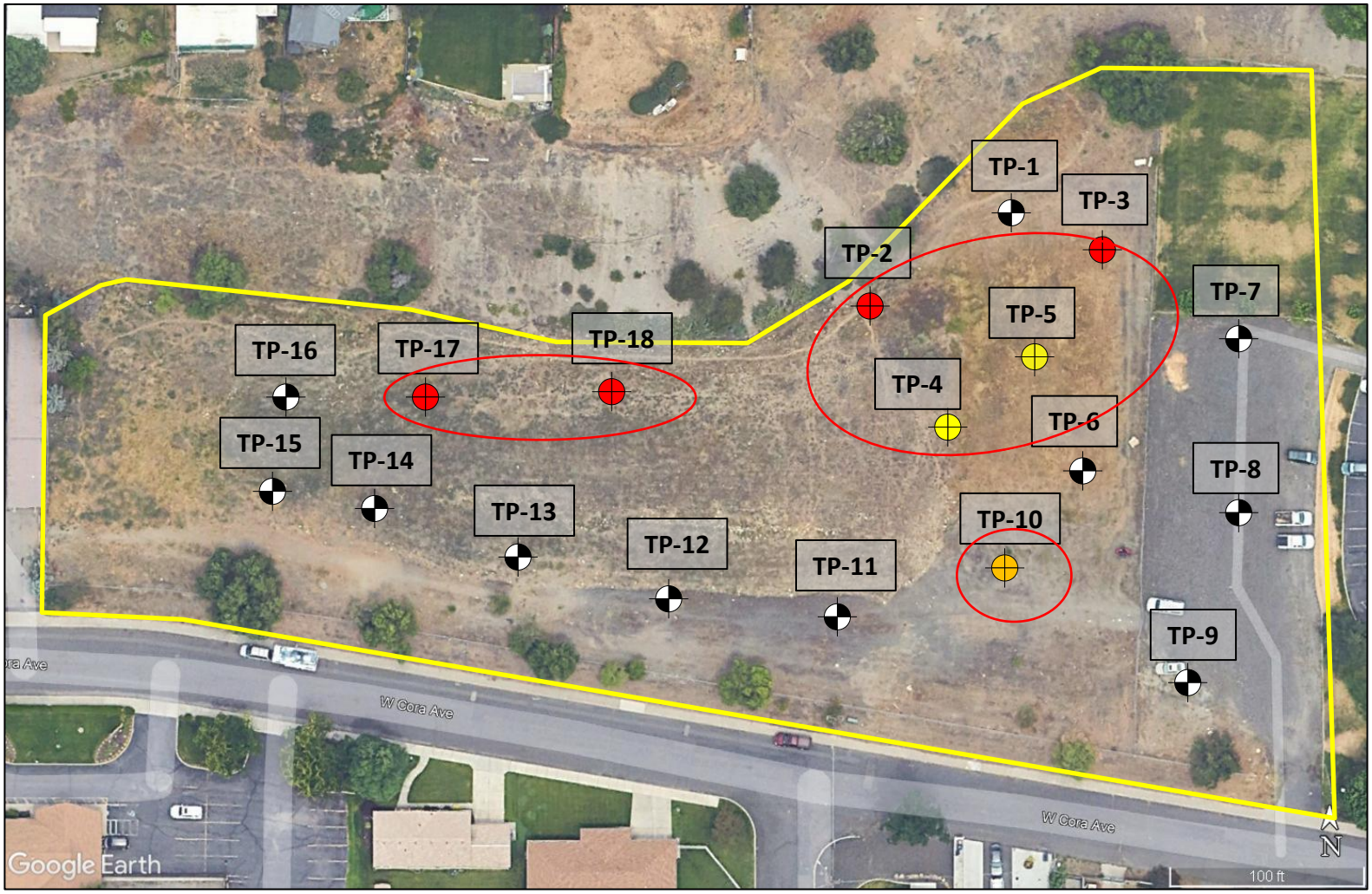
Notes:

1. Location of all features on map are approximate.
2. This drawing is for information purposes. It is intended to assist in showing features discussed in an attached document. Spokane Environmental Solutions, LLC cannot guarantee the accuracy and content of electronic files. The master file is stored by Spokane Environmental Solutions, LLC and will serve as the official record of this communication.

Data Source: Image from ESRI Online

Date Created: 1/13/2025

1810-001 Date Exported: 1/13/2025



Legend

Parcel Outline

Estimated Area of Impact

Notes: Exceeds cPAHs Exceeds for Metals and cPAHs Exceeds Metals

1. Location of all features on map are approximate.
2. This drawing is for information purposes. It is intended to support descriptions of features discussed in an associated document. Spokane Environmental Solutions, LLC cannot guarantee the accuracy and content of electronic files. The master file is stored by Spokane Environmental Solutions, LLC and will serve as the official record of this communication.

N W E S

Not to Scale

Data Source: Image from Google Earth

Date Created: 2/14/2025

Test Pit Map

Additional Phase II ESA
516 W. Cora Ave.

Spokane, WA

Spokane Environmental Solutions

Figure 2

1810-002 Date Exported: 2/14/2025

TABLES

Table 1 - Soil Analytical Data
Limited Environmental Site Assessment
516 W. Cora Avenue
Spokane, Washington

Sample ID	Sample Type	Sample Date	Arsenic mg/Kg	Cadmium mg/Kg	Lead mg/Kg	cPAHs Exceed TEF	1,2,4-Trichlorobenzene	Acenaphthene	Acenaphthylene	Anthracene	Benzo[g,h,i]perylene	Bis(2-ethylhexyl) phthalate	Butyl benzyl phthalate	Diethyl phthalate	Dimethyl phthalate	Di-n-butyl phthalate	Di-n-octyl phthalate	Fluoranthene	Fluorene	Naphthalene	Phenanthrene	Phenol	Pyrene
Ecology MTCA Method A Soil Cleanup Level (mg/Kg)			20	2.0	250	Y/N	34	4800	24000	24000	NA	71	530	64000	2.80	8000	800	3200	3200	5.00	NA	24000	2400
TP-1-4	C	1/10/25	13	0.69	190	N	<0.0061	<0.0046	<0.0051	<0.016	0.048	0.097	<0.052	<0.022	<0.0051	0.049	<0.090	0.029	<0.0051	0.054	0.018	<0.023	0.024
TP-1-8	C	1/10/25	7.2	<0.43	30	N	<0.0062	<0.0048	<0.0052	<0.017	0.049	0.12	<0.053	<0.0023	<0.0052	<0.049	<0.092	0.063	<0.0052	0.025	0.059	<0.024	0.054
TP-2-4	C	1/10/25	14	<0.40	99	**Y**	<0.0063	0.48	<0.0053	0.24	0.053	0.22	<0.054	<0.023	<0.0053	<0.049	<0.094	1.1	0.43	0.15	2.0	<0.024	0.7
TP-2-8	C	1/10/25	9.0	0.72	130	N	<0.0059	<0.0046	<0.0050	<0.016	0.039	0.091	<0.051	<0.022	<0.0050	0.06	<0.088	0.04	<0.005	0.024	0.022	<0.023	0.039
TP-3-4	C	1/10/25	11	<0.37	12	**Y**	<0.0061	<0.0046	<0.0050	0.02	0.16	<0.072	<0.051	<0.022	<0.0050	0.053	<0.090	0.54	<0.005	<0.005	0.065	<0.023	0.48
TP-3-8	C	1/10/25	16	0.60	100	N	<0.0058	<0.0044	<0.0048	<0.015	<0.017	<0.068	<0.068	<0.021	<0.0048	<0.045	<0.086	<0.012	<0.0048	<0.0048	<0.0056	<0.022	<0.013
TP-4-4	C	1/10/25	13	0.40	80	N	<0.0066	<0.005	<0.0055	<0.018	<0.020	0.093	<0.056	<0.024	<0.0055	<0.052	<0.098	0.032	<0.0055	0.0093	0.012	<0.025	0.03
TP-4-8	C	1/10/25	14	0.71	**300**	N	<0.0063	0.0082	<0.0052	0.017	0.041	0.085	0.088	<0.0023	<0.0052	<0.049	<0.093	0.054	0.0063	<0.0052	0.033	<0.024	0.049
TP-5-4	C	1/10/25	10	<0.48	**260**	N	Only cPAH reported.																
TP-5-8	C	1/10/25	10	0.40	78	N	<0.0060	<0.0046	<0.005	<0.016	0.042	0.093	<0.051	<0.022	<0.0050	0.054	<0.089	0.04	<0.005	0.011	0.18	<0.023	0.41
TP-6-4	C	1/10/25	**13**	1.5 J	230	N	Only cPAH reported.																
TP-6-8	C	1/10/25	<3.8	<0.45	<11	N	<0.0063	<0.0048	<0.0053	<0.017	0.049	0.092	<0.054	<0.023	<0.0053	<0.049	<0.094	0.041	<0.0053	0.014	0.017	<0.024	0.039
TP-7-4	C	2/6/25	8.6	<0.38	20	N																	
TP-7-8	C	2/6/25	13	<0.51	16 J	N																	
TP-8-4	C	2/6/25	9.1	<0.43	74	N																	
TP-8-8	C	2/6/25	9.4	<0.41	150	N																	
TP-9-4	C	2/6/25	7.0 J	<0.40	26	N																	
TP-9-8	C	2/6/25	8.6 J	<0.42	<10	N																	
TP-10-4	C	2/6/25	6.9 J	<0.39	66	N																	
TP-10-8	C	2/6/25	**37**	<0.43	70	**Y**					These SVOC compounds are not reported as they do not exceed cleanup values. Attachment A contains analytical reports where this data can be found.												
TP-11-4	C	2/6/25	10	<0.46	33	N							Table 2 provides cPAH TEF calculations based on analytical data collected during both assements.										
TP-11-8	C	2/6/25	7.8 J	<0.40	27	N																	
TP-12-4	C	2/6/25	15	<0.45	<23	N																	
TP-12-8	C	2/6/25	16	<0.47	<24	N																	
TP-13-4	C	2/6/25	9.5	<0.42	<22	N																	
TP-13-8	C	2/6/25	9.6 J	<0.47	<24	N																	
TP-14-4	C	2/6/25	1.1	<0.046	1.6 J	N																	
TP-14-8	C	2/6/25	13	<0.47	22 J	N																	
TP-15-4	C	2/6/25	11	<0.43	47	N																	
TP-15-8	C	2/6/25	10	<0.42	<10	N																	
TP-16-4	C	2/6/25	14	<0.47	67	N																	
TP-16-8	C	2/6/25	12	<0.44	55	N																	
TP-17-4	C	2/6/25	8.5 J	<0.47	110	**Y**																	
TP-17-8	C	2/6/25	8.2 J	<0.43	93	N																	
TP-18-4	C	2/6/25	6.0 J	<0.43	44	N																	
TP-18-8	C	2/6/25	11	0.56 J	150	**Y**																	

Notes:

Units in milligrams per kilogram (mg/Kg) or micrograms per kilogram (ug/Kg)
bold = Analyte detected above MTCA Method A cleanup criteria.
< = Analyte not detected at or above the Method Reporting Limit (MRL) and/or Method Detection Limit (MDL)
= Indicates a detection in excess of the MTCA Method A Soil Cleanup Level. Method B value used when Method A value not established.
-- = not analyzed or not applicable
ID = Identification
MTCA = Model Toxics Control Act
NE = Not Established
Sample Type: G = Grab. C = Composite
cPAH compliance determined through TEF Calculations. Individual TEF Calculation are Shown on Table 2.
Cleanup values as reported in CLARC, January 2025 update.

Toxicity Equivalency Factor Calculations

TP-1-4 1/10/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (mg/kg)	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		0.043	1	0.043	
Benzo(a)anthracene		0.02	0.1	0.002	
Benzo(b)fluoranthene		0.028	0.1	0.0028	
Benzo(k)fluoranthene		0.0305	0.1	0.00305	
Chrysene		0.021	0.01	0.00021	
Dibenzo(a,h)anthracene		0.055	0.1	0.0055	
Indeno(1,2,3-cd)pyrene		0.026	0.1	0.0026	
Sum	**0.1**			**0.059**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Toxicity Equivalency Factor Calculations

TP-1-8 1/10/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (mg/kg)	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		0.072	1	0.072	
Benzo(a)anthracene		0.035	0.1	0.0035	
Benzo(b)fluoranthene		0.058	0.1	0.0058	
Benzo(k)fluoranthene		0.029	0.1	0.0029	
Chrysene		0.049	0.01	0.00049	
Dibenzo(a,h)anthracene		0.055	0.1	0.0055	
Indeno(1,2,3-cd)pyrene		0.045	0.1	0.0045	
Sum	**0.1**			**0.095**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Toxicity Equivalency Factor Calculations

TP-2-4 1/10/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (mg/kg)	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		0.079	1	0.079	
Benzo(a)anthracene		0.2	0.1	0.02	
Benzo(b)fluoranthene		0.11	0.1	0.011	
Benzo(k)fluoranthene		0.0315	0.1	0.00315	
Chrysene		0.19	0.01	0.0019	
Dibenzo(a,h)anthracene		0.055	0.1	0.0055	
Indeno(1,2,3-cd)pyrene		0.033	0.1	0.0033	
Sum	**0.1**			**0.124**	**Fail**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Toxicity Equivalency Factor Calculations

TP-2-8 1/10/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (mg/kg)	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		0.046	1	0.046	
Benzo(a)anthracene		0.025	0.1	0.0025	
Benzo(b)fluoranthene		0.022	0.1	0.0022	
Benzo(k)fluoranthene		0.0295	0.1	0.00295	
Chrysene		0.02	0.01	0.0002	
Dibenzo(a,h)anthracene		0.05	0.1	0.005	
Indeno(1,2,3-cd)pyrene		0.023	0.1	0.0023	
Sum	**0.1**			**0.061**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Toxicity Equivalency Factor Calculations

TP-3-4 1/10/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (mg/kg)	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		0.24	1	0.24	
Benzo(a)anthracene		0.42	0.1	0.042	
Benzo(b)fluoranthene		0.45	0.1	0.045	
Benzo(k)fluoranthene		0.14	0.1	0.014	
Chrysene		0.41	0.01	0.0041	
Dibenzo(a,h)anthracene		0.07	0.1	0.007	
Indeno(1,2,3-cd)pyrene		0.16	0.1	0.016	
Sum	**0.1**			**0.368**	**Fail**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Toxicity Equivalency Factor Calculations

TP-3-8 1/10/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (mg/kg)	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		0.05	1	0.05	
Benzo(a)anthracene		0.0195	0.1	0.00195	
Benzo(b)fluoranthene		0.0195	0.1	0.00195	
Benzo(k)fluoranthene		0.029	0.1	0.0029	
Chrysene		0.029	0.01	0.00029	
Dibenzo(a,h)anthracene		0.05	0.1	0.005	
Indeno(1,2,3-cd)pyrene		0.0195	0.1	0.00195	
Sum	**0.1**			**0.064**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Toxicity Equivalency Factor Calculations

TP-4-4 1/10/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (mg/kg)	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		0.049	1	0.049	
Benzo(a)anthracene		0.02	0.1	0.002	
Benzo(b)fluoranthene		0.028	0.1	0.0028	
Benzo(k)fluoranthene		0.033	0.1	0.0033	
Chrysene		0.02	0.01	0.0002	
Dibenzo(a,h)anthracene		0.06	0.1	0.006	
Indeno(1,2,3-cd)pyrene		0.024	0.1	0.0024	
Sum	**0.1**			**0.066**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Toxicity Equivalency Factor Calculations

TP-4-8 1/10/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (mg/kg)	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		0.052	1	0.052	
Benzo(a)anthracene		0.029	0.1	0.0029	
Benzo(b)fluoranthene		0.031	0.1	0.0031	
Benzo(k)fluoranthene		0.0315	0.1	0.00315	
Chrysene		0.022	0.01	0.00022	
Dibenzo(a,h)anthracene		0.055	0.1	0.0055	
Indeno(1,2,3-cd)pyrene		0.025	0.1	0.0025	
Sum	**0.1**			**0.069**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Toxicity Equivalency Factor Calculations

TP-5-4 1/10/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (mg/kg)	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		0.031	1	0.031	
Benzo(a)anthracene		0.019	0.1	0.0019	
Benzo(b)fluoranthene		0.024	0.1	0.0024	
Benzo(k)fluoranthene		0.012	0.1	0.0012	
Chrysene		0.028	0.01	0.00028	
Dibenzo(a,h)anthracene		0.0056	0.1	0.00056	
Indeno(1,2,3-cd)pyrene		0.011	0.1	0.0011	
Sum	**0.1**			**0.038**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Sample analyzed out of hold time.

Toxicity Equivalency Factor Calculations

TP-5-8 1/10/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (mg/kg)	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		0.049	1	0.049	
Benzo(a)anthracene		0.027	0.1	0.0027	
Benzo(b)fluoranthene		0.032	0.1	0.0032	
Benzo(k)fluoranthene		0.03	0.1	0.003	
Chrysene		0.025	0.01	0.00025	
Dibenzo(a,h)anthracene		0.055	0.1	0.0055	
Indeno(1,2,3-cd)pyrene		0.024	0.1	0.0024	
Sum	**0.1**			**0.066**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Toxicity Equivalency Factor Calculations

TP-6-4 1/10/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (mg/kg)	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		0.034	1	0.034	
Benzo(a)anthracene		0.042	0.1	0.0042	
Benzo(b)fluoranthene		0.036	0.1	0.0036	
Benzo(k)fluoranthene		0.02	0.1	0.002	
Chrysene		0.04	0.01	0.0004	
Dibenzo(a,h)anthracene		0.0055	0.1	0.00055	
Indeno(1,2,3-cd)pyrene		0.015	0.1	0.0015	
Sum	**0.1**			**0.046**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Sample analyzed out of hold time.

Toxicity Equivalency Factor Calculations

TP-6-8 1/10/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (mg/kg)	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		0.05	1	0.05	
Benzo(a)anthracene		0.028	0.1	0.0028	
Benzo(b)fluoranthene		0.028	0.1	0.0028	
Benzo(k)fluoranthene		0.0315	0.1	0.00315	
Chrysene		0.023	0.01	0.00023	
Dibenzo(a,h)anthracene		0.055	0.1	0.0055	
Indeno(1,2,3-cd)pyrene		0.027	0.1	0.0027	
Sum	**0.1**			**0.067**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Toxicity Equivalency Factor Calculations

TP-7-4 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		4.6	0.0046	1	0.0046	
Benzo(a)anthracene		3.4	0.0034	0.1	0.00034	
Benzo(b)fluoranthene		5.8	0.0058	0.1	0.00058	
Benzo(k)fluoranthene		3.4	0.0034	0.1	0.00034	
Chrysene		4.7	0.0047	0.01	0.000047	
Dibenzo(a,h)anthracene		6.8	0.0068	0.1	0.00068	
Indeno(1,2,3-cd)pyrene		4.1	0.0041	0.1	0.00041	
Sum	**0.1**				**0.007**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-7-8 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		4.4	0.0044	1	0.0044	
Benzo(a)anthracene		4.1	0.0041	0.1	0.00041	
Benzo(b)fluoranthene		4.8	0.0048	0.1	0.00048	
Benzo(k)fluoranthene		4.1	0.0041	0.1	0.00041	
Chrysene		4.1	0.0041	0.01	0.000041	
Dibenzo(a,h)anthracene		8.1	0.0081	0.1	0.00081	
Indeno(1,2,3-cd)pyrene		4.9	0.0049	0.1	0.00049	
Sum	**0.1**				**0.007**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-8-4 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		36	0.036	1	0.036	
Benzo(a)anthracene		26	0.026	0.1	0.0026	
Benzo(b)fluoranthene		40	0.04	0.1	0.004	
Benzo(k)fluoranthene		14	0.014	0.1	0.0014	
Chrysene		36	0.036	0.01	0.00036	
Dibenzo(a,h)anthracene		8.1	0.0081	0.1	0.00081	
Indeno(1,2,3-cd)pyrene		23	0.023	0.1	0.0023	
Sum	**0.1**				**0.047**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-8-8 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		8.9	0.0089	1	0.0089	
Benzo(a)anthracene		5.9	0.0059	0.1	0.00059	
Benzo(b)fluoranthene		7.4	0.0074	0.1	0.00074	
Benzo(k)fluoranthene		3.6	0.0036	0.1	0.00036	
Chrysene		12	0.012	0.01	0.00012	
Dibenzo(a,h)anthracene		7	0.007	0.1	0.0007	
Indeno(1,2,3-cd)pyrene		4.3	0.0043	0.1	0.00043	
Sum	**0.1**				**0.012**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-9-4 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)
Benzo(a)pyrene		7.2	0.0072	1	0.0072
Benzo(a)anthracene		5.7	0.0057	0.1	0.00057
Benzo(b)fluoranthene		8.2	0.0082	0.1	0.00082
Benzo(k)fluoranthene		4.9	0.0049	0.1	0.00049
Chrysene		6.9	0.0069	0.01	0.000069
Dibenzo(a,h)anthracene		6.9	0.0069	0.1	0.00069
Indeno(1,2,3-cd)pyrene		7.5	0.0075	0.1	0.00075
Sum	**0.1**				**0.011 Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-9-8 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		3.4	0.0034	1	0.0034	
Benzo(a)anthracene		3.4	0.0034	0.1	0.00034	
Benzo(b)fluoranthene		3.4	0.0034	0.1	0.00034	
Benzo(k)fluoranthene		3.4	0.0034	0.1	0.00034	
Chrysene		3.4	0.0034	0.01	0.000034	
Dibenzo(a,h)anthracene		6.8	0.0068	0.1	0.00068	
Indeno(1,2,3-cd)pyrene		4.1	0.0041	0.1	0.00041	
Sum	**0.1**				**0.006**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-10-4 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (unitless	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		13	0.013	1	0.013	
Benzo(a)anthracene		12	0.012	0.1	0.0012	
Benzo(b)fluoranthene		15	0.015	0.1	0.0015	
Benzo(k)fluoranthene		6	0.006	0.1	0.0006	
Chrysene		14	0.014	0.01	0.00014	
Dibenzo(a,h)anthracene		6.9	0.0069	0.1	0.00069	
Indeno(1,2,3-cd)pyrene		9.5	0.0095	0.1	0.00095	
Sum	**0.1**				**0.018**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-10-8 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		3.7	0.0037	1	0.0037	
Benzo(a)anthracene		3.5	0.0035	0.1	0.00035	
Benzo(b)fluoranthene		4.6	0.0046	0.1	0.00046	
Benzo(k)fluoranthene		3.5	0.0035	0.1	0.00035	
Chrysene		4.8	0.0048	0.01	0.000048	
Dibenzo(a,h)anthracene		7	0.007	0.1	0.0007	
Indeno(1,2,3-cd)pyrene		4.2	0.0042	0.1	0.00042	
Sum	**0.1**				**0.006**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-11-4 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (unitless	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		25	0.025	1	0.025	
Benzo(a)anthracene		22	0.022	0.1	0.0022	
Benzo(b)fluoranthene		25	0.025	0.1	0.0025	
Benzo(k)fluoranthene		11	0.011	0.1	0.0011	
Chrysene		25	0.025	0.01	0.00025	
Dibenzo(a,h)anthracene		6.9	0.0069	0.1	0.00069	
Indeno(1,2,3-cd)pyrene		15	0.015	0.1	0.0015	
Sum	**0.1**				**0.033**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-11-8 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)
Benzo(a)pyrene		7.8	0.0078	1	0.0078
Benzo(a)anthracene		6.2	0.0062	0.1	0.00062
Benzo(b)fluoranthene		8.5	0.0085	0.1	0.00085
Benzo(k)fluoranthene		3.8	0.0038	0.1	0.00038
Chrysene		7	0.007	0.01	0.00007
Dibenzo(a,h)anthracene		6.8	0.0068	0.1	0.00068
Indeno(1,2,3-cd)pyrene		5.4	0.0054	0.1	0.00054
Sum	**0.1**				**0.011 Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-12-4 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (unitless	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		3.4	0.0034	1	0.0034	
Benzo(a)anthracene		3.4	0.0034	0.1	0.00034	
Benzo(b)fluoranthene		3.4	0.0034	0.1	0.00034	
Benzo(k)fluoranthene		3.4	0.0034	0.1	0.00034	
Chrysene		3.4	0.0034	0.01	0.000034	
Dibenzo(a,h)anthracene		6.7	0.0067	0.1	0.00067	
Indeno(1,2,3-cd)pyrene		4	0.004	0.1	0.0004	
Sum	**0.1**				**0.006**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-12-8 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		3.4	0.0034	1	0.0034	
Benzo(a)anthracene		3.4	0.0034	0.1	0.00034	
Benzo(b)fluoranthene		3.4	0.0034	0.1	0.00034	
Benzo(k)fluoranthene		3.4	0.0034	0.1	0.00034	
Chrysene		3.4	0.0034	0.01	0.000034	
Dibenzo(a,h)anthracene		6.8	0.0068	0.1	0.00068	
Indeno(1,2,3-cd)pyrene		4.1	0.0041	0.1	0.00041	
Sum	**0.1**				**0.006**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-13-4 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (unitless	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		14	0.014	1	0.014	
Benzo(a)anthracene		11	0.011	0.1	0.0011	
Benzo(b)fluoranthene		12	0.012	0.1	0.0012	
Benzo(k)fluoranthene		12	0.012	0.1	0.0012	
Chrysene		15	0.015	0.01	0.00015	
Dibenzo(a,h)anthracene		6.8	0.0068	0.1	0.00068	
Indeno(1,2,3-cd)pyrene		8.1	0.0081	0.1	0.00081	
Sum	**0.1**				**0.019**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-13-8 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		3.7	0.0037	1	0.0037	
Benzo(a)anthracene		3.4	0.0034	0.1	0.00034	
Benzo(b)fluoranthene		3.9	0.0039	0.1	0.00039	
Benzo(k)fluoranthene		3.4	0.0034	0.1	0.00034	
Chrysene		3.4	0.0034	0.01	0.000034	
Dibenzo(a,h)anthracene		6.8	0.0068	0.1	0.00068	
Indeno(1,2,3-cd)pyrene		4.1	0.0041	0.1	0.00041	
Sum	**0.1**				**0.006**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-14-4 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (unitless	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		34	0.034	1	0.034	
Benzo(a)anthracene		34	0.034	0.1	0.0034	
Benzo(b)fluoranthene		34	0.034	0.1	0.0034	
Benzo(k)fluoranthene		34	0.034	0.1	0.0034	
Chrysene		34	0.034	0.01	0.00034	
Dibenzo(a,h)anthracene		68	0.068	0.1	0.0068	
Indeno(1,2,3-cd)pyrene		41	0.041	0.1	0.0041	
Sum	**0.1**				**0.055**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-14-8 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		12	0.012	1	0.012	
Benzo(a)anthracene		6.7	0.0067	0.1	0.00067	
Benzo(b)fluoranthene		11	0.011	0.1	0.0011	
Benzo(k)fluoranthene		5.1	0.0051	0.1	0.00051	
Chrysene		11	0.011	0.01	0.00011	
Dibenzo(a,h)anthracene		6.9	0.0069	0.1	0.00069	
Indeno(1,2,3-cd)pyrene		4.1	0.0041	0.1	0.00041	
Sum	**0.1**				**0.015**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-15-4 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (unitless	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		7.8	0.0078	1	0.0078	
Benzo(a)anthracene		3.9	0.0039	0.1	0.00039	
Benzo(b)fluoranthene		8.6	0.0086	0.1	0.00086	
Benzo(k)fluoranthene		3.4	0.0034	0.1	0.00034	
Chrysene		6.5	0.0065	0.01	0.000065	
Dibenzo(a,h)anthracene		6.8	0.0068	0.1	0.00068	
Indeno(1,2,3-cd)pyrene		5	0.005	0.1	0.0005	
Sum	**0.1**				**0.011**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-15-8 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		3.4	0.0034	1	0.0034	
Benzo(a)anthracene		3.4	0.0034	0.1	0.00034	
Benzo(b)fluoranthene		3.4	0.0034	0.1	0.00034	
Benzo(k)fluoranthene		3.4	0.0034	0.1	0.00034	
Chrysene		3.4	0.0034	0.01	0.000034	
Dibenzo(a,h)anthracene		6.8	0.0068	0.1	0.00068	
Indeno(1,2,3-cd)pyrene		4.1	0.0041	0.1	0.00041	
Sum	**0.1**				**0.006**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-16-4 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (unitless	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		49	0.049	1	0.049	
Benzo(a)anthracene		35	0.035	0.1	0.0035	
Benzo(b)fluoranthene		55	0.055	0.1	0.0055	
Benzo(k)fluoranthene		35	0.035	0.1	0.0035	
Chrysene		46	0.046	0.01	0.00046	
Dibenzo(a,h)anthracene		71	0.071	0.1	0.0071	
Indeno(1,2,3-cd)pyrene		42	0.042	0.1	0.0042	
Sum	**0.1**				**0.073**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-16-8 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		3.4	0.0034	1	0.0034	
Benzo(a)anthracene		3.4	0.0034	0.1	0.00034	
Benzo(b)fluoranthene		3.4	0.0034	0.1	0.00034	
Benzo(k)fluoranthene		3.4	0.0034	0.1	0.00034	
Chrysene		3.4	0.0034	0.01	0.000034	
Dibenzo(a,h)anthracene		6.8	0.0068	0.1	0.00068	
Indeno(1,2,3-cd)pyrene		4.1	0.0041	0.1	0.00041	
Sum	**0.1**				**0.006**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-17-4 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (unitless	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		75	0.075	1	0.075	
Benzo(a)anthracene		51	0.051	0.1	0.0051	
Benzo(b)fluoranthene		79	0.079	0.1	0.0079	
Benzo(k)fluoranthene		43	0.043	0.1	0.0043	
Chrysene		81	0.081	0.01	0.00081	
Dibenzo(a,h)anthracene		73	0.073	0.1	0.0073	
Indeno(1,2,3-cd)pyrene		48	0.048	0.1	0.0048	
Sum	**0.1**				**0.105**	**Fail**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-17-8 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		24	0.024	1	0.024	
Benzo(a)anthracene		18	0.018	0.1	0.0018	
Benzo(b)fluoranthene		29	0.029	0.1	0.0029	
Benzo(k)fluoranthene		11	0.011	0.1	0.0011	
Chrysene		22	0.022	0.01	0.00022	
Dibenzo(a,h)anthracene		6.9	0.0069	0.1	0.00069	
Indeno(1,2,3-cd)pyrene		16	0.016	0.1	0.0016	
Sum	**0.1**				**0.032**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-18-4 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (unitless	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		35	0.035	1	0.035	
Benzo(a)anthracene		35	0.035	0.1	0.0035	
Benzo(b)fluoranthene		42	0.042	0.1	0.0042	
Benzo(k)fluoranthene		35	0.035	0.1	0.0035	
Chrysene		35	0.035	0.01	0.00035	
Dibenzo(a,h)anthracene		71	0.071	0.1	0.0071	
Indeno(1,2,3-cd)pyrene		43	0.043	0.1	0.0043	
Sum	**0.1**				**0.058**	**Pass**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

Toxicity Equivalency Factor Calculations

TP-18-8 2/6/2025

cPAH	MTCA Method A Cleanup Level	Measured Concentration (ug/Kg)	Concentration mg/Kg	Toxicity Equivalency Factor (I	Toxicity Equivalency Concentration (mg/kg)	
Benzo(a)pyrene		200	0.2	1	0.2	
Benzo(a)anthracene		190	0.19	0.1	0.019	
Benzo(b)fluoranthene		370	0.37	0.1	0.037	
Benzo(k)fluoranthene		130	0.13	0.1	0.013	
Chrysene		200	0.2	0.01	0.002	
Dibenzo(a,h)anthracene		70	0.07	0.1	0.007	
Indeno(1,2,3-cd)pyrene		96	0.096	0.1	0.0096	
Sum	**0.1**				**0.288**	**Fail**

Notes:

1. Evaluating the Toxicity and Assessing the Carcinogenic Risk of Environmental Mixtures Using Toxicity Equivalency Factors, Washington State Department of Ecology, October 12, 2007

Non detected given 1/2 the MRL.

Non Detect = MDL

ATTACHMENT A

PHOTOGRAPHS

Spokane Environmental Solutions		PHOTOGRAPHIC LOG
4-Degrees Real Estate, Inc.	**Additional Phase II Environmental Site Assessment** 516 West Cora Avenue Spokane, Washington	**SES Project No.: 1810-002** **Date:** February 6, 2025

Photo No. **1**	
Direction Photo Taken: NA	
Description: View of **TP-7**. Soil consisted of SAND with occasional gravel to the depth explored. Conduit shown was active internet for adjacent church. It was not marked. No water sheen or odor was observed. Terminal depth was approximately 9-feet BGS.	

Photo No. **2**	
Direction Photo Taken: NA	
Description: View of **TP-8**. Soil consisted of SAND with occasional gravel to the depth explored. No water sheen or odor was observed. Terminal depth was approximately 10-feet BGS.	

Spokane Environmental Solutions

PHOTOGRAPHIC LOG

4-Degrees Real Estate, Inc.	**Additional Phase II Environmental Site Assessment** 516 West Cora Avenue Spokane, Washington	**SES Project No.: 1810-002** **Date:** February 6, 2025

Photo No. 3	
Direction Photo Taken: NA	
Description: View of **TP-9**. Soil consisted of SAND with occasional gravel. A lens of cobbles was observed at approximately 4 feet bgs. No water sheen or odor was observed. Terminal Depth was approximately 8-feet BGS.	

Photo No. 4	
Direction Photo Taken: NA	
Description: View of **TP-10**. Soil consisted of SAND with occasional gravel to the depth explored. Cobbles/boulders were observed at approximately 8-feet bgs. No water sheen or odor was observed. Terminal depth was approximately 10-feet BGS.	

Spokane Environmental Solutions		PHOTOGRAPHIC LOG
4-Degrees Real Estate, Inc.	**Additional Phase II Environmental Site Assessment** 516 West Cora Avenue Spokane, Washington	**SES Project No.: 1810-002** **Date:** February 6, 2025

Photo No. **5**	
Direction Photo Taken: NA	
Description: View of **TP-11**. Soil consisted of SAND with occasional gravel to the depth explored. We observed fragments of metal and glass. No water sheen or odor was observed. Terminal depth was approximately 10-feet BGS.	

Photo No. **6**	
Direction Photo Taken: NA	
Description: View of **TP-12**. Soil consisted of SAND with occasional gravel to the depth explored. No water sheen or odor was observed. Terminal depth was approximately 10-feet BGS.	

Spokane Environmental Solutions	PHOTOGRAPHIC LOG

4-Degrees Real Estate, Inc.	**Additional Phase II Environmental Site Assessment** 516 West Cora Avenue Spokane, Washington	**SES Project No.: 1810-002** **Date:** February 6, 2025

Photo No. **7**	
Direction Photo Taken: NA	
Description: View of **TP-13**. Soil consisted of Silty Gravel atop SAND with occasional gravel to the depth explored. No water sheen or odor was observed. Terminal Depth was approximately 9-feet BGS.	

Photo No. **8**	
Direction Photo Taken: NA	
Description: View of **TP-14**. Soil consisted of silty Gravel atop SAND with occasional gravel to the depth explored. No water sheen or odor was observed. Terminal depth was approximately 9-feet BGS.	

Spokane Environmental Solutions		PHOTOGRAPHIC LOG
4-Degrees Real Estate, Inc.	**Additional Phase II Environmental Site Assessment** 516 West Cora Avenue Spokane, Washington	**SES Project No.: 1810-002** **Date:** February 6, 2025

Photo No. **9**	
Direction Photo Taken: NA	
Description: View of **TP-15**. Soil consisted of silty GRAVEL atop SAND with occasional gravel to the depth explored. We observed fragments of metal and glass. No water sheen or odor was observed. Terminal depth was approximately 9-feet BGS.	

Photo No. **10**	
Direction Photo Taken: NA	
Description: View of **TP-16**. Soil consisted of silty GRAVEL with cobbles atop SAND with occasional gravel to the depth explored. No water sheen or odor was observed. Terminal depth was approximately 10-feet BGS.	

Spokane Environmental Solutions	PHOTOGRAPHIC LOG

4-Degrees Real Estate, Inc.	**Additional Phase II Environmental Site Assessment** 516 West Cora Avenue Spokane, Washington	**SES Project No.: 1810-002** **Date:** February 6, 2025

Photo No. **11**	
Direction Photo Taken: NA	
Description: View of **TP-17**. Soil consisted of silty GRAVEL atop SAND with occasional gravel to the depth explored. We observed fragments of metal and glass with occasional brick. No water sheen or odor was observed. Terminal Depth was approximately 9-feet BGS.	

Photo No. **12**	
Direction Photo Taken: NA	
Description: View of **TP-18**. Soil consisted of Ssilty GRAVEL atop SAND with occasional gravel to the depth explored. We observed fragments of metal and glass with occasional brick. No water sheen or odor was observed. Terminal depth was approximately 10-feet BGS.	

ATTACHMENT B

LABORATORY ANALYTICAL REPORTS & CHAINS OF CUSTODY

eurofins | Environment Testing

ANALYTICAL REPORT

PREPARED FOR

Attn: Gary Panther
Spokane Environmental Solutions LLC
2020 E Springfield Ave
Spokane, Washington 99202

Generated 2/24/2025 11:38:32 AM

JOB DESCRIPTION

Cora

JOB NUMBER

590-28920-2

Eurofins Spokane
11922 East 1st Ave
Spokane WA 99206

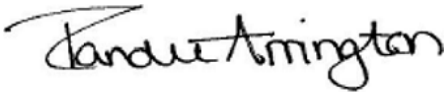
See page two for job notes and contact information.

Job Notes

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

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

Authorization



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Authorized for release by
Randee Arrington, Business Unit Manager
Randee.Arrington@et.eurofinsus.com
(509)924-9200

Table of Contents

Job Narrative
590-28920-2

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

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

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

Receipt
The samples were received on 1/10/2025 11:32 AM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 9.8°C.

Receipt Exceptions
The following samples were activated by the client on 02/14/25: TP-5-4 (590-28920-9) and TP-6-4 (590-28920-11).

GC/MS Semi VOA
Method 8270E_SIM: The following samples were prepared outside of preparation holding time due to Client request : TP-5-4 (590-28920-9) and TP-6-4 (590-28920-11).

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

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

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

Sample Summary

Client: Spokane Environmental Solutions LLC
Project/Site: Cora

Job ID: 590-28920-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-28920-9	TP-5-4	Solid	01/10/25 10:40	01/10/25 11:32
590-28920-11	TP-6-4	Solid	01/10/25 11:00	01/10/25 11:32

Definitions/Glossary

Client: Spokane Environmental Solutions LLC
Job ID: 590-28920-2
Project/Site: Cora

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
H	Sample was prepped or analyzed beyond the specified holding time. This does not meet regulatory requirements.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Client Sample ID: TP-5-4

Lab Sample ID: 590-28920-9

Date Collected: 01/10/25 10:40
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 93.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND	H	10	2.2	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
2-Methylnaphthalene	ND	H	10	3.2	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
1-Methylnaphthalene	ND	H	10	2.3	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
Acenaphthylene	**11**	**H**	10	3.4	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
Acenaphthene	ND	H	10	2.6	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
Fluorene	ND	H	10	2.3	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
Phenanthrene	**8.2**	**J H**	10	3.8	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
Anthracene	**12**	**H**	10	2.1	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
Fluoranthene	**22**	**H**	10	2.6	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
Pyrene	**24**	**H**	10	3.9	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
Benzo[a]anthracene	**19**	**H**	10	2.2	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
Chrysene	**28**	**H**	10	1.6	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
Benzo[b]fluoranthene	**24**	**H**	10	3.6	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
Benzo[k]fluoranthene	**12**	**H**	10	2.6	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
Benzo[a]pyrene	**31**	**H**	10	4.4	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
Indeno[1,2,3-cd]pyrene	**11**	**H**	10	3.1	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
Dibenz(a,h)anthracene	**5.6**	**J H**	10	2.9	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1
Benzo[g,h,i]perylene	**20**	**H**	10	2.4	ug/Kg	☼	02/19/25 10:53	02/20/25 19:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*103*		*32 - 120*	*02/19/25 10:53*	*02/20/25 19:21*	*1*
2-Fluorobiphenyl (Surr)	*99*		*41 - 120*	*02/19/25 10:53*	*02/20/25 19:21*	*1*
p-Terphenyl-d14	*111*		*45 - 134*	*02/19/25 10:53*	*02/20/25 19:21*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		10	4.0	mg/Kg	☼	02/21/25 13:33	02/22/25 19:52	10
Cadmium	ND		8.2	0.48	mg/Kg	☼	02/21/25 13:33	02/22/25 19:52	10
Lead	**260**		24	12	mg/Kg	☼	02/21/25 13:33	02/22/25 19:52	10

Client Sample ID: TP-6-4

Lab Sample ID: 590-28920-11

Date Collected: 01/10/25 11:00
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	**2.7**	**J H**	10	2.2	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
2-Methylnaphthalene	ND	H	10	3.2	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
1-Methylnaphthalene	ND	H	10	2.3	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
Acenaphthylene	ND	H	10	3.5	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
Acenaphthene	**15**	**H**	10	2.6	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
Fluorene	**6.5**	**J H**	10	2.3	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
Phenanthrene	**68**	**H**	10	3.8	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
Anthracene	**23**	**H**	10	2.1	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
Fluoranthene	**90**	**H**	10	2.6	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
Pyrene	**79**	**H**	10	4.0	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
Benzo[a]anthracene	**42**	**H**	10	2.2	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
Chrysene	**40**	**H**	10	1.6	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
Benzo[b]fluoranthene	**36**	**H**	10	3.7	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
Benzo[k]fluoranthene	**20**	**H**	10	2.6	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1

Client: Spokane Environmental Solutions LLC
Project/Site: Cora

Job ID: 590-28920-2

Client Sample ID: TP-6-4
Date Collected: 01/10/25 11:00
Date Received: 01/10/25 11:32

Lab Sample ID: 590-28920-11
Matrix: Solid
Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	34	H	10	4.4	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
Indeno[1,2,3-cd]pyrene	15	H	10	3.1	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
Dibenz(a,h)anthracene	5.5	J H	10	3.0	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1
Benzo[g,h,i]perylene	17	H	10	2.4	ug/Kg	☼	02/19/25 10:53	02/20/25 19:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*89*		*32 - 120*	*02/19/25 10:53*	*02/20/25 19:43*	*1*
2-Fluorobiphenyl (Surr)	*86*		*41 - 120*	*02/19/25 10:53*	*02/20/25 19:43*	*1*
p-Terphenyl-d14	*105*		*45 - 134*	*02/19/25 10:53*	*02/20/25 19:43*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		8.5	3.4	mg/Kg	☼	02/21/25 13:33	02/22/25 19:57	10
Cadmium	1.5	J	6.8	0.40	mg/Kg	☼	02/21/25 13:33	02/22/25 19:57	10
Lead	230		20	10	mg/Kg	☼	02/21/25 13:33	02/22/25 19:57	10

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

Lab Sample ID: MB 590-52437/1-A
Matrix: Solid
Analysis Batch: 52461

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52437

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		10	2.2	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
2-Methylnaphthalene	ND		10	3.1	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
1-Methylnaphthalene	ND		10	2.2	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
Acenaphthylene	ND		10	3.3	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
Acenaphthene	ND		10	2.5	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
Fluorene	ND		10	2.2	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
Phenanthrene	ND		10	3.6	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
Anthracene	ND		10	2.0	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
Fluoranthene	ND		10	2.5	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
Pyrene	ND		10	3.8	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
Benzo[a]anthracene	ND		10	2.1	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
Chrysene	ND		10	1.5	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
Benzo[b]fluoranthene	ND		10	3.5	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
Benzo[k]fluoranthene	ND		10	2.5	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
Benzo[a]pyrene	ND		10	4.2	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
Indeno[1,2,3-cd]pyrene	ND		10	3.0	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
Dibenz(a,h)anthracene	ND		10	2.8	ug/Kg		02/19/25 10:53	02/20/25 11:16	1
Benzo[g,h,i]perylene	ND		10	2.4	ug/Kg		02/19/25 10:53	02/20/25 11:16	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
Nitrobenzene-d5 (Surr)	*101*		*32 - 120*	*02/19/25 10:53*	*02/20/25 11:16*	*1*
2-Fluorobiphenyl (Surr)	*89*		*41 - 120*	*02/19/25 10:53*	*02/20/25 11:16*	*1*
p-Terphenyl-d14	*106*		*45 - 134*	*02/19/25 10:53*	*02/20/25 11:16*	*1*

Lab Sample ID: LCS 590-52437/2-A
Matrix: Solid
Analysis Batch: 52461

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52437

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	267	197		ug/Kg		74	37 - 120
2-Methylnaphthalene	267	201		ug/Kg		75	45 - 120
1-Methylnaphthalene	267	202		ug/Kg		76	44 - 120
Acenaphthylene	267	221		ug/Kg		83	52 - 120
Acenaphthene	267	219		ug/Kg		82	52 - 120
Fluorene	267	224		ug/Kg		84	56 - 120
Phenanthrene	267	242		ug/Kg		91	60 - 120
Anthracene	267	210		ug/Kg		79	54 - 120
Fluoranthene	267	253		ug/Kg		95	62 - 120
Pyrene	267	231		ug/Kg		87	58 - 122
Benzo[a]anthracene	267	235		ug/Kg		88	65 - 122
Chrysene	267	221		ug/Kg		83	53 - 120
Benzo[b]fluoranthene	267	200		ug/Kg		75	56 - 122
Benzo[k]fluoranthene	267	256		ug/Kg		96	53 - 120
Benzo[a]pyrene	267	220		ug/Kg		83	56 - 120
Indeno[1,2,3-cd]pyrene	267	226		ug/Kg		85	59 - 120
Dibenz(a,h)anthracene	267	229		ug/Kg		86	59 - 120
Benzo[g,h,i]perylene	267	222		ug/Kg		83	60 - 120

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

Lab Sample ID: LCS 590-52437/2-A
Matrix: Solid
Analysis Batch: 52461

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52437

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
Nitrobenzene-d5 (Surr)	*94*		*32 - 120*
2-Fluorobiphenyl (Surr)	*86*		*41 - 120*
p-Terphenyl-d14	*100*		*45 - 134*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 590-52499/2-A
Matrix: Solid
Analysis Batch: 52514

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52499

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.3	0.50	mg/Kg		02/21/25 12:45	02/22/25 19:17	1
Cadmium	ND		1.0	0.059	mg/Kg		02/21/25 12:45	02/22/25 19:17	1
Lead	ND		3.0	1.5	mg/Kg		02/21/25 12:45	02/22/25 19:17	1

Lab Sample ID: LCS 590-52499/1-A
Matrix: Solid
Analysis Batch: 52514

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52499

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	99.1		mg/Kg		99	80 - 120
Cadmium	50.0	48.9		mg/Kg		98	80 - 120
Lead	50.0	51.9		mg/Kg		104	80 - 120

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Cora

Job ID: 590-28920-2

Client Sample ID: TP-5-4 — **Lab Sample ID: 590-28920-9**
Date Collected: 01/10/25 10:40 — **Matrix: Solid**
Date Received: 01/10/25 11:32

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			52458	02/19/25 16:44	NMI	EET SPK

Client Sample ID: TP-5-4 — **Lab Sample ID: 590-28920-9**
Date Collected: 01/10/25 10:40 — **Matrix: Solid**
Date Received: 01/10/25 11:32 — **Percent Solids: 93.6**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.49 g	2 mL	52437	02/19/25 10:53	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52461	02/20/25 19:21	NMI	EET SPK
Total/NA	Prep	3050B			1.31 g	50 mL	52499	02/21/25 13:33	AMB	EET SPK
Total/NA	Analysis	6010D		10			52514	02/22/25 19:52	AMB	EET SPK

Client Sample ID: TP-6-4 — **Lab Sample ID: 590-28920-11**
Date Collected: 01/10/25 11:00 — **Matrix: Solid**
Date Received: 01/10/25 11:32

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			52458	02/19/25 16:44	NMI	EET SPK

Client Sample ID: TP-6-4 — **Lab Sample ID: 590-28920-11**
Date Collected: 01/10/25 11:00 — **Matrix: Solid**
Date Received: 01/10/25 11:32 — **Percent Solids: 93.0**

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3550C			15.50 g	2 mL	52437	02/19/25 10:53	NMI	EET SPK
Total/NA	Analysis	8270E SIM		1	1 uL	1 uL	52461	02/20/25 19:43	NMI	EET SPK
Total/NA	Prep	3050B			1.58 g	50 mL	52499	02/21/25 13:33	AMB	EET SPK
Total/NA	Analysis	6010D		10			52514	02/22/25 19:57	AMB	EET SPK

Laboratory References:

EET SPK = Eurofins Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Accreditation/Certification Summary

Client: Spokane Environmental Solutions LLC
Job ID: 590-28920-2
Project/Site: Cora

Laboratory: Eurofins Spokane

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-26

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

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: Spokane Environmental Solutions LLC
Project/Site: Cora

Job ID: 590-28920-2

Method	Method Description	Protocol	Laboratory
8270E SIM	Semivolatile Organic Compounds (GC/MS SIM)	SW846	EET SPK
6010D	Metals (ICP)	SW846	EET SPK
Moisture	Percent Moisture	EPA	EET SPK
3050B	Preparation, Metals	SW846	EET SPK
3550C	Ultrasonic Extraction	SW846	EET SPK

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:

EET SPK = Eurofins Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

Eurofins Spokane
11922 East 1st Ave
Spokane, WA 99206
Phone: 509-924-9200 Fax: 509-924-9290

Chain of Custody Record

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Client Information	Sampler: GARY PANTHER	Lab PM: Arrington, Randee E	Carrier Tracking No(s):	COC No: 590-11964-3255.1
Client Contact: Gary Panther	Phone: 509-954-5090	E-Mail: Randee.Arrington@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Spokane Environmental Solutions LLC	PWSID:	Analysis Requested		Job #:
Address: 3810 E. Boone Avenue Suite #101	Due Date Requested:			Preservation Codes: N None
City: Spokane	TAT Requested (days): 3-DAY TAT			
State, Zip: WA, 99202	Compliance Project: Δ Yes X No			
Phone: 509-954-5090(Tel)	PO #: Purchase Order not required			
Email: gary@spokaneenvironmental.com	WO #:			
Project Name: W Cora Site	Project #: 59001518			
Site: Cora	SSOW#:			Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E Custom list	6010D As, Cd & Pb	Total Number of containers	Special Instructions/Note:
				Preservation Code:			N	N		
TP-1-4	1-10-25	900	C	Solid			X	X		
TP-1-8		930	C	Solid			X	X		
TP-2-4		940	C	Solid			X	X		
TP-2-8		950	C	Solid			X	X		
TP-3-4		1000	C	Solid			X	X		
TP-3-8		1010	C	Solid			X	X		
TP-4-4		1020	C	Solid			X	X		
TP-4-8		1030	C	Solid			X	X		~~HOLD TP-4-4~~
TP-5-4		1040	C	Solid				~~X~~ SP		HOLD TP-5-4 ~~HOLD TP-5-4~~
TP-5-8		1050	C	Solid			X	X		
TP-6-4		1100	C	SOLID						HOLD TP-6-4

590-28920 Chain of Custody

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For ______ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	1-10-25 1132	SES			
			[signature]	1/10/25 1132	ESTSPO

Custody Seals Intact: Δ Yes Δ No	Custody Seal No.	Cooler Temperature(s) °C and Other Remarks: 9.4, 9.8 a-c IR001

TP-6-8 1110

Ver: 10/10/2024

Eurofins Spokane
11922 East 1st Ave
Spokane, WA 99206
Phone: 509-924-9200 Fax: 509-924-9290

Chain of Custody Record

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Client Information	Sampler: Gary Panther	Lab PM: Arrington, Randee E	Carrier Tracking No(s):	COC No: 590-11964-3255.1
Client Contact: Gary Panther	Phone: 509 954-5090	E-Mail: Randee.Arrington@et.eurofinsus.com	State of Origin:	Page: Page 1 of 1
Company: Spokane Environmental Solutions LLC	PWSID:			Job #:
Address: 3810 E. Boone Avenue Suite #101	Due Date Requested:			
City: Spokane	TAT Requested (days): 3-DAY TAT			
State, Zip: WA, 99202	Compliance Project: Δ Yes X No			
Phone: 509-954-5090(Tel)	PO #: Purchase Order not required			
Email: gary@spokaneenvironmental.com	WO #:			
Project Name: W Cora Site	Project #: 59001518			
Site: CORA	SSOW#:			

Analysis Requested

Preservation Codes: N None; Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E Custom list	6010D As, Cd & Pb	Total Number of containers	Special Instructions/Note:
			Preservation Code:				N	N		
TP-6-8	1-10 25	1110	C	Solid			X	X		
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						
				Solid						

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Gary D Panther	1-10 25 1132	SES			
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
	Relinquished by:	Date/Time:	Company	Received by:	Date/Time: 1/10/25 1132	Company EES

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.

Cooler Temperature(s) °C and Other Remarks: 9.4, 9.8 cor IR006

2/24/2025

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Spokane Environmental Solutions LLC

Job Number: 590-28920-2

Login Number: 28920

List Source: Eurofins Spokane

List Number: 1

Creator: Morris, Mackenzie 1

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.	N/A	
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.	N/A	
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	

This receipt checklist is generated for all samples received in this Login. It may not be applicable to all Jobs associated with this Login.

eurofins | Environment Testing

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

ANALYTICAL REPORT

PREPARED FOR

Attn: Gary Panther
Spokane Environmental Solutions LLC
2020 E Springfield Ave
Spokane, Washington 99202

Generated 2/11/2025 3:51:26 PM

JOB DESCRIPTION

Cora

JOB NUMBER

590-29348-1

Eurofins Spokane
11922 East 1st Ave
Spokane WA 99206

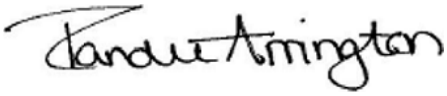
See page two for job notes and contact information.

Job Notes

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

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

Authorization



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2/11/2025 3:51:26 PM

Authorized for release by
Randee Arrington, Business Unit Manager
Randee.Arrington@et.eurofinsus.com
(509)924-9200

Table of Contents

Job Narrative
590-29348-1

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

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

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

Receipt
The samples were received on 2/6/2025 2:07 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.6°C.

GC/MS Semi VOA
Method 8270E: The following sample was diluted due to the nature of the sample matrix: TP-14-4 (590-29348-15). Elevated reporting limits (RLs) are provided.

Method 8270E: The following analyte(s) recovered outside control limits for the LCS associated with preparation batch 410-603838 and analytical batch 410-604378: 1,2,4-Trichlorobenzene. This is not indicative of a systematic control problem because these were random marginal exceedances. Qualified results have been reported.

Method 8270E: The following samples were diluted due to the nature of the sample matrix: TP-16-4 (590-29348-19), TP-17-4 (590-29348-21), TP-18-4 (590-29348-23) and TP-18-8 (590-29348-24). Elevated reporting limits (RLs) are provided.

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

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

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

Sample Summary

Client: Spokane Environmental Solutions LLC
Project/Site: Cora

Job ID: 590-29348-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-29348-1	TP-7-4	Solid	02/06/25 08:30	02/06/25 14:07
590-29348-2	TP-7-8	Solid	02/06/25 08:40	02/06/25 14:07
590-29348-3	TP-8-4	Solid	02/06/25 08:50	02/06/25 14:07
590-29348-4	TP-8-8	Solid	02/06/25 09:00	02/06/25 14:07
590-29348-5	TP-9-4	Solid	02/06/25 09:10	02/06/25 14:07
590-29348-6	TP-9-8	Solid	02/06/25 09:15	02/06/25 14:07
590-29348-7	TP-10-4	Solid	02/06/25 10:00	02/06/25 14:07
590-29348-8	TP-10-8	Solid	02/06/25 10:10	02/06/25 14:07
590-29348-9	TP-11-4	Solid	02/06/25 10:20	02/06/25 14:07
590-29348-10	TP-11-8	Solid	02/06/25 10:30	02/06/25 14:07
590-29348-11	TP-12-4	Solid	02/06/25 10:35	02/06/25 14:07
590-29348-12	TP-12-8	Solid	02/06/25 10:40	02/06/25 14:07
590-29348-13	TP-13-4	Solid	02/06/25 11:00	02/06/25 14:07
590-29348-14	TP-13-8	Solid	02/06/25 11:05	02/06/25 14:07
590-29348-15	TP-14-4	Solid	02/06/25 11:20	02/06/25 14:07
590-29348-16	TP-14-8	Solid	02/06/25 11:30	02/06/25 14:07
590-29348-17	TP-15-4	Solid	02/06/25 12:10	02/06/25 14:07
590-29348-18	TP-15-8	Solid	02/06/25 12:15	02/06/25 14:07
590-29348-19	TP-16-4	Solid	02/06/25 12:25	02/06/25 14:07
590-29348-20	TP-16-8	Solid	02/06/25 12:30	02/06/25 14:07
590-29348-21	TP-17-4	Solid	02/06/25 12:45	02/06/25 14:07
590-29348-22	TP-17-8	Solid	02/06/25 12:50	02/06/25 14:07
590-29348-23	TP-18-4	Solid	02/06/25 13:00	02/06/25 14:07
590-29348-24	TP-18-8	Solid	02/06/25 13:05	02/06/25 14:07

Definitions/Glossary

Client: Spokane Environmental Solutions LLC
Project/Site: Cora

Job ID: 590-29348-1

Qualifiers

GC/MS Semi VOA

Qualifier	Qualifier Description
*-	LCS and/or LCSD is outside acceptance limits, low biased.
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.

Metals

Qualifier	Qualifier Description
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.

Glossary

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

Client Sample ID: TP-7-4

Date Collected: 02/06/25 08:30
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-1
Matrix: Solid
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	F1	37	17	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Acenaphthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Acenaphthylene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Benzo[a]anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Benzo[a]pyrene	**4.6**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Benzo[b]fluoranthene	**5.8**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Benzo[g,h,i]perylene	**5.4**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Benzo[k]fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Bis(2-ethylhexyl) phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Butyl benzyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Chrysene	**4.7**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Dibenz(a,h)anthracene	ND		17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Diethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Dimethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Di-n-butyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Di-n-octyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Fluoranthene	**5.2**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Fluorene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Indeno[1,2,3-cd]pyrene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Naphthalene	ND	F1	17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Phenanthrene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Phenol	ND	F1 F2	37	17	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1
Pyrene	**6.2**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 10:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*13 - 127*	*02/07/25 15:53*	*02/10/25 10:50*	*1*
2-Fluorobiphenyl (Surr)	*74*		*29 - 120*	*02/07/25 15:53*	*02/10/25 10:50*	*1*
2-Fluorophenol (Surr)	*64*		*18 - 120*	*02/07/25 15:53*	*02/10/25 10:50*	*1*
Nitrobenzene-d5 (Surr)	*60*		*22 - 120*	*02/07/25 15:53*	*02/10/25 10:50*	*1*
Phenol-d5 (Surr)	*63*		*20 - 120*	*02/07/25 15:53*	*02/10/25 10:50*	*1*
p-Terphenyl-d14 (Surr)	*98*		*36 - 123*	*02/07/25 15:53*	*02/10/25 10:50*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.6**		8.1	3.2	mg/Kg	☼	02/10/25 11:19	02/10/25 18:23	10
Cadmium	ND		6.5	0.38	mg/Kg	☼	02/10/25 11:19	02/10/25 18:23	10
Lead	**20**		19	9.5	mg/Kg	☼	02/10/25 11:19	02/10/25 18:23	10

Client Sample ID: TP-7-8

Date Collected: 02/06/25 08:40
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-2
Matrix: Solid
Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		45	20	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Acenaphthene	ND		20	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Acenaphthylene	ND		20	4.9	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Anthracene	ND		20	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Benzo[a]anthracene	ND		20	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1

Client Sample ID: TP-7-8

Date Collected: 02/06/25 08:40
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-2
Matrix: Solid
Percent Solids: 82.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**4.4**	**J**	20	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Benzo[b]fluoranthene	**4.8**	**J**	20	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Benzo[g,h,i]perylene	**6.6**	**J**	20	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Benzo[k]fluoranthene	ND		20	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Bis(2-ethylhexyl) phthalate	ND		200	81	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Butyl benzyl phthalate	ND		200	81	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Chrysene	ND		20	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Dibenz(a,h)anthracene	ND		20	8.1	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Diethyl phthalate	ND		200	81	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Dimethyl phthalate	ND		200	81	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Di-n-butyl phthalate	ND		200	81	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Di-n-octyl phthalate	ND		200	81	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Fluoranthene	**4.3**	**J**	20	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Fluorene	ND		20	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Indeno[1,2,3-cd]pyrene	ND		20	4.9	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Naphthalene	ND		20	8.1	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Phenanthrene	ND		20	4.9	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Phenol	ND		45	20	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1
Pyrene	**4.5**	**J**	20	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 11:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*88*		*13 - 127*	*02/07/25 15:53*	*02/10/25 11:58*	*1*
2-Fluorobiphenyl (Surr)	*64*		*29 - 120*	*02/07/25 15:53*	*02/10/25 11:58*	*1*
2-Fluorophenol (Surr)	*61*		*18 - 120*	*02/07/25 15:53*	*02/10/25 11:58*	*1*
Nitrobenzene-d5 (Surr)	*57*		*22 - 120*	*02/07/25 15:53*	*02/10/25 11:58*	*1*
Phenol-d5 (Surr)	*58*		*20 - 120*	*02/07/25 15:53*	*02/10/25 11:58*	*1*
p-Terphenyl-d14 (Surr)	*104*		*36 - 123*	*02/07/25 15:53*	*02/10/25 11:58*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		11	4.3	mg/Kg	☼	02/10/25 11:19	02/10/25 18:28	10
Cadmium	ND		8.7	0.51	mg/Kg	☼	02/10/25 11:19	02/10/25 18:28	10
Lead	**16**	**J**	26	13	mg/Kg	☼	02/10/25 11:19	02/10/25 18:28	10

Client Sample ID: TP-8-4

Date Collected: 02/06/25 08:50
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-3
Matrix: Solid
Percent Solids: 96.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Acenaphthene	ND		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Acenaphthylene	ND		17	4.2	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Anthracene	**4.0**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Benzo[a]anthracene	**26**		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Benzo[a]pyrene	**36**		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Benzo[b]fluoranthene	**40**		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Benzo[g,h,i]perylene	**35**		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Benzo[k]fluoranthene	**14**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Bis(2-ethylhexyl) phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1

Client Sample ID: TP-8-4

Date Collected: 02/06/25 08:50
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-3

Matrix: Solid
Percent Solids: 96.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Chrysene	**36**		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Dibenz(a,h)anthracene	**8.1**	**J**	17	6.9	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Diethyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Dimethyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Di-n-butyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Di-n-octyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Fluoranthene	**40**		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Fluorene	ND		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Indeno[1,2,3-cd]pyrene	**23**		17	4.2	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Naphthalene	ND		17	6.9	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Phenanthrene	**10**	**J**	17	4.2	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Phenol	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1
Pyrene	**46**		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*13 - 127*	*02/07/25 15:53*	*02/10/25 12:21*	*1*
2-Fluorobiphenyl (Surr)	*82*		*29 - 120*	*02/07/25 15:53*	*02/10/25 12:21*	*1*
2-Fluorophenol (Surr)	*65*		*18 - 120*	*02/07/25 15:53*	*02/10/25 12:21*	*1*
Nitrobenzene-d5 (Surr)	*64*		*22 - 120*	*02/07/25 15:53*	*02/10/25 12:21*	*1*
Phenol-d5 (Surr)	*65*		*20 - 120*	*02/07/25 15:53*	*02/10/25 12:21*	*1*
p-Terphenyl-d14 (Surr)	*100*		*36 - 123*	*02/07/25 15:53*	*02/10/25 12:21*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.1**	**J**	9.2	3.6	mg/Kg	☼	02/10/25 11:19	02/10/25 18:33	10
Cadmium	ND		7.3	0.43	mg/Kg	☼	02/10/25 11:19	02/10/25 18:33	10
Lead	**74**		22	11	mg/Kg	☼	02/10/25 11:19	02/10/25 18:33	10

Client Sample ID: TP-8-8

Date Collected: 02/06/25 09:00
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-4

Matrix: Solid
Percent Solids: 95.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Acenaphthene	ND		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Acenaphthylene	ND		17	4.2	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Anthracene	ND		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Benzo[a]anthracene	**5.9**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Benzo[a]pyrene	**8.9**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Benzo[b]fluoranthene	**7.4**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Benzo[g,h,i]perylene	**8.2**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Benzo[k]fluoranthene	**3.6**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Bis(2-ethylhexyl) phthalate	ND		170	70	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Butyl benzyl phthalate	ND		170	70	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Chrysene	**12**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Dibenz(a,h)anthracene	ND		17	7.0	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Diethyl phthalate	ND		170	70	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Dimethyl phthalate	ND		170	70	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1

Client Sample ID: TP-8-8

Date Collected: 02/06/25 09:00
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-4

Matrix: Solid
Percent Solids: 95.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		170	70	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Di-n-octyl phthalate	ND		170	70	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Fluoranthene	**5.2**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Fluorene	ND		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Indeno[1,2,3-cd]pyrene	**4.3**	**J**	17	4.2	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Naphthalene	ND		17	7.0	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Phenanthrene	ND		17	4.2	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Phenol	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1
Pyrene	**6.9**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 12:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*64*		*13 - 127*	*02/07/25 15:53*	*02/10/25 12:44*	*1*
2-Fluorobiphenyl (Surr)	*58*		*29 - 120*	*02/07/25 15:53*	*02/10/25 12:44*	*1*
2-Fluorophenol (Surr)	*42*		*18 - 120*	*02/07/25 15:53*	*02/10/25 12:44*	*1*
Nitrobenzene-d5 (Surr)	*40*		*22 - 120*	*02/07/25 15:53*	*02/10/25 12:44*	*1*
Phenol-d5 (Surr)	*48*		*20 - 120*	*02/07/25 15:53*	*02/10/25 12:44*	*1*
p-Terphenyl-d14 (Surr)	*69*		*36 - 123*	*02/07/25 15:53*	*02/10/25 12:44*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.4**		8.8	3.5	mg/Kg	☼	02/10/25 11:19	02/10/25 18:38	10
Cadmium	ND		7.0	0.41	mg/Kg	☼	02/10/25 11:19	02/10/25 18:38	10
Lead	**150**		21	10	mg/Kg	☼	02/10/25 11:19	02/10/25 18:38	10

Client Sample ID: TP-9-4

Date Collected: 02/06/25 09:10
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-5

Matrix: Solid
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Acenaphthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Acenaphthylene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Benzo[a]anthracene	**5.7**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Benzo[a]pyrene	**7.2**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Benzo[b]fluoranthene	**8.2**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Benzo[g,h,i]perylene	**8.1**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Benzo[k]fluoranthene	**4.9**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Bis(2-ethylhexyl) phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Butyl benzyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Chrysene	**6.9**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Dibenz(a,h)anthracene	ND		17	6.9	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Diethyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Dimethyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Di-n-butyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Di-n-octyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Fluoranthene	**7.1**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Fluorene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Indeno[1,2,3-cd]pyrene	**7.5**	**J**	17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1

Client Sample ID: TP-9-4

Date Collected: 02/06/25 09:10
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-5

Matrix: Solid
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		17	6.9	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Phenanthrene	**6.5**	**J**	17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Phenol	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1
Pyrene	**8.6**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*90*		*13 - 127*	*02/07/25 15:53*	*02/10/25 13:07*	*1*
2-Fluorobiphenyl (Surr)	*73*		*29 - 120*	*02/07/25 15:53*	*02/10/25 13:07*	*1*
2-Fluorophenol (Surr)	*70*		*18 - 120*	*02/07/25 15:53*	*02/10/25 13:07*	*1*
Nitrobenzene-d5 (Surr)	*65*		*22 - 120*	*02/07/25 15:53*	*02/10/25 13:07*	*1*
Phenol-d5 (Surr)	*64*		*20 - 120*	*02/07/25 15:53*	*02/10/25 13:07*	*1*
p-Terphenyl-d14 (Surr)	*99*		*36 - 123*	*02/07/25 15:53*	*02/10/25 13:07*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.0**	**J**	8.4	3.3	mg/Kg	☼	02/10/25 11:19	02/10/25 18:43	10
Cadmium	ND		6.7	0.40	mg/Kg	☼	02/10/25 11:19	02/10/25 18:43	10
Lead	**26**		20	9.9	mg/Kg	☼	02/10/25 11:19	02/10/25 18:43	10

Client Sample ID: TP-9-8

Date Collected: 02/06/25 09:15
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-6

Matrix: Solid
Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Acenaphthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Acenaphthylene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Benzo[a]anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Benzo[a]pyrene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Benzo[b]fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Benzo[g,h,i]perylene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Benzo[k]fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Bis(2-ethylhexyl) phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Butyl benzyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Chrysene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Dibenz(a,h)anthracene	ND		17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Diethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Dimethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Di-n-butyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Di-n-octyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Fluorene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Indeno[1,2,3-cd]pyrene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Naphthalene	ND		17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Phenanthrene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Phenol	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1
Pyrene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:30	1

Client Sample ID: TP-9-8

Date Collected: 02/06/25 09:15
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-6

Matrix: Solid
Percent Solids: 97.2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*74*		*13 - 127*	*02/07/25 15:53*	*02/10/25 13:30*	*1*
2-Fluorobiphenyl (Surr)	*56*		*29 - 120*	*02/07/25 15:53*	*02/10/25 13:30*	*1*
2-Fluorophenol (Surr)	*58*		*18 - 120*	*02/07/25 15:53*	*02/10/25 13:30*	*1*
Nitrobenzene-d5 (Surr)	*54*		*22 - 120*	*02/07/25 15:53*	*02/10/25 13:30*	*1*
Phenol-d5 (Surr)	*50*		*20 - 120*	*02/07/25 15:53*	*02/10/25 13:30*	*1*
p-Terphenyl-d14 (Surr)	*95*		*36 - 123*	*02/07/25 15:53*	*02/10/25 13:30*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.6**	**J**	8.8	3.5	mg/Kg	☼	02/10/25 11:19	02/10/25 19:03	10
Cadmium	ND		7.0	0.42	mg/Kg	☼	02/10/25 11:19	02/10/25 19:03	10
Lead	ND		21	10	mg/Kg	☼	02/10/25 11:19	02/10/25 19:03	10

Client Sample ID: TP-10-4

Date Collected: 02/06/25 10:00
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-7

Matrix: Solid
Percent Solids: 95.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Acenaphthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Acenaphthylene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Benzo[a]anthracene	**12**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Benzo[a]pyrene	**13**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Benzo[b]fluoranthene	**15**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Benzo[g,h,i]perylene	**12**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Benzo[k]fluoranthene	**6.0**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Bis(2-ethylhexyl) phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Butyl benzyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Chrysene	**14**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Dibenz(a,h)anthracene	ND		17	6.9	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Diethyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Dimethyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Di-n-butyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Di-n-octyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Fluoranthene	**15**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Fluorene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Indeno[1,2,3-cd]pyrene	**9.5**	**J**	17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Naphthalene	ND		17	6.9	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Phenanthrene	**9.3**	**J**	17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Phenol	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1
Pyrene	**15**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 13:53	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*94*		*13 - 127*	*02/07/25 15:53*	*02/10/25 13:53*	*1*
2-Fluorobiphenyl (Surr)	*77*		*29 - 120*	*02/07/25 15:53*	*02/10/25 13:53*	*1*
2-Fluorophenol (Surr)	*66*		*18 - 120*	*02/07/25 15:53*	*02/10/25 13:53*	*1*
Nitrobenzene-d5 (Surr)	*64*		*22 - 120*	*02/07/25 15:53*	*02/10/25 13:53*	*1*
Phenol-d5 (Surr)	*64*		*20 - 120*	*02/07/25 15:53*	*02/10/25 13:53*	*1*
p-Terphenyl-d14 (Surr)	*106*		*36 - 123*	*02/07/25 15:53*	*02/10/25 13:53*	*1*

Client Sample ID: TP-10-4

Lab Sample ID: 590-29348-7
Date Collected: 02/06/25 10:00
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 95.7

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.9**	**J**	8.3	3.3	mg/Kg	☼	02/10/25 11:19	02/10/25 19:08	10
Cadmium	ND		6.7	0.39	mg/Kg	☼	02/10/25 11:19	02/10/25 19:08	10
Lead	**66**		20	9.8	mg/Kg	☼	02/10/25 11:19	02/10/25 19:08	10

Client Sample ID: TP-10-8

Lab Sample ID: 590-29348-8
Date Collected: 02/06/25 10:10
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 95.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Acenaphthene	ND		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Acenaphthylene	ND		17	4.2	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Anthracene	ND		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Benzo[a]anthracene	ND		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Benzo[a]pyrene	**3.7**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Benzo[b]fluoranthene	**4.6**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Benzo[g,h,i]perylene	**3.8**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Benzo[k]fluoranthene	ND		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Bis(2-ethylhexyl) phthalate	ND		170	70	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Butyl benzyl phthalate	ND		170	70	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Chrysene	**4.8**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Dibenz(a,h)anthracene	ND		17	7.0	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Diethyl phthalate	ND		170	70	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Dimethyl phthalate	ND		170	70	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Di-n-butyl phthalate	ND		170	70	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Di-n-octyl phthalate	ND		170	70	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Fluoranthene	**5.1**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Fluorene	ND		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Indeno[1,2,3-cd]pyrene	ND		17	4.2	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Naphthalene	ND		17	7.0	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Phenanthrene	ND		17	4.2	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Phenol	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1
Pyrene	**6.2**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*13 - 127*	*02/07/25 15:53*	*02/10/25 14:16*	*1*
2-Fluorobiphenyl (Surr)	*71*		*29 - 120*	*02/07/25 15:53*	*02/10/25 14:16*	*1*
2-Fluorophenol (Surr)	*66*		*18 - 120*	*02/07/25 15:53*	*02/10/25 14:16*	*1*
Nitrobenzene-d5 (Surr)	*61*		*22 - 120*	*02/07/25 15:53*	*02/10/25 14:16*	*1*
Phenol-d5 (Surr)	*62*		*20 - 120*	*02/07/25 15:53*	*02/10/25 14:16*	*1*
p-Terphenyl-d14 (Surr)	*101*		*36 - 123*	*02/07/25 15:53*	*02/10/25 14:16*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**37**		9.1	3.6	mg/Kg	☼	02/10/25 11:19	02/10/25 19:13	10
Cadmium	ND		7.2	0.43	mg/Kg	☼	02/10/25 11:19	02/10/25 19:13	10
Lead	**70**		22	11	mg/Kg	☼	02/10/25 11:19	02/10/25 19:13	10

Client Sample ID: TP-11-4

Date Collected: 02/06/25 10:20
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-9
Matrix: Solid
Percent Solids: 95.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Acenaphthene	**8.0**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Acenaphthylene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Anthracene	**8.6**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Benzo[a]anthracene	**22**		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Benzo[a]pyrene	**25**		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Benzo[b]fluoranthene	**25**		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Benzo[g,h,i]perylene	**20**		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Benzo[k]fluoranthene	**11**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Bis(2-ethylhexyl) phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Butyl benzyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Chrysene	**25**		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Dibenz(a,h)anthracene	**6.9**	**J**	17	6.9	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Diethyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Dimethyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Di-n-butyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Di-n-octyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Fluoranthene	**43**		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Fluorene	**4.9**	**J**	17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Indeno[1,2,3-cd]pyrene	**15**	**J**	17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Naphthalene	ND		17	6.9	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Phenanthrene	**37**		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Phenol	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1
Pyrene	**43**		17	3.5	ug/Kg	☼	02/07/25 15:53	02/10/25 14:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*13 - 127*	*02/07/25 15:53*	*02/10/25 14:40*	*1*
2-Fluorobiphenyl (Surr)	*82*		*29 - 120*	*02/07/25 15:53*	*02/10/25 14:40*	*1*
2-Fluorophenol (Surr)	*68*		*18 - 120*	*02/07/25 15:53*	*02/10/25 14:40*	*1*
Nitrobenzene-d5 (Surr)	*63*		*22 - 120*	*02/07/25 15:53*	*02/10/25 14:40*	*1*
Phenol-d5 (Surr)	*70*		*20 - 120*	*02/07/25 15:53*	*02/10/25 14:40*	*1*
p-Terphenyl-d14 (Surr)	*97*		*36 - 123*	*02/07/25 15:53*	*02/10/25 14:40*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		9.8	3.9	mg/Kg	☼	02/10/25 11:19	02/10/25 19:18	10
Cadmium	ND		7.9	0.46	mg/Kg	☼	02/10/25 11:19	02/10/25 19:18	10
Lead	**33**		24	12	mg/Kg	☼	02/10/25 11:19	02/10/25 19:18	10

Client Sample ID: TP-11-8

Date Collected: 02/06/25 10:30
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-10
Matrix: Solid
Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		37	17	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Acenaphthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Acenaphthylene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Benzo[a]anthracene	**6.2**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1

Client Sample ID: TP-11-8

Date Collected: 02/06/25 10:30
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-10

Matrix: Solid
Percent Solids: 96.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**7.8**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Benzo[b]fluoranthene	**8.5**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Benzo[g,h,i]perylene	**7.6**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Benzo[k]fluoranthene	**3.8**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Bis(2-ethylhexyl) phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Butyl benzyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Chrysene	**7.0**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Dibenz(a,h)anthracene	ND		17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Diethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Dimethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Di-n-butyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Di-n-octyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Fluoranthene	**8.9**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Fluorene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Indeno[1,2,3-cd]pyrene	**5.4**	**J**	17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Naphthalene	ND		17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Phenanthrene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Phenol	ND		37	17	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1
Pyrene	**9.5**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*13 - 127*	*02/07/25 15:53*	*02/10/25 15:03*	*1*
2-Fluorobiphenyl (Surr)	*67*		*29 - 120*	*02/07/25 15:53*	*02/10/25 15:03*	*1*
2-Fluorophenol (Surr)	*60*		*18 - 120*	*02/07/25 15:53*	*02/10/25 15:03*	*1*
Nitrobenzene-d5 (Surr)	*56*		*22 - 120*	*02/07/25 15:53*	*02/10/25 15:03*	*1*
Phenol-d5 (Surr)	*58*		*20 - 120*	*02/07/25 15:53*	*02/10/25 15:03*	*1*
p-Terphenyl-d14 (Surr)	*90*		*36 - 123*	*02/07/25 15:53*	*02/10/25 15:03*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**7.8**	**J**	8.5	3.4	mg/Kg	☼	02/10/25 11:19	02/10/25 19:23	10
Cadmium	ND		6.8	0.40	mg/Kg	☼	02/10/25 11:19	02/10/25 19:23	10
Lead	**27**		21	10	mg/Kg	☼	02/10/25 11:19	02/10/25 19:23	10

Client Sample ID: TP-12-4

Date Collected: 02/06/25 10:35
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-11

Matrix: Solid
Percent Solids: 97.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		37	17	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Acenaphthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Acenaphthylene	ND		17	4.0	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Benzo[a]anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Benzo[a]pyrene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Benzo[b]fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Benzo[g,h,i]perylene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Benzo[k]fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Bis(2-ethylhexyl) phthalate	ND		170	67	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1

Client Sample ID: TP-12-4
Lab Sample ID: 590-29348-11
Date Collected: 02/06/25 10:35
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 97.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		170	67	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Chrysene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Diethyl phthalate	ND		170	67	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Dimethyl phthalate	ND		170	67	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Di-n-butyl phthalate	ND		170	67	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Di-n-octyl phthalate	ND		170	67	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Fluorene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Indeno[1,2,3-cd]pyrene	ND		17	4.0	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Naphthalene	ND		17	6.7	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Phenanthrene	ND		17	4.0	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Phenol	ND		37	17	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1
Pyrene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*13 - 127*	*02/07/25 15:53*	*02/10/25 15:26*	*1*
2-Fluorobiphenyl (Surr)	*74*		*29 - 120*	*02/07/25 15:53*	*02/10/25 15:26*	*1*
2-Fluorophenol (Surr)	*66*		*18 - 120*	*02/07/25 15:53*	*02/10/25 15:26*	*1*
Nitrobenzene-d5 (Surr)	*62*		*22 - 120*	*02/07/25 15:53*	*02/10/25 15:26*	*1*
Phenol-d5 (Surr)	*60*		*20 - 120*	*02/07/25 15:53*	*02/10/25 15:26*	*1*
p-Terphenyl-d14 (Surr)	*102*		*36 - 123*	*02/07/25 15:53*	*02/10/25 15:26*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**15**		9.6	3.8	mg/Kg	☼	02/10/25 11:25	02/10/25 19:38	10
Cadmium	ND		7.7	0.45	mg/Kg	☼	02/10/25 11:25	02/10/25 19:38	10
Lead	ND		23	11	mg/Kg	☼	02/10/25 11:25	02/10/25 19:38	10

Client Sample ID: TP-12-8
Lab Sample ID: 590-29348-12
Date Collected: 02/06/25 10:40
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Acenaphthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Acenaphthylene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Benzo[a]anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Benzo[a]pyrene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Benzo[b]fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Benzo[g,h,i]perylene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Benzo[k]fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Bis(2-ethylhexyl) phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Butyl benzyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Chrysene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Dibenz(a,h)anthracene	ND		17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Diethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Dimethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1

Client: Spokane Environmental Solutions LLC
Project/Site: Cora

Job ID: 590-29348-1

Client Sample ID: TP-12-8

Date Collected: 02/06/25 10:40
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-12

Matrix: Solid
Percent Solids: 97.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Di-n-octyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Fluorene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Indeno[1,2,3-cd]pyrene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Naphthalene	ND		17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Phenanthrene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Phenol	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1
Pyrene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 15:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*13 - 127*	*02/07/25 15:53*	*02/10/25 15:49*	*1*
2-Fluorobiphenyl (Surr)	*60*		*29 - 120*	*02/07/25 15:53*	*02/10/25 15:49*	*1*
2-Fluorophenol (Surr)	*66*		*18 - 120*	*02/07/25 15:53*	*02/10/25 15:49*	*1*
Nitrobenzene-d5 (Surr)	*58*		*22 - 120*	*02/07/25 15:53*	*02/10/25 15:49*	*1*
Phenol-d5 (Surr)	*57*		*20 - 120*	*02/07/25 15:53*	*02/10/25 15:49*	*1*
p-Terphenyl-d14 (Surr)	*97*		*36 - 123*	*02/07/25 15:53*	*02/10/25 15:49*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		10	4.0	mg/Kg	☼	02/10/25 11:25	02/10/25 20:23	10
Cadmium	ND		8.1	0.47	mg/Kg	☼	02/10/25 11:25	02/10/25 20:23	10
Lead	ND		24	12	mg/Kg	☼	02/10/25 11:25	02/10/25 20:23	10

Client Sample ID: TP-13-4

Date Collected: 02/06/25 11:00
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-13

Matrix: Solid
Percent Solids: 97.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		37	17	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Acenaphthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Acenaphthylene	ND		17	4.0	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Benzo[a]anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Benzo[a]pyrene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Benzo[b]fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Benzo[g,h,i]perylene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Benzo[k]fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Bis(2-ethylhexyl) phthalate	ND		170	67	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Butyl benzyl phthalate	ND		170	67	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Chrysene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Diethyl phthalate	ND		170	67	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Dimethyl phthalate	ND		170	67	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Di-n-butyl phthalate	ND		170	67	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Di-n-octyl phthalate	ND		170	67	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Fluorene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Indeno[1,2,3-cd]pyrene	ND		17	4.0	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1

Client Sample ID: TP-13-4
Lab Sample ID: 590-29348-13
Date Collected: 02/06/25 11:00
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 97.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		17	6.7	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Phenanthrene	ND		17	4.0	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Phenol	ND		37	17	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1
Pyrene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:12	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*91*		*13 - 127*	*02/07/25 15:53*	*02/10/25 16:12*	*1*
2-Fluorobiphenyl (Surr)	*80*		*29 - 120*	*02/07/25 15:53*	*02/10/25 16:12*	*1*
2-Fluorophenol (Surr)	*78*		*18 - 120*	*02/07/25 15:53*	*02/10/25 16:12*	*1*
Nitrobenzene-d5 (Surr)	*71*		*22 - 120*	*02/07/25 15:53*	*02/10/25 16:12*	*1*
Phenol-d5 (Surr)	*72*		*20 - 120*	*02/07/25 15:53*	*02/10/25 16:12*	*1*
p-Terphenyl-d14 (Surr)	*100*		*36 - 123*	*02/07/25 15:53*	*02/10/25 16:12*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.5**		9.0	3.6	mg/Kg	☼	02/10/25 11:25	02/10/25 20:28	10
Cadmium	ND		7.2	0.42	mg/Kg	☼	02/10/25 11:25	02/10/25 20:28	10
Lead	ND		22	11	mg/Kg	☼	02/10/25 11:25	02/10/25 20:28	10

Client Sample ID: TP-13-8
Lab Sample ID: 590-29348-14
Date Collected: 02/06/25 11:05
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 97.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		37	17	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Acenaphthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Acenaphthylene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Benzo[a]anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Benzo[a]pyrene	**3.7**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Benzo[b]fluoranthene	**3.9**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Benzo[g,h,i]perylene	**3.7**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Benzo[k]fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Bis(2-ethylhexyl) phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Butyl benzyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Chrysene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Dibenz(a,h)anthracene	ND		17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Diethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Dimethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Di-n-butyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Di-n-octyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Fluorene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Indeno[1,2,3-cd]pyrene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Naphthalene	ND		17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Phenanthrene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Phenol	ND		37	17	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1
Pyrene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 16:36	1

Client Sample ID: TP-13-8

Date Collected: 02/06/25 11:05
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-14

Matrix: Solid
Percent Solids: 97.6

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*13 - 127*	*02/07/25 15:53*	*02/10/25 16:36*	*1*
2-Fluorobiphenyl (Surr)	*65*		*29 - 120*	*02/07/25 15:53*	*02/10/25 16:36*	*1*
2-Fluorophenol (Surr)	*62*		*18 - 120*	*02/07/25 15:53*	*02/10/25 16:36*	*1*
Nitrobenzene-d5 (Surr)	*57*		*22 - 120*	*02/07/25 15:53*	*02/10/25 16:36*	*1*
Phenol-d5 (Surr)	*56*		*20 - 120*	*02/07/25 15:53*	*02/10/25 16:36*	*1*
p-Terphenyl-d14 (Surr)	*100*		*36 - 123*	*02/07/25 15:53*	*02/10/25 16:36*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.6**	**J**	9.9	3.9	mg/Kg	☼	02/10/25 11:25	02/10/25 20:33	10
Cadmium	ND		7.9	0.47	mg/Kg	☼	02/10/25 11:25	02/10/25 20:33	10
Lead	ND		24	12	mg/Kg	☼	02/10/25 11:25	02/10/25 20:33	10

Client Sample ID: TP-14-4

Date Collected: 02/06/25 11:20
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-15

Matrix: Solid
Percent Solids: 97.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		370	170	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Acenaphthene	ND		170	34	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Acenaphthylene	ND		170	41	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Anthracene	ND		170	34	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Benzo[a]anthracene	ND		170	34	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Benzo[a]pyrene	ND		170	34	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Benzo[b]fluoranthene	ND		170	34	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Benzo[g,h,i]perylene	ND		170	34	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Benzo[k]fluoranthene	ND		170	34	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Bis(2-ethylhexyl) phthalate	ND		1700	680	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Butyl benzyl phthalate	ND		1700	680	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Chrysene	ND		170	34	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Dibenz(a,h)anthracene	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Diethyl phthalate	ND		1700	680	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Dimethyl phthalate	ND		1700	680	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Di-n-butyl phthalate	ND		1700	680	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Di-n-octyl phthalate	ND		1700	680	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Fluoranthene	ND		170	34	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Fluorene	ND		170	34	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Indeno[1,2,3-cd]pyrene	ND		170	41	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Naphthalene	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Phenanthrene	ND		170	41	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Phenol	ND		370	170	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10
Pyrene	ND		170	34	ug/Kg	☼	02/07/25 15:53	02/10/25 16:59	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*72*		*13 - 127*	*02/07/25 15:53*	*02/10/25 16:59*	*10*
2-Fluorobiphenyl (Surr)	*53*		*29 - 120*	*02/07/25 15:53*	*02/10/25 16:59*	*10*
2-Fluorophenol (Surr)	*46*		*18 - 120*	*02/07/25 15:53*	*02/10/25 16:59*	*10*
Nitrobenzene-d5 (Surr)	*43*		*22 - 120*	*02/07/25 15:53*	*02/10/25 16:59*	*10*
Phenol-d5 (Surr)	*44*		*20 - 120*	*02/07/25 15:53*	*02/10/25 16:59*	*10*
p-Terphenyl-d14 (Surr)	*73*		*36 - 123*	*02/07/25 15:53*	*02/10/25 16:59*	*10*

Client Sample ID: TP-14-4

Date Collected: 02/06/25 11:20
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-15

Matrix: Solid
Percent Solids: 97.2

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**1.1**		0.98	0.39	mg/Kg	☼	02/10/25 11:25	02/10/25 20:38	1
Cadmium	ND		0.79	0.046	mg/Kg	☼	02/10/25 11:25	02/10/25 20:38	1
Lead	**1.6**	**J**	2.4	1.2	mg/Kg	☼	02/10/25 11:25	02/10/25 20:38	1

Client Sample ID: TP-14-8

Date Collected: 02/06/25 11:30
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-16

Matrix: Solid
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Acenaphthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Acenaphthylene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Benzo[a]anthracene	**6.7**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Benzo[a]pyrene	**12**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Benzo[b]fluoranthene	**11**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Benzo[g,h,i]perylene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Benzo[k]fluoranthene	**5.1**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Bis(2-ethylhexyl) phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Butyl benzyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Chrysene	**11**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Dibenz(a,h)anthracene	ND		17	6.9	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Diethyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Dimethyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Di-n-butyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Di-n-octyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Fluoranthene	**9.6**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Fluorene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Indeno[1,2,3-cd]pyrene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Naphthalene	ND		17	6.9	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Phenanthrene	**6.3**	**J**	17	4.1	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Phenol	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1
Pyrene	**11**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/11/25 12:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*13 - 127*	*02/07/25 15:53*	*02/11/25 12:23*	*1*
2-Fluorobiphenyl (Surr)	*79*		*29 - 120*	*02/07/25 15:53*	*02/11/25 12:23*	*1*
2-Fluorophenol (Surr)	*67*		*18 - 120*	*02/07/25 15:53*	*02/11/25 12:23*	*1*
Nitrobenzene-d5 (Surr)	*73*		*22 - 120*	*02/07/25 15:53*	*02/11/25 12:23*	*1*
Phenol-d5 (Surr)	*73*		*20 - 120*	*02/07/25 15:53*	*02/11/25 12:23*	*1*
p-Terphenyl-d14 (Surr)	*96*		*36 - 123*	*02/07/25 15:53*	*02/11/25 12:23*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**		10	3.9	mg/Kg	☼	02/10/25 11:25	02/10/25 20:43	10
Cadmium	ND		8.0	0.47	mg/Kg	☼	02/10/25 11:25	02/10/25 20:43	10
Lead	**22**	**J**	24	12	mg/Kg	☼	02/10/25 11:25	02/10/25 20:43	10

Client Sample ID: TP-15-4
Lab Sample ID: 590-29348-17
Date Collected: 02/06/25 12:10
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 97.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Acenaphthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Acenaphthylene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Benzo[a]anthracene	**3.9**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Benzo[a]pyrene	**7.8**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Benzo[b]fluoranthene	**8.6**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Benzo[g,h,i]perylene	**8.6**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Benzo[k]fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Bis(2-ethylhexyl) phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Butyl benzyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Chrysene	**6.5**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Dibenz(a,h)anthracene	ND		17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Diethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Dimethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Di-n-butyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Di-n-octyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Fluoranthene	**7.9**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Fluorene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Indeno[1,2,3-cd]pyrene	**5.0**	**J**	17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Naphthalene	ND		17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Phenanthrene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Phenol	ND		38	17	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1
Pyrene	**10**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 21:43	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*81*		*13 - 127*	*02/07/25 15:53*	*02/10/25 21:43*	*1*
2-Fluorobiphenyl (Surr)	*71*		*29 - 120*	*02/07/25 15:53*	*02/10/25 21:43*	*1*
2-Fluorophenol (Surr)	*59*		*18 - 120*	*02/07/25 15:53*	*02/10/25 21:43*	*1*
Nitrobenzene-d5 (Surr)	*59*		*22 - 120*	*02/07/25 15:53*	*02/10/25 21:43*	*1*
Phenol-d5 (Surr)	*58*		*20 - 120*	*02/07/25 15:53*	*02/10/25 21:43*	*1*
p-Terphenyl-d14 (Surr)	*108*		*36 - 123*	*02/07/25 15:53*	*02/10/25 21:43*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		9.1	3.6	mg/Kg	☼	02/10/25 11:25	02/10/25 20:49	10
Cadmium	ND		7.3	0.43	mg/Kg	☼	02/10/25 11:25	02/10/25 20:49	10
Lead	**47**		22	11	mg/Kg	☼	02/10/25 11:25	02/10/25 20:49	10

Client Sample ID: TP-15-8
Lab Sample ID: 590-29348-18
Date Collected: 02/06/25 12:15
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 98.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		37	17	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Acenaphthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Acenaphthylene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Benzo[a]anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1

Client Sample ID: TP-15-8

Date Collected: 02/06/25 12:15
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-18

Matrix: Solid
Percent Solids: 98.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Benzo[b]fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Benzo[g,h,i]perylene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Benzo[k]fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Bis(2-ethylhexyl) phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Butyl benzyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Chrysene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Dibenz(a,h)anthracene	ND		17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Diethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Dimethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Di-n-butyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Di-n-octyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Fluoranthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Fluorene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Indeno[1,2,3-cd]pyrene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Naphthalene	ND		17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Phenanthrene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Phenol	ND		37	17	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1
Pyrene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*66*		*13 - 127*	*02/07/25 15:53*	*02/10/25 22:07*	*1*
2-Fluorobiphenyl (Surr)	*60*		*29 - 120*	*02/07/25 15:53*	*02/10/25 22:07*	*1*
2-Fluorophenol (Surr)	*55*		*18 - 120*	*02/07/25 15:53*	*02/10/25 22:07*	*1*
Nitrobenzene-d5 (Surr)	*56*		*22 - 120*	*02/07/25 15:53*	*02/10/25 22:07*	*1*
Phenol-d5 (Surr)	*51*		*20 - 120*	*02/07/25 15:53*	*02/10/25 22:07*	*1*
p-Terphenyl-d14 (Surr)	*86*		*36 - 123*	*02/07/25 15:53*	*02/10/25 22:07*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		8.9	3.5	mg/Kg	☼	02/10/25 11:25	02/10/25 20:54	10
Cadmium	ND		7.1	0.42	mg/Kg	☼	02/10/25 11:25	02/10/25 20:54	10
Lead	ND		21	10	mg/Kg	☼	02/10/25 11:25	02/10/25 20:54	10

Client Sample ID: TP-16-4

Date Collected: 02/06/25 12:25
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-19

Matrix: Solid
Percent Solids: 93.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		390	180	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Acenaphthene	ND		180	35	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Acenaphthylene	ND		180	42	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Anthracene	ND		180	35	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Benzo[a]anthracene	ND		180	35	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Benzo[a]pyrene	**49**	**J**	180	35	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Benzo[b]fluoranthene	**55**	**J**	180	35	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Benzo[g,h,i]perylene	**53**	**J**	180	35	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Benzo[k]fluoranthene	ND		180	35	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Bis(2-ethylhexyl) phthalate	ND		1800	710	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10

Client Sample ID: TP-16-4
Lab Sample ID: 590-29348-19
Date Collected: 02/06/25 12:25
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 93.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		1800	710	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Chrysene	**46**	**J**	180	35	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Dibenz(a,h)anthracene	ND		180	71	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Diethyl phthalate	ND		1800	710	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Dimethyl phthalate	ND		1800	710	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Di-n-butyl phthalate	ND		1800	710	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Di-n-octyl phthalate	ND		1800	710	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Fluoranthene	**46**	**J**	180	35	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Fluorene	ND		180	35	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Indeno[1,2,3-cd]pyrene	ND		180	42	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Naphthalene	**71**	**J**	180	71	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Phenanthrene	**44**	**J**	180	42	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Phenol	ND		390	180	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10
Pyrene	**61**	**J**	180	35	ug/Kg	☼	02/07/25 15:53	02/10/25 22:31	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*44*		*13 - 127*	*02/07/25 15:53*	*02/10/25 22:31*	*10*
2-Fluorobiphenyl (Surr)	*62*		*29 - 120*	*02/07/25 15:53*	*02/10/25 22:31*	*10*
2-Fluorophenol (Surr)	*42*		*18 - 120*	*02/07/25 15:53*	*02/10/25 22:31*	*10*
Nitrobenzene-d5 (Surr)	*43*		*22 - 120*	*02/07/25 15:53*	*02/10/25 22:31*	*10*
Phenol-d5 (Surr)	*48*		*20 - 120*	*02/07/25 15:53*	*02/10/25 22:31*	*10*
p-Terphenyl-d14 (Surr)	*73*		*36 - 123*	*02/07/25 15:53*	*02/10/25 22:31*	*10*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		10	4.0	mg/Kg	☼	02/10/25 11:25	02/10/25 21:14	10
Cadmium	ND		8.0	0.47	mg/Kg	☼	02/10/25 11:25	02/10/25 21:14	10
Lead	**67**		24	12	mg/Kg	☼	02/10/25 11:25	02/10/25 21:14	10

Client Sample ID: TP-16-8
Lab Sample ID: 590-29348-20
Date Collected: 02/06/25 12:30
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		37	17	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Acenaphthene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Acenaphthylene	ND		17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Anthracene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Benzo[a]anthracene	**11**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Benzo[a]pyrene	**14**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Benzo[b]fluoranthene	**12**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Benzo[g,h,i]perylene	**11**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Benzo[k]fluoranthene	**12**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Bis(2-ethylhexyl) phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Butyl benzyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Chrysene	**15**	**J**	17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Dibenz(a,h)anthracene	ND		17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Diethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Dimethyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1

Client Sample ID: TP-16-8

Date Collected: 02/06/25 12:30
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-20

Matrix: Solid
Percent Solids: 96.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Di-n-butyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Di-n-octyl phthalate	ND		170	68	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Fluoranthene	**22**		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Fluorene	ND		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Indeno[1,2,3-cd]pyrene	**8.1**	**J**	17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Naphthalene	ND		17	6.8	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Phenanthrene	**12**	**J**	17	4.1	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Phenol	ND		37	17	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1
Pyrene	**24**		17	3.4	ug/Kg	☼	02/07/25 15:53	02/10/25 22:55	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*69*		*13 - 127*	*02/07/25 15:53*	*02/10/25 22:55*	*1*
2-Fluorobiphenyl (Surr)	*68*		*29 - 120*	*02/07/25 15:53*	*02/10/25 22:55*	*1*
2-Fluorophenol (Surr)	*59*		*18 - 120*	*02/07/25 15:53*	*02/10/25 22:55*	*1*
Nitrobenzene-d5 (Surr)	*57*		*22 - 120*	*02/07/25 15:53*	*02/10/25 22:55*	*1*
Phenol-d5 (Surr)	*58*		*20 - 120*	*02/07/25 15:53*	*02/10/25 22:55*	*1*
p-Terphenyl-d14 (Surr)	*84*		*36 - 123*	*02/07/25 15:53*	*02/10/25 22:55*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**12**		9.2	3.7	mg/Kg	☼	02/10/25 11:25	02/10/25 21:19	10
Cadmium	ND		7.4	0.44	mg/Kg	☼	02/10/25 11:25	02/10/25 21:19	10
Lead	**55**		22	11	mg/Kg	☼	02/10/25 11:25	02/10/25 21:19	10

Client Sample ID: TP-17-4

Date Collected: 02/06/25 12:45
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-21

Matrix: Solid
Percent Solids: 91.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	*-	400	180	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Acenaphthene	ND		180	36	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Acenaphthylene	ND		180	44	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Anthracene	ND	F1	180	36	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Benzo[a]anthracene	**51**	**J F1**	180	36	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Benzo[a]pyrene	**75**	**J F1**	180	36	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Benzo[b]fluoranthene	**79**	**J F1**	180	36	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Benzo[g,h,i]perylene	**96**	**J F1**	180	36	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Benzo[k]fluoranthene	**43**	**J F1**	180	36	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Bis(2-ethylhexyl) phthalate	ND	F1	1800	730	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Butyl benzyl phthalate	ND	F1	1800	730	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Chrysene	**81**	**J F1**	180	36	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Dibenz(a,h)anthracene	ND	F1	180	73	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Diethyl phthalate	ND	F1	1800	730	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Dimethyl phthalate	ND		1800	730	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Di-n-butyl phthalate	ND	F1	1800	730	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Di-n-octyl phthalate	ND		1800	730	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Fluoranthene	**110**	**J**	180	36	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Fluorene	ND		180	36	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Indeno[1,2,3-cd]pyrene	**48**	**J F1**	180	44	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10

Client Sample ID: TP-17-4

Date Collected: 02/06/25 12:45
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-21

Matrix: Solid
Percent Solids: 91.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	ND		180	73	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Phenanthrene	**93**	**J F1**	180	44	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Phenol	ND		400	180	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10
Pyrene	**130**	**J F1**	180	36	ug/Kg	☼	02/07/25 19:08	02/10/25 23:19	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*52*		*13 - 127*	*02/07/25 19:08*	*02/10/25 23:19*	*10*
2-Fluorobiphenyl (Surr)	*74*		*29 - 120*	*02/07/25 19:08*	*02/10/25 23:19*	*10*
2-Fluorophenol (Surr)	*65*		*18 - 120*	*02/07/25 19:08*	*02/10/25 23:19*	*10*
Nitrobenzene-d5 (Surr)	*60*		*22 - 120*	*02/07/25 19:08*	*02/10/25 23:19*	*10*
Phenol-d5 (Surr)	*60*		*20 - 120*	*02/07/25 19:08*	*02/10/25 23:19*	*10*
p-Terphenyl-d14 (Surr)	*84*		*36 - 123*	*02/07/25 19:08*	*02/10/25 23:19*	*10*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.5**	**J**	9.9	3.9	mg/Kg	☼	02/10/25 11:25	02/10/25 21:24	10
Cadmium	ND		7.9	0.47	mg/Kg	☼	02/10/25 11:25	02/10/25 21:24	10
Lead	**110**		24	12	mg/Kg	☼	02/10/25 11:25	02/10/25 21:24	10

Client Sample ID: TP-17-8

Date Collected: 02/06/25 12:50
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-22

Matrix: Solid
Percent Solids: 95.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	*-	38	17	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Acenaphthene	ND		17	3.5	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Acenaphthylene	ND		17	4.1	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Anthracene	**6.7**	**J**	17	3.5	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Benzo[a]anthracene	**18**		17	3.5	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Benzo[a]pyrene	**24**		17	3.5	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Benzo[b]fluoranthene	**29**		17	3.5	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Benzo[g,h,i]perylene	**26**		17	3.5	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Benzo[k]fluoranthene	**11**	**J**	17	3.5	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Bis(2-ethylhexyl) phthalate	ND		170	69	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Butyl benzyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Chrysene	**22**		17	3.5	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Dibenz(a,h)anthracene	ND		17	6.9	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Diethyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Dimethyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Di-n-butyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Di-n-octyl phthalate	ND		170	69	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Fluoranthene	**34**		17	3.5	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Fluorene	ND		17	3.5	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Indeno[1,2,3-cd]pyrene	**16**	**J**	17	4.1	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Naphthalene	**7.5**	**J**	17	6.9	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Phenanthrene	**21**		17	4.1	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Phenol	ND		38	17	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1
Pyrene	**39**		17	3.5	ug/Kg	☼	02/07/25 19:08	02/11/25 00:32	1

Client Sample ID: TP-17-8

Date Collected: 02/06/25 12:50
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-22

Matrix: Solid
Percent Solids: 95.5

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*70*		*13 - 127*	*02/07/25 19:08*	*02/11/25 00:32*	*1*
2-Fluorobiphenyl (Surr)	*68*		*29 - 120*	*02/07/25 19:08*	*02/11/25 00:32*	*1*
2-Fluorophenol (Surr)	*65*		*18 - 120*	*02/07/25 19:08*	*02/11/25 00:32*	*1*
Nitrobenzene-d5 (Surr)	*65*		*22 - 120*	*02/07/25 19:08*	*02/11/25 00:32*	*1*
Phenol-d5 (Surr)	*63*		*20 - 120*	*02/07/25 19:08*	*02/11/25 00:32*	*1*
p-Terphenyl-d14 (Surr)	*84*		*36 - 123*	*02/07/25 19:08*	*02/11/25 00:32*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**8.2**	**J**	9.1	3.6	mg/Kg	☼	02/10/25 11:25	02/10/25 21:29	10
Cadmium	ND		7.3	0.43	mg/Kg	☼	02/10/25 11:25	02/10/25 21:29	10
Lead	**93**		22	11	mg/Kg	☼	02/10/25 11:25	02/10/25 21:29	10

Client Sample ID: TP-18-4

Date Collected: 02/06/25 13:00
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-23

Matrix: Solid
Percent Solids: 92.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	*-	390	180	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Acenaphthene	ND		180	35	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Acenaphthylene	ND		180	43	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Anthracene	ND		180	35	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Benzo[a]anthracene	ND		180	35	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Benzo[a]pyrene	ND		180	35	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Benzo[b]fluoranthene	**42**	**J**	180	35	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Benzo[g,h,i]perylene	**41**	**J**	180	35	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Benzo[k]fluoranthene	ND		180	35	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Bis(2-ethylhexyl) phthalate	ND		1800	710	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Butyl benzyl phthalate	ND		1800	710	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Chrysene	ND		180	35	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Dibenz(a,h)anthracene	ND		180	71	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Diethyl phthalate	ND		1800	710	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Dimethyl phthalate	ND		1800	710	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Di-n-butyl phthalate	ND		1800	710	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Di-n-octyl phthalate	ND		1800	710	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Fluoranthene	ND		180	35	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Fluorene	ND		180	35	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Indeno[1,2,3-cd]pyrene	ND		180	43	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Naphthalene	ND		180	71	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Phenanthrene	ND		180	43	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Phenol	ND		390	180	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10
Pyrene	ND		180	35	ug/Kg	☼	02/07/25 19:08	02/11/25 00:56	10

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
2,4,6-Tribromophenol (Surr)	*52*		*13 - 127*	*02/07/25 19:08*	*02/11/25 00:56*	*10*
2-Fluorobiphenyl (Surr)	*66*		*29 - 120*	*02/07/25 19:08*	*02/11/25 00:56*	*10*
2-Fluorophenol (Surr)	*61*		*18 - 120*	*02/07/25 19:08*	*02/11/25 00:56*	*10*
Nitrobenzene-d5 (Surr)	*56*		*22 - 120*	*02/07/25 19:08*	*02/11/25 00:56*	*10*
Phenol-d5 (Surr)	*61*		*20 - 120*	*02/07/25 19:08*	*02/11/25 00:56*	*10*
p-Terphenyl-d14 (Surr)	*73*		*36 - 123*	*02/07/25 19:08*	*02/11/25 00:56*	*10*

Client Sample ID: TP-18-4
Lab Sample ID: 590-29348-23
Date Collected: 02/06/25 13:00
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 92.8

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**6.0**	**J**	9.1	3.6	mg/Kg	☼	02/10/25 11:25	02/10/25 21:34	10
Cadmium	ND		7.3	0.43	mg/Kg	☼	02/10/25 11:25	02/10/25 21:34	10
Lead	**44**		22	11	mg/Kg	☼	02/10/25 11:25	02/10/25 21:34	10

Client Sample ID: TP-18-8
Lab Sample ID: 590-29348-24
Date Collected: 02/06/25 13:05
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 95.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND	*-	380	170	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Acenaphthene	ND		170	35	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Acenaphthylene	ND		170	42	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Anthracene	**35**	**J**	170	35	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Benzo[a]anthracene	**190**		170	35	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Benzo[a]pyrene	**200**		170	35	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Benzo[b]fluoranthene	**370**		170	35	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Benzo[g,h,i]perylene	**130**	**J**	170	35	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Benzo[k]fluoranthene	**130**	**J**	170	35	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Bis(2-ethylhexyl) phthalate	ND		1700	700	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Butyl benzyl phthalate	ND		1700	700	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Chrysene	**200**		170	35	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Dibenz(a,h)anthracene	ND		170	70	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Diethyl phthalate	ND		1700	700	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Dimethyl phthalate	ND		1700	700	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Di-n-butyl phthalate	ND		1700	700	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Di-n-octyl phthalate	ND		1700	700	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Fluoranthene	**120**	**J**	170	35	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Fluorene	ND		170	35	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Indeno[1,2,3-cd]pyrene	**96**	**J**	170	42	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Naphthalene	ND		170	70	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Phenanthrene	**84**	**J**	170	42	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Phenol	ND		380	170	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10
Pyrene	**170**		170	35	ug/Kg	☼	02/07/25 19:08	02/11/25 01:20	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*60*		*13 - 127*	*02/07/25 19:08*	*02/11/25 01:20*	*10*
2-Fluorobiphenyl (Surr)	*70*		*29 - 120*	*02/07/25 19:08*	*02/11/25 01:20*	*10*
2-Fluorophenol (Surr)	*57*		*18 - 120*	*02/07/25 19:08*	*02/11/25 01:20*	*10*
Nitrobenzene-d5 (Surr)	*56*		*22 - 120*	*02/07/25 19:08*	*02/11/25 01:20*	*10*
Phenol-d5 (Surr)	*57*		*20 - 120*	*02/07/25 19:08*	*02/11/25 01:20*	*10*
p-Terphenyl-d14 (Surr)	*83*		*36 - 123*	*02/07/25 19:08*	*02/11/25 01:20*	*10*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		9.3	3.7	mg/Kg	☼	02/10/25 11:25	02/10/25 21:39	10
Cadmium	**0.56**	**J**	7.5	0.44	mg/Kg	☼	02/10/25 11:25	02/10/25 21:39	10
Lead	**150**		22	11	mg/Kg	☼	02/10/25 11:25	02/10/25 21:39	10

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

Lab Sample ID: MB 410-603752/1-A
Matrix: Solid
Analysis Batch: 604048

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 603752

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		37	17	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Acenaphthene	ND		17	3.3	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Acenaphthylene	ND		17	4.0	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Anthracene	ND		17	3.3	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Benzo[a]anthracene	ND		17	3.3	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Benzo[a]pyrene	ND		17	3.3	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Bis(2-ethylhexyl) phthalate	ND		170	67	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Butyl benzyl phthalate	ND		170	67	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Chrysene	ND		17	3.3	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Diethyl phthalate	ND		170	67	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Dimethyl phthalate	ND		170	67	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Di-n-butyl phthalate	ND		170	67	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Di-n-octyl phthalate	ND		170	67	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Fluoranthene	ND		17	3.3	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Fluorene	ND		17	3.3	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Indeno[1,2,3-cd]pyrene	ND		17	4.0	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Naphthalene	ND		17	6.7	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Phenanthrene	ND		17	4.0	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Phenol	ND		37	17	ug/Kg		02/07/25 15:53	02/10/25 09:19	1
Pyrene	ND		17	3.3	ug/Kg		02/07/25 15:53	02/10/25 09:19	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*92*		*13 - 127*	*02/07/25 15:53*	*02/10/25 09:19*	*1*
2-Fluorobiphenyl (Surr)	*77*		*29 - 120*	*02/07/25 15:53*	*02/10/25 09:19*	*1*
2-Fluorophenol (Surr)	*80*		*18 - 120*	*02/07/25 15:53*	*02/10/25 09:19*	*1*
Nitrobenzene-d5 (Surr)	*74*		*22 - 120*	*02/07/25 15:53*	*02/10/25 09:19*	*1*
Phenol-d5 (Surr)	*73*		*20 - 120*	*02/07/25 15:53*	*02/10/25 09:19*	*1*
p-Terphenyl-d14 (Surr)	*98*		*36 - 123*	*02/07/25 15:53*	*02/10/25 09:19*	*1*

Lab Sample ID: LCS 410-603752/2-A
Matrix: Solid
Analysis Batch: 604048

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 603752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	1670	994		ug/Kg		60	60 - 120
Acenaphthene	1670	1090		ug/Kg		65	61 - 120
Acenaphthylene	1670	1050		ug/Kg		63	60 - 120
Anthracene	1670	1290		ug/Kg		78	69 - 120
Benzo[a]anthracene	1670	1180		ug/Kg		71	68 - 120
Benzo[a]pyrene	1670	1340		ug/Kg		80	71 - 120
Benzo[b]fluoranthene	1670	1290		ug/Kg		77	66 - 120
Benzo[g,h,i]perylene	1670	1470		ug/Kg		88	69 - 120
Benzo[k]fluoranthene	1670	1240		ug/Kg		75	63 - 120
Bis(2-ethylhexyl) phthalate	1670	1320		ug/Kg		79	57 - 127

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

Lab Sample ID: LCS 410-603752/2-A
Matrix: Solid
Analysis Batch: 604048

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 603752

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Butyl benzyl phthalate	1670	1310		ug/Kg		79	57 - 122
Chrysene	1670	1230		ug/Kg		74	67 - 120
Dibenz(a,h)anthracene	1670	1410		ug/Kg		85	70 - 123
Diethyl phthalate	1670	1330		ug/Kg		80	62 - 120
Dimethyl phthalate	1670	1210		ug/Kg		73	61 - 120
Di-n-butyl phthalate	1670	1440		ug/Kg		86	67 - 128
Di-n-octyl phthalate	1670	1370		ug/Kg		82	58 - 136
Fluoranthene	1670	1290		ug/Kg		77	67 - 120
Fluorene	1670	1160		ug/Kg		69	63 - 120
Indeno[1,2,3-cd]pyrene	1670	1420		ug/Kg		85	67 - 122
Naphthalene	1670	980		ug/Kg		59	56 - 120
Phenanthrene	1670	1270		ug/Kg		76	63 - 120
Phenol	1670	893		ug/Kg		54	49 - 120
Pyrene	1670	1210		ug/Kg		73	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*81*		*13 - 127*
2-Fluorobiphenyl (Surr)	*60*		*29 - 120*
2-Fluorophenol (Surr)	*61*		*18 - 120*
Nitrobenzene-d5 (Surr)	*55*		*22 - 120*
Phenol-d5 (Surr)	*54*		*20 - 120*
p-Terphenyl-d14 (Surr)	*85*		*36 - 123*

Lab Sample ID: 590-29348-1 MS
Matrix: Solid
Analysis Batch: 604048

Client Sample ID: TP-7-4
Prep Type: Total/NA
Prep Batch: 603752

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	ND	F1	1710	1180		ug/Kg	☼	69	61 - 120
Acenaphthene	ND		1710	1410		ug/Kg	☼	82	65 - 120
Acenaphthylene	ND		1710	1370		ug/Kg	☼	80	66 - 120
Anthracene	ND		1710	1520		ug/Kg	☼	89	69 - 120
Benzo[a]anthracene	ND		1710	1520		ug/Kg	☼	89	68 - 120
Benzo[a]pyrene	4.6	J	1710	1540		ug/Kg	☼	90	71 - 120
Benzo[b]fluoranthene	5.8	J	1710	1400		ug/Kg	☼	82	66 - 120
Benzo[g,h,i]perylene	5.4	J	1710	1570		ug/Kg	☼	91	69 - 120
Benzo[k]fluoranthene	ND		1710	1500		ug/Kg	☼	88	68 - 120
Bis(2-ethylhexyl) phthalate	ND		1710	1660		ug/Kg	☼	97	65 - 122
Butyl benzyl phthalate	ND		1710	1620		ug/Kg	☼	95	64 - 120
Chrysene	4.7	J	1710	1480		ug/Kg	☼	86	67 - 120
Dibenz(a,h)anthracene	ND		1710	1540		ug/Kg	☼	90	70 - 123
Diethyl phthalate	ND		1710	1540		ug/Kg	☼	90	66 - 120
Dimethyl phthalate	ND		1710	1450		ug/Kg	☼	85	65 - 120
Di-n-butyl phthalate	ND		1710	1690		ug/Kg	☼	99	67 - 128
Di-n-octyl phthalate	ND		1710	1580		ug/Kg	☼	93	64 - 128
Fluoranthene	5.2	J	1710	1510		ug/Kg	☼	88	67 - 120
Fluorene	ND		1710	1450		ug/Kg	☼	85	67 - 120
Indeno[1,2,3-cd]pyrene	ND		1710	1550		ug/Kg	☼	91	67 - 122

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

Lab Sample ID: 590-29348-1 MS
Matrix: Solid
Analysis Batch: 604048

Client Sample ID: TP-7-4
Prep Type: Total/NA
Prep Batch: 603752

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Naphthalene	ND	F1	1710	1170		ug/Kg	☼	69	62 - 120
Phenanthrene	ND		1710	1530		ug/Kg	☼	89	69 - 120
Phenol	ND	F1 F2	1710	1130		ug/Kg	☼	66	54 - 120
Pyrene	6.2	J	1710	1390		ug/Kg	☼	81	69 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*95*		*13 - 127*
2-Fluorobiphenyl (Surr)	*78*		*29 - 120*
2-Fluorophenol (Surr)	*67*		*18 - 120*
Nitrobenzene-d5 (Surr)	*62*		*22 - 120*
Phenol-d5 (Surr)	*66*		*20 - 120*
p-Terphenyl-d14 (Surr)	*99*		*36 - 123*

Lab Sample ID: 590-29348-1 MSD
Matrix: Solid
Analysis Batch: 604048

Client Sample ID: TP-7-4
Prep Type: Total/NA
Prep Batch: 603752

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND	F1	1710	892	F1	ug/Kg	☼	52	61 - 120	28	30
Acenaphthene	ND		1710	1310		ug/Kg	☼	76	65 - 120	7	30
Acenaphthylene	ND		1710	1290		ug/Kg	☼	75	66 - 120	6	30
Anthracene	ND		1710	1540		ug/Kg	☼	90	69 - 120	1	30
Benzo[a]anthracene	ND		1710	1560		ug/Kg	☼	91	68 - 120	2	30
Benzo[a]pyrene	4.6	J	1710	1520		ug/Kg	☼	89	71 - 120	1	30
Benzo[b]fluoranthene	5.8	J	1710	1380		ug/Kg	☼	81	66 - 120	1	30
Benzo[g,h,i]perylene	5.4	J	1710	1590		ug/Kg	☼	93	69 - 120	2	30
Benzo[k]fluoranthene	ND		1710	1520		ug/Kg	☼	89	68 - 120	1	30
Bis(2-ethylhexyl) phthalate	ND		1710	1680		ug/Kg	☼	98	65 - 122	1	30
Butyl benzyl phthalate	ND		1710	1630		ug/Kg	☼	95	64 - 120	0	30
Chrysene	4.7	J	1710	1520		ug/Kg	☼	89	67 - 120	3	30
Dibenz(a,h)anthracene	ND		1710	1560		ug/Kg	☼	91	70 - 123	1	30
Diethyl phthalate	ND		1710	1560		ug/Kg	☼	91	66 - 120	1	30
Dimethyl phthalate	ND		1710	1480		ug/Kg	☼	86	65 - 120	2	30
Di-n-butyl phthalate	ND		1710	1740		ug/Kg	☼	102	67 - 128	3	30
Di-n-octyl phthalate	ND		1710	1590		ug/Kg	☼	93	64 - 128	1	30
Fluoranthene	5.2	J	1710	1530		ug/Kg	☼	89	67 - 120	1	30
Fluorene	ND		1710	1430		ug/Kg	☼	84	67 - 120	2	30
Indeno[1,2,3-cd]pyrene	ND		1710	1560		ug/Kg	☼	92	67 - 122	1	30
Naphthalene	ND	F1	1710	890	F1	ug/Kg	☼	52	62 - 120	28	30
Phenanthrene	ND		1710	1530		ug/Kg	☼	89	69 - 120	0	30
Phenol	ND	F1 F2	1710	815	F1 F2	ug/Kg	☼	48	54 - 120	32	30
Pyrene	6.2	J	1710	1450		ug/Kg	☼	84	69 - 120	4	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*92*		*13 - 127*
2-Fluorobiphenyl (Surr)	*68*		*29 - 120*
2-Fluorophenol (Surr)	*47*		*18 - 120*
Nitrobenzene-d5 (Surr)	*47*		*22 - 120*

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

Lab Sample ID: 590-29348-1 MSD
Matrix: Solid
Analysis Batch: 604048

Client Sample ID: TP-7-4
Prep Type: Total/NA
Prep Batch: 603752

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
Phenol-d5 (Surr)	*48*		*20 - 120*
p-Terphenyl-d14 (Surr)	*100*		*36 - 123*

Lab Sample ID: MB 410-603838/1-A
Matrix: Solid
Analysis Batch: 604048

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 603838

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		37	17	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Acenaphthene	ND		17	3.3	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Acenaphthylene	ND		17	4.0	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Anthracene	ND		17	3.3	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Benzo[a]anthracene	ND		17	3.3	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Benzo[a]pyrene	ND		17	3.3	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Benzo[b]fluoranthene	ND		17	3.3	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Benzo[g,h,i]perylene	ND		17	3.3	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Benzo[k]fluoranthene	ND		17	3.3	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Bis(2-ethylhexyl) phthalate	ND		170	67	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Butyl benzyl phthalate	ND		170	67	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Chrysene	ND		17	3.3	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Dibenz(a,h)anthracene	ND		17	6.7	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Diethyl phthalate	ND		170	67	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Dimethyl phthalate	ND		170	67	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Di-n-butyl phthalate	ND		170	67	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Di-n-octyl phthalate	ND		170	67	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Fluoranthene	ND		17	3.3	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Fluorene	ND		17	3.3	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Indeno[1,2,3-cd]pyrene	ND		17	4.0	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Naphthalene	ND		17	6.7	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Phenanthrene	ND		17	4.0	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Phenol	ND		37	17	ug/Kg		02/07/25 19:08	02/10/25 10:05	1
Pyrene	ND		17	3.3	ug/Kg		02/07/25 19:08	02/10/25 10:05	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*95*		*13 - 127*	*02/07/25 19:08*	*02/10/25 10:05*	*1*
2-Fluorobiphenyl (Surr)	*80*		*29 - 120*	*02/07/25 19:08*	*02/10/25 10:05*	*1*
2-Fluorophenol (Surr)	*82*		*18 - 120*	*02/07/25 19:08*	*02/10/25 10:05*	*1*
Nitrobenzene-d5 (Surr)	*76*		*22 - 120*	*02/07/25 19:08*	*02/10/25 10:05*	*1*
Phenol-d5 (Surr)	*74*		*20 - 120*	*02/07/25 19:08*	*02/10/25 10:05*	*1*
p-Terphenyl-d14 (Surr)	*105*		*36 - 123*	*02/07/25 19:08*	*02/10/25 10:05*	*1*

Lab Sample ID: LCS 410-603838/2-A
Matrix: Solid
Analysis Batch: 604048

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 603838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	1670	929	*-	ug/Kg		56	60 - 120
Acenaphthene	1670	1200		ug/Kg		72	61 - 120

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

Lab Sample ID: LCS 410-603838/2-A
Matrix: Solid
Analysis Batch: 604048

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 603838

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Acenaphthylene	1670	1190		ug/Kg		72	60 - 120
Anthracene	1670	1360		ug/Kg		82	69 - 120
Benzo[a]anthracene	1670	1290		ug/Kg		77	68 - 120
Benzo[a]pyrene	1670	1380		ug/Kg		83	71 - 120
Benzo[b]fluoranthene	1670	1350		ug/Kg		81	66 - 120
Benzo[g,h,i]perylene	1670	1440		ug/Kg		86	69 - 120
Benzo[k]fluoranthene	1670	1280		ug/Kg		77	63 - 120
Bis(2-ethylhexyl) phthalate	1670	1420		ug/Kg		85	57 - 127
Butyl benzyl phthalate	1670	1400		ug/Kg		84	57 - 122
Chrysene	1670	1340		ug/Kg		80	67 - 120
Dibenz(a,h)anthracene	1670	1400		ug/Kg		84	70 - 123
Diethyl phthalate	1670	1370		ug/Kg		82	62 - 120
Dimethyl phthalate	1670	1320		ug/Kg		79	61 - 120
Di-n-butyl phthalate	1670	1490		ug/Kg		89	67 - 128
Di-n-octyl phthalate	1670	1440		ug/Kg		87	58 - 136
Fluoranthene	1670	1360		ug/Kg		82	67 - 120
Fluorene	1670	1290		ug/Kg		77	63 - 120
Indeno[1,2,3-cd]pyrene	1670	1420		ug/Kg		85	67 - 122
Naphthalene	1670	940		ug/Kg		56	56 - 120
Phenanthrene	1670	1350		ug/Kg		81	63 - 120
Phenol	1670	926		ug/Kg		56	49 - 120
Pyrene	1670	1250		ug/Kg		75	65 - 120

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*88*		*13 - 127*
2-Fluorobiphenyl (Surr)	*66*		*29 - 120*
2-Fluorophenol (Surr)	*53*		*18 - 120*
Nitrobenzene-d5 (Surr)	*52*		*22 - 120*
Phenol-d5 (Surr)	*55*		*20 - 120*
p-Terphenyl-d14 (Surr)	*89*		*36 - 123*

Lab Sample ID: 590-29348-21 MS
Matrix: Solid
Analysis Batch: 604378

Client Sample ID: TP-17-4
Prep Type: Total/NA
Prep Batch: 603838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	ND	*-	1800	1270		ug/Kg	☼	71	61 - 120
Acenaphthene	ND		1800	1380		ug/Kg	☼	77	65 - 120
Acenaphthylene	ND		1800	1350		ug/Kg	☼	75	66 - 120
Anthracene	ND	F1	1800	1430		ug/Kg	☼	79	69 - 120
Benzo[a]anthracene	51	J F1	1800	1500		ug/Kg	☼	80	68 - 120
Benzo[a]pyrene	75	J F1	1800	1490		ug/Kg	☼	78	71 - 120
Benzo[b]fluoranthene	79	J F1	1800	1400		ug/Kg	☼	73	66 - 120
Benzo[g,h,i]perylene	96	J F1	1800	1520		ug/Kg	☼	79	69 - 120
Benzo[k]fluoranthene	43	J F1	1800	1430		ug/Kg	☼	77	68 - 120
Bis(2-ethylhexyl) phthalate	ND	F1	1800	1250	J	ug/Kg	☼	70	65 - 122
Butyl benzyl phthalate	ND	F1	1800	1120	J F1	ug/Kg	☼	62	64 - 120
Chrysene	81	J F1	1800	1560		ug/Kg	☼	82	67 - 120

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

Lab Sample ID: 590-29348-21 MS
Matrix: Solid
Analysis Batch: 604378

Client Sample ID: TP-17-4
Prep Type: Total/NA
Prep Batch: 603838

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Dibenz(a,h)anthracene	ND	F1	1800	1330		ug/Kg	☼	74	70 - 123
Diethyl phthalate	ND	F1	1800	1340	J	ug/Kg	☼	74	66 - 120
Dimethyl phthalate	ND		1800	1330	J	ug/Kg	☼	74	65 - 120
Di-n-butyl phthalate	ND	F1	1800	1220	J	ug/Kg	☼	68	67 - 128
Di-n-octyl phthalate	ND		1800	2020		ug/Kg	☼	112	64 - 128
Fluoranthene	110	J	1800	1680		ug/Kg	☼	87	67 - 120
Fluorene	ND		1800	1390		ug/Kg	☼	77	67 - 120
Indeno[1,2,3-cd]pyrene	48	J F1	1800	1440		ug/Kg	☼	77	67 - 122
Naphthalene	ND		1800	1290		ug/Kg	☼	71	62 - 120
Phenanthrene	93	J F1	1800	1560		ug/Kg	☼	81	69 - 120
Phenol	ND		1800	1200		ug/Kg	☼	67	54 - 120
Pyrene	130	J F1	1800	1650		ug/Kg	☼	84	69 - 120

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*68*		*13 - 127*
2-Fluorobiphenyl (Surr)	*74*		*29 - 120*
2-Fluorophenol (Surr)	*67*		*18 - 120*
Nitrobenzene-d5 (Surr)	*62*		*22 - 120*
Phenol-d5 (Surr)	*67*		*20 - 120*
p-Terphenyl-d14 (Surr)	*87*		*36 - 123*

Lab Sample ID: 590-29348-21 MSD
Matrix: Solid
Analysis Batch: 604378

Client Sample ID: TP-17-4
Prep Type: Total/NA
Prep Batch: 603838

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene	ND	*-	1810	1230		ug/Kg	☼	68	61 - 120	3	30
Acenaphthene	ND		1810	1250		ug/Kg	☼	69	65 - 120	10	30
Acenaphthylene	ND		1810	1180		ug/Kg	☼	66	66 - 120	13	30
Anthracene	ND	F1	1810	1200	F1	ug/Kg	☼	67	69 - 120	17	30
Benzo[a]anthracene	51	J F1	1810	1210	F1	ug/Kg	☼	64	68 - 120	22	30
Benzo[a]pyrene	75	J F1	1810	1230	F1	ug/Kg	☼	64	71 - 120	19	30
Benzo[b]fluoranthene	79	J F1	1810	1170	F1	ug/Kg	☼	61	66 - 120	18	30
Benzo[g,h,i]perylene	96	J F1	1810	1240	F1	ug/Kg	☼	64	69 - 120	20	30
Benzo[k]fluoranthene	43	J F1	1810	1190	F1	ug/Kg	☼	64	68 - 120	18	30
Bis(2-ethylhexyl) phthalate	ND	F1	1810	1140	J F1	ug/Kg	☼	63	65 - 122	10	30
Butyl benzyl phthalate	ND	F1	1810	1060	J F1	ug/Kg	☼	59	64 - 120	5	30
Chrysene	81	J F1	1810	1260	F1	ug/Kg	☼	65	67 - 120	21	30
Dibenz(a,h)anthracene	ND	F1	1810	1190	F1	ug/Kg	☼	66	70 - 123	11	30
Diethyl phthalate	ND	F1	1810	1180	J F1	ug/Kg	☼	65	66 - 120	12	30
Dimethyl phthalate	ND		1810	1210	J	ug/Kg	☼	67	65 - 120	9	30
Di-n-butyl phthalate	ND	F1	1810	1050	J F1	ug/Kg	☼	58	67 - 128	15	30
Di-n-octyl phthalate	ND		1810	1900		ug/Kg	☼	105	64 - 128	6	30
Fluoranthene	110	J	1810	1370		ug/Kg	☼	70	67 - 120	20	30
Fluorene	ND		1810	1240		ug/Kg	☼	69	67 - 120	11	30
Indeno[1,2,3-cd]pyrene	48	J F1	1810	1200	F1	ug/Kg	☼	64	67 - 122	18	30
Naphthalene	ND		1810	1180		ug/Kg	☼	65	62 - 120	9	30
Phenanthrene	93	J F1	1810	1290	F1	ug/Kg	☼	66	69 - 120	19	30

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

Lab Sample ID: 590-29348-21 MSD
Matrix: Solid
Analysis Batch: 604378

Client Sample ID: TP-17-4
Prep Type: Total/NA
Prep Batch: 603838

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Phenol	ND		1810	1150		ug/Kg	☼	64	54 - 120	5	30
Pyrene	130	J F1	1810	1270	F1	ug/Kg	☼	63	69 - 120	26	30

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*61*		*13 - 127*
2-Fluorobiphenyl (Surr)	*67*		*29 - 120*
2-Fluorophenol (Surr)	*61*		*18 - 120*
Nitrobenzene-d5 (Surr)	*59*		*22 - 120*
Phenol-d5 (Surr)	*61*		*20 - 120*
p-Terphenyl-d14 (Surr)	*73*		*36 - 123*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 590-52246/2-A
Matrix: Solid
Analysis Batch: 52275

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52246

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.3	0.50	mg/Kg		02/10/25 11:19	02/10/25 16:59	1
Cadmium	ND		1.0	0.059	mg/Kg		02/10/25 11:19	02/10/25 16:59	1
Lead	ND		3.0	1.5	mg/Kg		02/10/25 11:19	02/10/25 16:59	1

Lab Sample ID: LCS 590-52246/1-A
Matrix: Solid
Analysis Batch: 52275

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52246

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	95.5		mg/Kg		96	80 - 120
Cadmium	50.0	47.4		mg/Kg		95	80 - 120
Lead	50.0	50.6		mg/Kg		101	80 - 120

Lab Sample ID: MB 590-52247/2-A
Matrix: Solid
Analysis Batch: 52275

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 52247

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.3	0.50	mg/Kg		02/10/25 11:25	02/10/25 19:33	1
Cadmium	ND		1.0	0.059	mg/Kg		02/10/25 11:25	02/10/25 19:33	1
Lead	ND		3.0	1.5	mg/Kg		02/10/25 11:25	02/10/25 19:33	1

Lab Sample ID: LCS 590-52247/1-A
Matrix: Solid
Analysis Batch: 52275

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 52247

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	85.8		mg/Kg		86	80 - 120
Cadmium	50.0	43.0		mg/Kg		86	80 - 120
Lead	50.0	44.6		mg/Kg		89	80 - 120

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

Lab Sample ID: 590-29348-11 MS
Matrix: Solid
Analysis Batch: 52275

Client Sample ID: TP-12-4
Prep Type: Total/NA
Prep Batch: 52247

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	15		102	96.3		mg/Kg	☼	80	75 - 125
Cadmium	ND		51.2	44.9		mg/Kg	☼	88	75 - 125
Lead	ND		51.2	51.3		mg/Kg	☼	100	75 - 125

Lab Sample ID: 590-29348-11 MSD
Matrix: Solid
Analysis Batch: 52275

Client Sample ID: TP-12-4
Prep Type: Total/NA
Prep Batch: 52247

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	15		101	103		mg/Kg	☼	87	75 - 125	6	20
Cadmium	ND		50.7	45.7		mg/Kg	☼	90	75 - 125	2	20
Lead	ND		50.7	51.6		mg/Kg	☼	102	75 - 125	0	20

Lab Sample ID: 590-29348-11 DU
Matrix: Solid
Analysis Batch: 52275

Client Sample ID: TP-12-4
Prep Type: Total/NA
Prep Batch: 52247

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	15		14.9		mg/Kg	☼	2	20
Cadmium	ND		ND		mg/Kg	☼	NC	20
Lead	ND		ND		mg/Kg	☼	NC	20

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Cora

Job ID: 590-29348-1

Client Sample ID: TP-7-4
Date Collected: 02/06/25 08:30
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-1
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-7-4
Date Collected: 02/06/25 08:30
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-1
Matrix: Solid
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.4 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604048	02/10/25 10:50	TB8M	ELLE
Total/NA	Prep	3050B			1.60 g	50 mL	52246	02/10/25 11:19	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 18:23	AMB	EET SPK

Client Sample ID: TP-7-8
Date Collected: 02/06/25 08:40
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-2
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-7-8
Date Collected: 02/06/25 08:40
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-2
Matrix: Solid
Percent Solids: 82.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.0 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604048	02/10/25 11:58	TB8M	ELLE
Total/NA	Prep	3050B			1.41 g	50 mL	52246	02/10/25 11:19	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 18:28	AMB	EET SPK

Client Sample ID: TP-8-4
Date Collected: 02/06/25 08:50
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-3
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-8-4
Date Collected: 02/06/25 08:50
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-3
Matrix: Solid
Percent Solids: 96.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.0 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604048	02/10/25 12:21	TB8M	ELLE
Total/NA	Prep	3050B			1.42 g	50 mL	52246	02/10/25 11:19	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 18:33	AMB	EET SPK

Client Sample ID: TP-8-8
Lab Sample ID: 590-29348-4
Date Collected: 02/06/25 09:00
Matrix: Solid
Date Received: 02/06/25 14:07

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			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-8-8
Lab Sample ID: 590-29348-4
Date Collected: 02/06/25 09:00
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 95.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.0 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604048	02/10/25 12:44	TB8M	ELLE
Total/NA	Prep	3050B			1.49 g	50 mL	52246	02/10/25 11:19	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 18:38	AMB	EET SPK

Client Sample ID: TP-9-4
Lab Sample ID: 590-29348-5
Date Collected: 02/06/25 09:10
Matrix: Solid
Date Received: 02/06/25 14:07

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			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-9-4
Lab Sample ID: 590-29348-5
Date Collected: 02/06/25 09:10
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.2 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604048	02/10/25 13:07	TB8M	ELLE
Total/NA	Prep	3050B			1.54 g	50 mL	52246	02/10/25 11:19	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 18:43	AMB	EET SPK

Client Sample ID: TP-9-8
Lab Sample ID: 590-29348-6
Date Collected: 02/06/25 09:15
Matrix: Solid
Date Received: 02/06/25 14:07

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			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-9-8
Lab Sample ID: 590-29348-6
Date Collected: 02/06/25 09:15
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.1 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604048	02/10/25 13:30	TB8M	ELLE
Total/NA	Prep	3050B			1.46 g	50 mL	52246	02/10/25 11:19	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 19:03	AMB	EET SPK

Client Sample ID: TP-10-4
Lab Sample ID: 590-29348-7
Date Collected: 02/06/25 10:00
Matrix: Solid
Date Received: 02/06/25 14:07

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			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-10-4
Lab Sample ID: 590-29348-7
Date Collected: 02/06/25 10:00
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 95.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.3 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604048	02/10/25 13:53	TB8M	ELLE
Total/NA	Prep	3050B			1.57 g	50 mL	52246	02/10/25 11:19	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 19:08	AMB	EET SPK

Client Sample ID: TP-10-8
Lab Sample ID: 590-29348-8
Date Collected: 02/06/25 10:10
Matrix: Solid
Date Received: 02/06/25 14:07

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			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-10-8
Lab Sample ID: 590-29348-8
Date Collected: 02/06/25 10:10
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 95.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.0 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604048	02/10/25 14:16	TB8M	ELLE
Total/NA	Prep	3050B			1.44 g	50 mL	52246	02/10/25 11:19	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 19:13	AMB	EET SPK

Client Sample ID: TP-11-4
Lab Sample ID: 590-29348-9
Date Collected: 02/06/25 10:20
Matrix: Solid
Date Received: 02/06/25 14:07

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			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-11-4
Lab Sample ID: 590-29348-9
Date Collected: 02/06/25 10:20
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.3 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604048	02/10/25 14:40	TB8M	ELLE
Total/NA	Prep	3050B			1.33 g	50 mL	52246	02/10/25 11:19	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 19:18	AMB	EET SPK

Client Sample ID: TP-11-8
Date Collected: 02/06/25 10:30
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-10
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-11-8
Date Collected: 02/06/25 10:30
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-10
Matrix: Solid
Percent Solids: 96.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.3 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604048	02/10/25 15:03	TB8M	ELLE
Total/NA	Prep	3050B			1.51 g	50 mL	52246	02/10/25 11:19	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 19:23	AMB	EET SPK

Client Sample ID: TP-12-4
Date Collected: 02/06/25 10:35
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-12-4
Date Collected: 02/06/25 10:35
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-11
Matrix: Solid
Percent Solids: 97.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.4 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604048	02/10/25 15:26	TB8M	ELLE
Total/NA	Prep	3050B			1.33 g	50 mL	52247	02/10/25 11:25	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 19:38	AMB	EET SPK

Client Sample ID: TP-12-8
Date Collected: 02/06/25 10:40
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-12
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-12-8
Date Collected: 02/06/25 10:40
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-12
Matrix: Solid
Percent Solids: 97.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.1 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604048	02/10/25 15:49	TB8M	ELLE
Total/NA	Prep	3050B			1.28 g	50 mL	52247	02/10/25 11:25	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 20:23	AMB	EET SPK

Client Sample ID: TP-13-4
Date Collected: 02/06/25 11:00
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-13
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-13-4
Date Collected: 02/06/25 11:00
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-13
Matrix: Solid
Percent Solids: 97.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.3 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604048	02/10/25 16:12	TB8M	ELLE
Total/NA	Prep	3050B			1.42 g	50 mL	52247	02/10/25 11:25	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 20:28	AMB	EET SPK

Client Sample ID: TP-13-8
Date Collected: 02/06/25 11:05
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-14
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-13-8
Date Collected: 02/06/25 11:05
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-14
Matrix: Solid
Percent Solids: 97.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.3 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604048	02/10/25 16:36	TB8M	ELLE
Total/NA	Prep	3050B			1.30 g	50 mL	52247	02/10/25 11:25	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 20:33	AMB	EET SPK

Client Sample ID: TP-14-4
Date Collected: 02/06/25 11:20
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-15
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-14-4
Date Collected: 02/06/25 11:20
Date Received: 02/06/25 14:07

Lab Sample ID: 590-29348-15
Matrix: Solid
Percent Solids: 97.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.4 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		10	1 mL	1 mL	604048	02/10/25 16:59	TB8M	ELLE
Total/NA	Prep	3050B			1.31 g	50 mL	52247	02/10/25 11:25	AMB	EET SPK
Total/NA	Analysis	6010D		1			52275	02/10/25 20:38	AMB	EET SPK

Client Sample ID: TP-14-8
Lab Sample ID: 590-29348-16
Date Collected: 02/06/25 11:30
Matrix: Solid
Date Received: 02/06/25 14:07

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			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-14-8
Lab Sample ID: 590-29348-16
Date Collected: 02/06/25 11:30
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.0 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604572	02/11/25 12:23	W6ZA	ELLE
Total/NA	Prep	3050B			1.30 g	50 mL	52247	02/10/25 11:25	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 20:43	AMB	EET SPK

Client Sample ID: TP-15-4
Lab Sample ID: 590-29348-17
Date Collected: 02/06/25 12:10
Matrix: Solid
Date Received: 02/06/25 14:07

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			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-15-4
Lab Sample ID: 590-29348-17
Date Collected: 02/06/25 12:10
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 97.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.1 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604378	02/10/25 21:43	SJ89	ELLE
Total/NA	Prep	3050B			1.41 g	50 mL	52247	02/10/25 11:25	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 20:49	AMB	EET SPK

Client Sample ID: TP-15-8
Lab Sample ID: 590-29348-18
Date Collected: 02/06/25 12:15
Matrix: Solid
Date Received: 02/06/25 14:07

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			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-15-8
Lab Sample ID: 590-29348-18
Date Collected: 02/06/25 12:15
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 98.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.1 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604378	02/10/25 22:07	SJ89	ELLE
Total/NA	Prep	3050B			1.43 g	50 mL	52247	02/10/25 11:25	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 20:54	AMB	EET SPK

Client Sample ID: TP-16-4
Lab Sample ID: 590-29348-19
Date Collected: 02/06/25 12:25
Matrix: Solid
Date Received: 02/06/25 14:07

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			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-16-4
Lab Sample ID: 590-29348-19
Date Collected: 02/06/25 12:25
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 93.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.3 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		10	1 mL	1 mL	604378	02/10/25 22:31	SJ89	ELLE
Total/NA	Prep	3050B			1.34 g	50 mL	52247	02/10/25 11:25	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 21:14	AMB	EET SPK

Client Sample ID: TP-16-8
Lab Sample ID: 590-29348-20
Date Collected: 02/06/25 12:30
Matrix: Solid
Date Received: 02/06/25 14:07

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			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-16-8
Lab Sample ID: 590-29348-20
Date Collected: 02/06/25 12:30
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 96.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.4 g	1 mL	603752	02/07/25 15:53	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604378	02/10/25 22:55	SJ89	ELLE
Total/NA	Prep	3050B			1.40 g	50 mL	52247	02/10/25 11:25	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 21:19	AMB	EET SPK

Client Sample ID: TP-17-4
Lab Sample ID: 590-29348-21
Date Collected: 02/06/25 12:45
Matrix: Solid
Date Received: 02/06/25 14:07

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			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-17-4
Lab Sample ID: 590-29348-21
Date Collected: 02/06/25 12:45
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 91.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.0 g	1 mL	603838	02/07/25 19:08	T9CY	ELLE
Total/NA	Analysis	8270E		10	1 mL	1 mL	604378	02/10/25 23:19	SJ89	ELLE
Total/NA	Prep	3050B			1.38 g	50 mL	52247	02/10/25 11:25	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 21:24	AMB	EET SPK

Client Sample ID: TP-17-8
Lab Sample ID: 590-29348-22
Date Collected: 02/06/25 12:50
Matrix: Solid
Date Received: 02/06/25 14:07

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			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-17-8
Lab Sample ID: 590-29348-22
Date Collected: 02/06/25 12:50
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 95.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.3 g	1 mL	603838	02/07/25 19:08	T9CY	ELLE
Total/NA	Analysis	8270E		1	1 mL	1 mL	604378	02/11/25 00:32	SJ89	ELLE
Total/NA	Prep	3050B			1.44 g	50 mL	52247	02/10/25 11:25	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 21:29	AMB	EET SPK

Client Sample ID: TP-18-4
Lab Sample ID: 590-29348-23
Date Collected: 02/06/25 13:00
Matrix: Solid
Date Received: 02/06/25 14:07

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			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-18-4
Lab Sample ID: 590-29348-23
Date Collected: 02/06/25 13:00
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 92.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.4 g	1 mL	603838	02/07/25 19:08	T9CY	ELLE
Total/NA	Analysis	8270E		10	1 mL	1 mL	604378	02/11/25 00:56	SJ89	ELLE
Total/NA	Prep	3050B			1.48 g	50 mL	52247	02/10/25 11:25	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 21:34	AMB	EET SPK

Client Sample ID: TP-18-8
Lab Sample ID: 590-29348-24
Date Collected: 02/06/25 13:05
Matrix: Solid
Date Received: 02/06/25 14:07

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			52213	02/07/25 10:48	AMB	EET SPK

Client Sample ID: TP-18-8
Lab Sample ID: 590-29348-24
Date Collected: 02/06/25 13:05
Matrix: Solid
Date Received: 02/06/25 14:07
Percent Solids: 95.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			30.1 g	1 mL	603838	02/07/25 19:08	T9CY	ELLE
Total/NA	Analysis	8270E		10	1 mL	1 mL	604378	02/11/25 01:20	SJ89	ELLE
Total/NA	Prep	3050B			1.41 g	50 mL	52247	02/10/25 11:25	AMB	EET SPK
Total/NA	Analysis	6010D		10			52275	02/10/25 21:39	AMB	EET SPK

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Cora

Job ID: 590-29348-1

Laboratory References:

EET SPK = Eurofins Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Accreditation/Certification Summary

Client: Spokane Environmental Solutions LLC
Job ID: 590-29348-1
Project/Site: Cora

Laboratory: Eurofins Spokane

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

Authority	Program	Identification Number	Expiration Date
Washington	State	C569	01-06-26

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

Analysis Method	Prep Method	Matrix	Analyte
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Laboratory: Eurofins Lancaster Laboratories Environment Testing, 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
A2LA	Dept. of Defense ELAP	0001.01	11-30-26
A2LA	Dept. of Energy	0001.01	11-30-26
A2LA	ISO/IEC 17025	0001.01	11-30-26
Alabama	State	43200	01-31-26
Alaska	State	PA00009	06-30-25
Alaska (UST)	State	17-027	02-28-25
Arizona	State	AZ0780	03-12-25
Arkansas DEQ	State	88-00660	08-09-25
California	State	2792	01-31-26
Colorado	State	PA00009	06-30-25
Connecticut	State	PH-0746	06-30-25
Delaware (DW)	State	N/A	01-31-26
Florida	NELAP	E87997	06-30-25
Illinois	NELAP	200027	01-31-26
Iowa	State	361	03-01-26
Kansas	NELAP	E-10151	10-31-25
Kentucky (DW)	State	KY90088	12-31-25
Kentucky (UST)	State	0001.01	11-30-26
Kentucky (WW)	State	KY90088	12-31-25
Louisiana (All)	NELAP	02055	06-30-25
Maine	State	2019012	03-12-25
Maryland	State	100	06-30-25
Massachusetts	State	M-PA009	06-30-25
Michigan	State	9930	01-31-25 *
Minnesota	NELAP	042-999-487	12-31-25
Mississippi	State	023	01-31-26
Missouri	State	450	01-31-28
Montana (DW)	State	0098	01-01-26
Nebraska	State	NE-OS-32-17	01-31-25 *
New Hampshire	NELAP	2730	01-10-26
New Jersey	NELAP	PA011	06-30-25
New York	NELAP	10670	04-01-25
North Carolina (DW)	State	42705	07-31-25
North Carolina (WW/SW)	State	521	12-31-25
North Dakota	State	R-205	01-31-24 *
Oklahoma	NELAP	9804	08-31-25
Oregon	NELAP	PA200001	09-11-25
Pennsylvania	NELAP	36-00037	01-31-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Laboratory: Eurofins Lancaster Laboratories Environment Testing, LLC (Continued)

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

Authority	Program	Identification Number	Expiration Date
Quebec Ministry of Environment and Fight against Climate Change	PALA	507	09-16-29
Rhode Island	State	LAO00338	12-30-25
South Carolina	State	89002	01-31-25 *
Tennessee	State	02838	01-31-26
Texas	NELAP	T104704194-23-46	08-31-25
USDA	US Federal Programs	525-22-298-19481	10-25-25
Vermont	State	VT - 36037	10-28-25
Virginia	NELAP	460182	06-14-25
Washington	State	C457	04-11-25
West Virginia (DW)	State	9906 C	01-31-26
West Virginia DEP	State	055	07-31-25
Wyoming	State	8TMS-L	01-31-26
Wyoming (UST)	A2LA	0001.01	11-30-26

* Accreditation/Certification renewal pending - accreditation/certification considered valid.

Method Summary

Client: Spokane Environmental Solutions LLC
Project/Site: Cora

Job ID: 590-29348-1

Method	Method Description	Protocol	Laboratory
8270E	Semivolatile Organic Compounds (GC/MS)	SW846	ELLE
6010D	Metals (ICP)	SW846	EET SPK
Moisture	Percent Moisture	EPA	EET SPK
3050B	Preparation, Metals	SW846	EET SPK
3546	Microwave Extraction	SW846	ELLE

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:

EET SPK = Eurofins Spokane, 11922 East 1st Ave, Spokane, WA 99206, TEL (509)924-9200

ELLE = Eurofins Lancaster Laboratories Environment Testing, LLC, 2425 New Holland Pike, Lancaster, PA 17601, TEL (717)656-2300

Eurofins Spokane
11922 E 1st Avenue
Spokane, WA 99206-5302
phone 509.924.9200 fax 509.924.9290

Chain of Custody Record

eurofins | Environment Testing America

Regulatory Program ☐DW ☐NPDES ☐RCRA ☒Other MTCA

Eurofins Environment Testing America

Client Contact	Project Manager: GARY PANTHER	Site Contact: GARY PANTHER	Date:	COC No:
Your Company Name here SES	Email: GARY@SPOKANEENVIRONMENT.COM	Lab Contact:	Carrier:	____ of ____ COCs
Address 2020 E SPRINGFIELD	Tel/Fax:			TALS Project #:
City/State/Zip SPOKANE WA 99202	Analysis Turnaround Time			Sampler:
(xxx) xxx-xxxx Phone 5099545090	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
(xxx) xxx-xxxx FAX	TAT if different from Below 3-DA			Walk-in Client:
Project Name: COPA	☐ 2 weeks			Lab Sampling:
Site COPA	☐ 1 week			Job / SDG No.
PO#	☐ 2 days			
	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	AS, Cd Pb	SVOC 8270E	Sample Specific Notes:
TP-7-4	2-6-25	830	C	S	2			X	X	
TP-7-8		840						X	X	
TP-8-4		850						X	X	
TP-8-8		900						X	X	
TP-9-4		910						X	X	
TP-9-8		915						X	X	
TP-10-4		1000						X	X	
TP-10-8		1010						X	X	
TP-11-4		1020						X	X	
TP-11-8		1030						X	X	
TP-12-4		1035						X	X	
TP-12-8		1040						X	X	

590-29348 Chain of Custody

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.
☒Non-Hazard ☐Flammable ☐Skin Irritant ☐Poison B ☐Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐Return to Client ☐Disposal by Lab ☐Archive for ____ Months

Special Instructions/QC Requirements & Comments:
8270E - CUSTOM LIST.

Custody Seals Intact: ☐Yes ☐No	Custody Seal No.	Cooler Temp. (°C): Obs'd: 4.2	Corr'd: 4.6	Therm ID No.: R004
Relinquished by:	Company: SES	Date/Time: 2-6-25 1407	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in Laboratory by:	Company: EET SPO	Date/Time: 2/6/25 1407

Eurofins Spokane
11922 E 1st Avenue

Spokane, WA 99206-6302
phone 509.924.9200 fax 509.924.9290

Chain of Custody Record

eurofins | Environment Testing America

(2)

Regulatory Program: ☐DW ☐NPDES ☐RCRA ☒Other: MTCA

Eurofins Environment Testing America

Client Contact	Project Manager: GARY PANTHER	Site Contact:	Date:	COC No:
Your Company Name here: SES	Email: GARY@SPOKANEENVIRONMENTAL.COM	Lab Contact:	Carrier:	____ of ____ COCs
Address: 2020 E. SPRINGFIELD	Tel/Fax:			TALS Project #:
City/State/Zip: SPOKANE WA 99202	Analysis Turnaround Time			Sampler:
(xxx) xxx-xxxx Phone: 509-954-5090	☐CALENDAR DAYS ☐WORKING DAYS			For Lab Use Only:
(xxx) xxx-xxxx FAX	TAT if different from Below: 3-DAY			Walk-in Client:
Project Name: COPA	☐ 2 weeks			Lab Sampling:
Site: COPA	☐ 1 week			Job / SDG No:
PO#	☐ 2 days			
	☐ 1 day			

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	AS, CD, Pb	8270E SUOC	Sample Specific Notes:
TP-13-4	2-6-25	1100	C	S	2			X	X	
TP-13-8		1105						X	X	
TP-14-4		1120						X	X	
TP-14-8		1130						X	X	
TP-15-4		1210						X	X	
TP-15-8		1215						X	X	
TP-16-4		1225						X	X	
TP-16-8		1230						X	X	
TP-17-4		1245						X	X	
TP-17-8		1250						X	X	
TP-18-4		1300						X	X	
TP-18-8		1305						X	X	

Preservation Used: 1=Ice, 2=HCl, 3=H2SO4, 4=HNO3, 5=NaOH, 6=Other

Possible Hazard Identification
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.

☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return to Client ☐ Disposal by Lab ☐ Archive for ____ Months

Special Instructions/QC Requirements & Comments:

SUOC - CUSTOM LIST

Custody Seals Intact: ☐ Yes ☐ No	Custody Seal No.		Cooler Temp. (°C): Obs'd: 4.2	Corr'd: 4.6	Therm ID No.: IR Gun
Relinquished by:	Company: SES	Date/Time: 2 6 25 1407	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received by:	Company:	Date/Time:
Relinquished by:	Company:	Date/Time:	Received in laboratory by:	Company: EEC SPK	Date/Time: 2/6/25 1420

Eurofins Spokane
11922 East 1st Ave
Spokane, WA 99206
Phone: 509-924-9200 Fax: 509-924-9290

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Arrington, Randee E	Carrier Tracking No(s): N/A	COC No: 590-10497.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Randee.Arrington@et.eurofinsus.com	State of Origin: Washington	Page: Page 1 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): State Program - Washington		Job #: 590-29348-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 2/10/2025	Analysis Requested		Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Cora	Project #: 59001518			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E/3546 (MOD) Semivolatiles, standard list	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
TP-7-4 (590-29348-1)	2/6/25	08:30 Pacific	G	Solid			X	1	
TP-7-8 (590-29348-2)	2/6/25	08:40 Pacific	G	Solid			X	1	
TP-8-4 (590-29348-3)	2/6/25	08:50 Pacific	G	Solid			X	1	
TP-8-8 (590-29348-4)	2/6/25	09:00 Pacific	G	Solid			X	1	
TP-9-4 (590-29348-5)	2/6/25	09:10 Pacific	G	Solid			X	1	
TP-9-8 (590-29348-6)	2/6/25	09:15 Pacific	G	Solid			X	1	
TP-10-4 (590-29348-7)	2/6/25	10:00 Pacific	G	Solid			X	1	
TP-10-8 (590-29348-8)	2/6/25	10:10 Pacific	G	Solid			X	1	
TP-11-4 (590-29348-9)	2/6/25	10:20 Pacific	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northwest, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northwest, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northwest, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northwest, LLC.

Possible Hazard Identification	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* ____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) — Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	1604 2/6/25	EETSPO			
			[signature]	2/7/25 0950	[illegible]

Custody Seals Intact:	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks:
⊙ Yes Δ No		1.5 - C1.4

Ver: 10/10/2024

2/11/2025

Eurofins Spokane
11922 East 1st Ave
Spokane, WA 99206
Phone: 509-924-9200 Fax: 509-924-9290

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Arrington, Randee E	Carrier Tracking No(s): N/A	COC No: 590-10497.2
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Randee.Arrington@et.eurofinsus.com	State of Origin: Washington	Page: Page 2 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): State Program - Washington		Job #: 590-29348-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 2/10/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Cora	Project #: 59001518			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E/3546 (MOD) Semivolatiles, standard list	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
TP-11-8 (590-29348-10)	2/6/25	10:30 Pacific	G	Solid			X	1	
TP-12-4 (590-29348-11)	2/6/25	10:35 Pacific	G	Solid			X	1	
TP-12-8 (590-29348-12)	2/6/25	10:40 Pacific	G	Solid			X	1	
TP-13-4 (590-29348-13)	2/6/25	11:00 Pacific	G	Solid			X	1	
TP-13-8 (590-29348-14)	2/6/25	11:05 Pacific	G	Solid			X	1	
TP-14-4 (590-29348-15)	2/6/25	11:20 Pacific	G	Solid			X	1	
TP-14-8 (590-29348-16)	2/6/25	11:30 Pacific	G	Solid			X	1	
TP-15-4 (590-29348-17)	2/6/25	12:10 Pacific	G	Solid			X	1	
TP-15-8 (590-29348-18)	2/6/25	12:15 Pacific	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northwest, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northwest, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northwest, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northwest, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	2/6/25 1604	EETSPO			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time: 2/7/25 0950	Company MA

Custody Seals Intact: ◯ Yes △ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 21.5 - 21.4

Ver: 10/10/2024

Eurofins Spokane
11922 East 1st Ave
Spokane, WA 99206
Phone: 509-924-9200 Fax: 509-924-9290

Chain of Custody Record

eurofins | Environment Testing

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Arrington, Randee E	Carrier Tracking No(s): N/A	COC No: 590-10497.3
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Randee.Arrington@et.eurofinsus.com	State of Origin: Washington	Page: Page 3 of 3
Company: Eurofins Lancaster Laboratories Environm		Accreditations Required (See note): State Program - Washington		Job #: 590-29348-1
Address: 2425 New Holland Pike, ,	Due Date Requested: 2/10/2025			Preservation Codes: -
City: Lancaster	TAT Requested (days): N/A			
State, Zip: PA, 17601				
Phone: 717-656-2300(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Cora	Project #: 59001518			
Site: N/A	SSOW#: N/A			Other: N/A

Sample Identification - Client ID (Lab ID)	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8270E/3546 (MOD) Semivolatiles, standard list	Total Number of containers	Special Instructions/Note:
			Preservation Code:						
TP-16-4 (590-29348-19)	2/6/25	12:25 Pacific	G	Solid			X	1	
TP-16-8 (590-29348-20)	2/6/25	12:30 Pacific	G	Solid			X	1	
TP-17-4 (590-29348-21)	2/6/25	12:45 Pacific	G	Solid			X	1	
TP-17-8 (590-29348-22)	2/6/25	12:50 Pacific	G	Solid			X	1	
TP-18-4 (590-29348-23)	2/6/25	13:00 Pacific	G	Solid			X	1	
TP-18-8 (590-29348-24)	2/6/25	13:05 Pacific	G	Solid			X	1	

Note: Since laboratory accreditations are subject to change, Eurofins Environment Testing Northwest, LLC places the ownership of method, analyte & accreditation compliance upon our subcontract laboratories. This sample shipment is forwarded under chain-of-custody. If the laboratory does not currently maintain accreditation in the State of Origin listed above for analysis/tests/matrix being analyzed, the samples must be shipped back to the Eurofins Environment Testing Northwest, LLC laboratory or other instructions will be provided. Any changes to accreditation status should be brought to Eurofins Environment Testing Northwest, LLC attention immediately. If all requested accreditations are current to date, return the signed Chain of Custody attesting to said compliance to Eurofins Environment Testing Northwest, LLC.

Possible Hazard Identification	*Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)*
Unconfirmed	☐ *Return To Client* ☐ *Disposal By Lab* ☐ *Archive For* _____ *Months*
Deliverable Requested: I, II, III, IV, Other (specify) Primary Deliverable Rank: 2	Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
1	[signature]	2/6/25 1604	EET SO		2/7/25	
2	Relinquished by:	Date/Time:	Company	Received by: [signature]	Date/Time:	Company
3	Relinquished by: [signature]	~~Date/Time~~	Company	Received by: [signature]	~~2/7/25 0950~~ 2/7/25 0950	Company N/A

Custody Seals Intact: ◊ Yes △ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 21.5 - 21.9

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Spokane Environmental Solutions LLC

Job Number: 590-29348-1

Login Number: 29348
List Number: 1
Creator: Morris, Mackenzie 1

List Source: Eurofins Spokane

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.	N/A	
Sample custody seals, if present, are intact.	N/A	
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.	N/A	
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	

Login Sample Receipt Checklist

Client: Spokane Environmental Solutions LLC

Job Number: 590-29348-1

Login Number: 29348
List Number: 2
Creator: Ballard, Megan

List Source: Eurofins Lancaster Laboratories Environment Testing, LLC
List Creation: 02/07/25 11:27 AM

Question	Answer	Comment
The cooler's custody seal is 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 acceptable,where thermal pres is required(</=6C, not frozen).	True	
Cooler Temperature is recorded.	True	
WV:Container Temp acceptable,where thermal pres is required (</=6C, not frozen).	N/A	
WV: Container Temperature is recorded.	N/A	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
There are no discrepancies between the containers received and the COC.	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	
There is sufficient vol. for all requested analyses.	True	
Is the Field Sampler's name present on COC?	False	Received project as a subcontract.
Sample custody seals are intact.	N/A	
VOA sample vials do not have headspace >6mm in diameter (none, if from WV)?	N/A	