Limited Soil Sampling for SVOC and Metals

516 West Cora Avenue
Spokane, Washington

Prepared for
4-Degrees Real Estate, Inc.

SES PROJECT NO. 1810-001

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

January 23, 2025

TABLE OF CONTENTS

PROJECT INFORMATION

Site Name/Location:	516 West Cora Avenue Spokane, Washington
Sampling Date:	January 10, 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.:	1810-001

SITE BACKGROUND

INTRODUCTION

This report documents findings of the Limited 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 a residential 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 a limited Phase II ESA was requested to determine if contaminants of concern have adversely impacted shallow soil near the northeastern portion of the site. To this end, SES prepared a proposal to address this concern. The proposal was presented to the lending institutions environmental review board for comment and was accepted as written.

PURPOSE AND OBJECTIVES

The purpose of this site assessment is to investigate the possibility of impact to shallow soil as the result of tires and other materials being disposed of on Site. This is a follow up assessment to a Phase I ESA conducted by Fulcrum Environmental Consulting, Inc. (Fulcrum) in October 2023. In this report, Fulcrum called out the presence of buried tires (observed off site) as a REC to the site. Specifically, *Potential adverse impact to site soil and/or groundwater from chemical leaching associated with buried tires*. Further, Fulcrum stated *Car rubber contains a broad range of additives including filler systems (carbon black, clays, silicas calcium carbonate), stabilizer systems (antioxidants, antiozonants, waxes), cross-linking agents (sulfur, accelerators, activators) and secondary components such as pigments, oils, resins and short fibers. Chemical classes associated with car tires include polyaromatic hydrocarbons, phthalates, sulphonamides, guanidine, thiazoles, thiurams, dithiocarbonates, sulfur doners, phenolics, phenylenediamines and heavy metals*. As this is a broad list of constituents which fall under multiple analytical Methods, many of which are specialized (and prohibitively expensive), SES determined that most fall under an expanded list of Semi-Volatile Organic Compounds (SVOCs). To this end, the EPA Method 8270 addresses these compounds and coupled with the analysis of heavy metals arsenic, cadmium and lead by EPA Method 6010 the majority of contaminants of concern could be addressed in a timely manner to accommodate the project schedule.

A Sampling and Analysis Plan (SAP) was incorporated into our Proposal which outlined soil sampling and analytical procedures, field documentation, waste management, sample handling and observance of chain of custody protocol.

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 near the southern portion of the site:

1. Prepared a site-specific health and safety plan to guide SES personnel while onsite. SES prepared a site-specific Sampling and Analysis Plan (SAP) to guide field activities.
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 six test pits across the northeastern portion of the Site.
5. Collected two soil samples from each sample location from 0-4 feet and 4-8 feet below site grade (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' TestAmerica 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 analytical results to the Washington State Department of Ecology's (Ecology) 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 a residential 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 occasional gravel (SP) in the areas explored. We observed occasional glass, bottles and small pieces of metal in the spoil materials.

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. The 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 January 10, 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. Utilities were not identified on site within the work areas.

SOIL SAMPLE LOCATIONS

Twelve composite soil samples were collected from six test pits. One composite sample was collected from each excavation from 0 to 4-feet in depth (TP-X-4) and one was collected from 4-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 Eurofins' 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

Metals

Of the 10 soil samples analyzed, only the sample TP-4-8 exceeded MTCA Method A cleanup criteria for lead. The remaining samples were below applicable action levels for soil.

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 limited assessment, only samples TP-2-4 and TP-3-4 exceed the TEF value for unrestricted land use. The deeper companion samples collected from each of these test pits did not exceed TEF. This suggests that the values that exceed cleanup criterion are localized, and concentrations decrease with depth. Copies of the TEF worksheets are provided in Table 2.

SVOCs

Concentrations of SVOCs in soil samples were not detected at concentrations exceeding their individual cleanup values. Therefore, SVOCs associated with tires or other sources do not present an environmental risk to the site, at the locations sampled, in our opinion.

DISCUSSION

Sample results from this limited Phase II Environmental Site Assessment indicated that impact appears primarily to be located near surface. The depth where this impact is observed is above the point of conditional compliance, which is 15 feet bgs. This is the point where dermal contact/ingestion is no longer considered the driver for remedial action under most site-use scenarios.

Groundwater was not encountered during the assessment, and, in our opinion, it is unlikely that groundwater has been impacted because of historic site operations due to the depth associated with groundwater in the general vicinity. Additionally, sampling in 2020 of the former on-site monitoring well indicated that concentrations of contaminants of concern were either not detected or were detected at concentrations below applicable cleanup criterion.

CONCLUSIONS

Based on field observations and analytical results, concentrations of arsenic, cadmium and SVOCs did not exceed MTCA Method A cleanup values in the locations explored by SES.

Lead was observed in one sample at a concentration exceeding MTCA Method A cleanup criteria, however, the value was below the industrial cleanup value. As this exceedance was not observed in the remaining samples, it is likely that this is a localized occurrence and not representative of shallow soil across the site.

It is therefore our opinion that shallow soil (above the point of conditional compliance) does not present a material risk to human health and the environment under current or foreseeable site development conditions, as it is scheduled to be removed from the site and replaced with clean, structural fill. As such, the site would not be subject to an Enforcement Order if brought to the attention of Ecology personnel.

Given the shallow soil is to be replaced for geotechnical considerations, it is recommended that the Site Plan be adjusted to allow for additional material to be removed from the site to accommodate the 15-foot separation from surface to underlying soil. This would provide for the separation of surface use from subsurface soil and would form the basis for site remediation which Ecology could provide a no further action opinion upon satisfactory completion of site work. To accomplish this, the Site would need to be formally entered into Ecology's Voluntary Cleanup Program (VCP), and would require the development of a Cleanup Action Plan (CAP) which would be approved by Ecology prior to commencement of site work.

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.

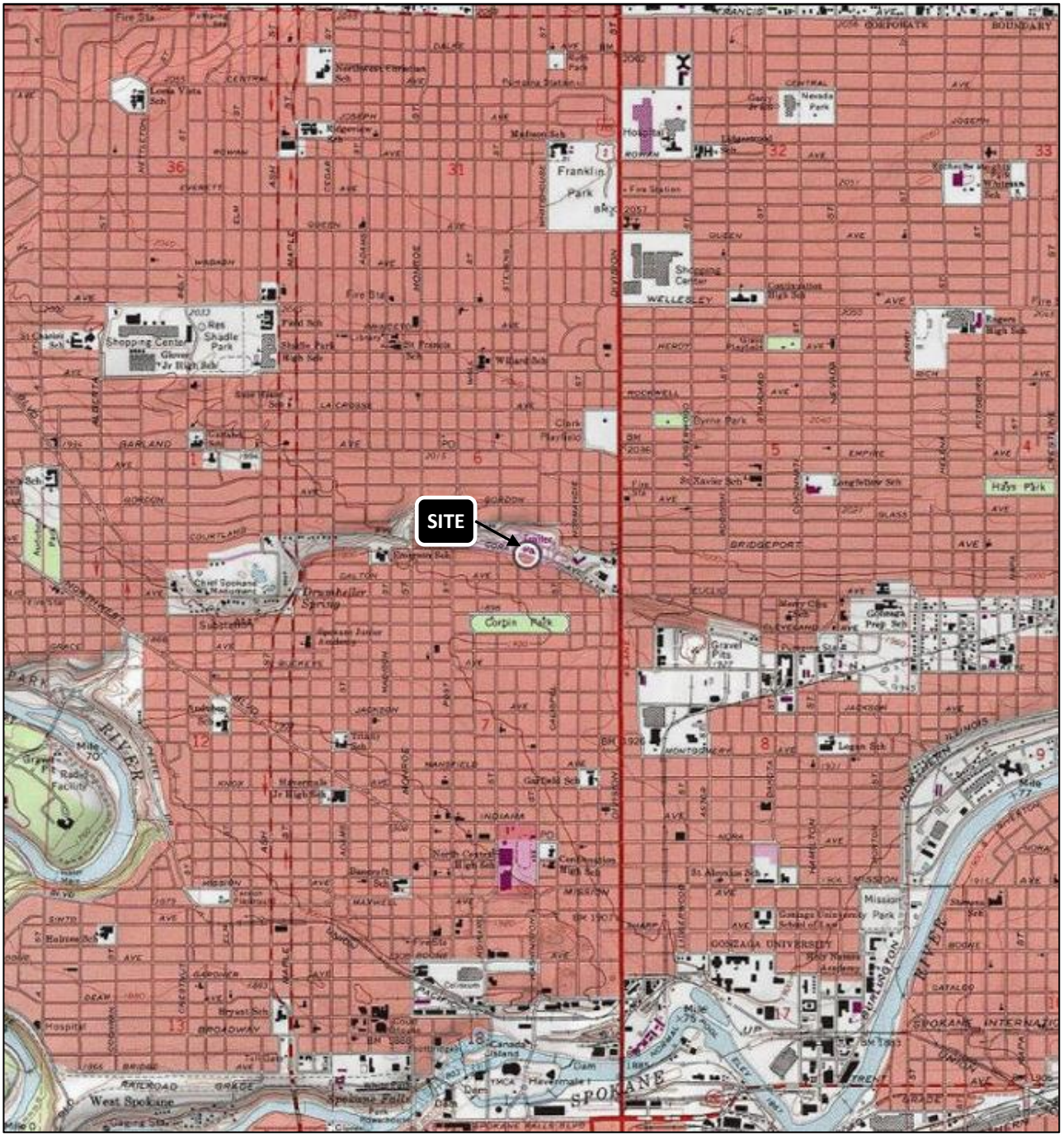
SES appreciates the opportunity to provide these services. Please contact the undersigned regarding any questions related to the information provided in this letter report.

Sincerely,

SES

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

FIGURES



Not to Scale

Vicinity Map

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

Spokane Environmental Solutions

Figure 1

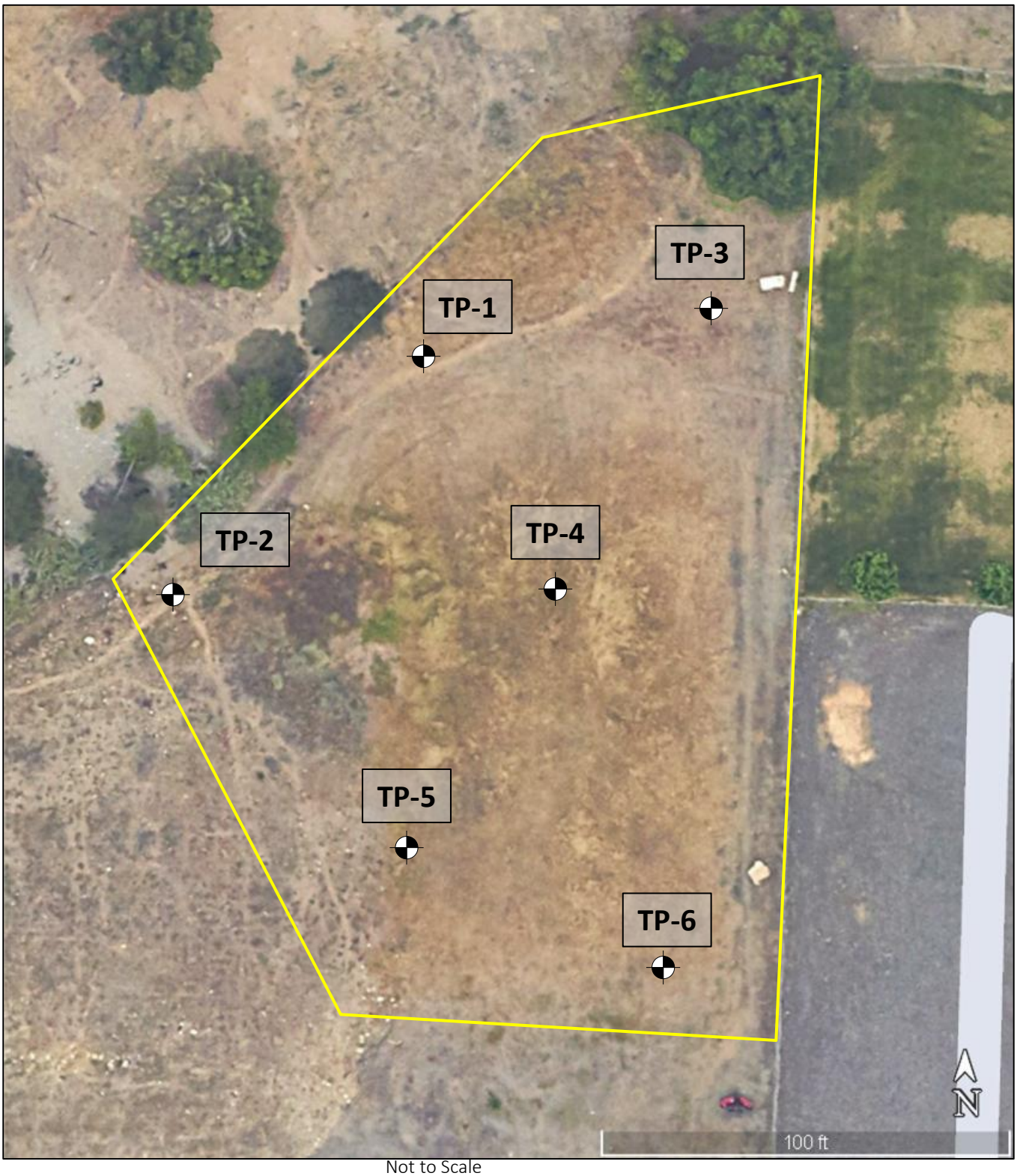
Notes:

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



Not to Scale

Legend

Area of Concern

Test Pit Location

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 Google Earth

Date Created: 1/13/2025

Test Pit Map

Limited Phase II ESA
516 W. Cora Ave.

Spokane, WA

Spokane Environmental Solutions

Figure 2

1810-001 Date Exported: 1/13/2025

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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-
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

Notes:
Units in milligrams per kilogram (mg/Kg) or micrograms per kilogram (ug/Kg) as noted.
bold = Analyte detected above MTCA Method A cleanup criteria.
< = Analyte not detected at or above the Method Reporting Limit (MRL) 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 Calculations are Shown on Table 2. Cleanup values as reported in CLARC, January 2025 update.

Table 2 - 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.

Table 2 - 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.

Table 2 - 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.

Table 2 - 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.

Table 2 - 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.

Table 2 - 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.

Table 2 - 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.

Table 2 - 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.

Table 2 - 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.

Table 2 - 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.

ATTACHMENT A

PHOTOGRAPHS

Spokane Environmental Solutions		**PHOTOGRAPHIC LOG**
4-Degrees Real Estate, Inc.	**Limited Phase II Environmental Site Assessment** 516 West Cora Avenue Spokane, Washington	**SES Project No.: 1810-001** **Date:** January 10, 2025

Photo No. **1**	
Direction Photo Taken: NA	
Description: View of **TP-1**. Soil consisted of SAND with occasional gravel to the depth explored. We observed fragments of metal and glass with occasional intact small bottles. 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-2**. Soil consisted of SAND with occasional gravel to the depth explored. We observed fragments of metal and glass with occasional intact bottles. No water sheen or odor was observed. Terminal depth was approximately 10-feet BGS.	

Spokane Environmental Solutions

PHOTOGRAPHIC LOG

4-Degrees Real Estate, Inc.	**Limited Phase II Environmental Site Assessment** 516 West Cora Avenue Spokane, Washington	**SES Project No.: 1810-001** **Date:** January 10, 2025

Photo No. **3**

Direction Photo Taken:

NA

Description:

View of **TP-3**. Soil consisted of SAND with occasional gravel to the depth explored. We observed fragments of metal and glass with occasional intact small bottles. 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-4**. Soil consisted of SAND with occasional gravel to the depth explored. We observed fragments of metal and glass with occasional intact small bottles. No water sheen or odor was observed. Terminal depth was approximately 9-feet BGS.

Spokane Environmental Solutions		PHOTOGRAPHIC LOG
4-Degrees Real Estate, Inc.	**Limited Phase II Environmental Site Assessment** 516 West Cora Avenue Spokane, Washington	**SES Project No.: 1810-001** **Date:** January 10, 2025

Photo No. **5**	
Direction Photo Taken: NA	
Description: View of **TP-5**. Soil consisted of SAND with occasional gravel to the depth explored. We observed fragments of metal and glass with occasional intact small bottles. No water sheen or odor was observed. Terminal depth was approximately 8-feet BGS.	

Photo No. **6**	
Direction Photo Taken: NA	
Description: View of **TP-6**. 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 9-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 1/20/2025 3:43:21 PM

JOB DESCRIPTION

Cora

JOB NUMBER

590-28920-1

Eurofins Spokane
11922 East 1st Ave
Spokane WA 99206

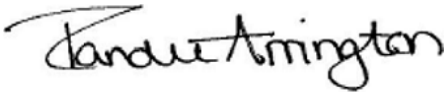
See page two for job notes and contact information.

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

Table of Contents

Job ID: 590-28920-1 Eurofins Spokane

Job Narrative
590-28920-1

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 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.

GC/MS Semi VOA
Method 8270E: The continuing calibration verification (CCV) associated with batch 580-482800 recovered above the upper control limit for Bis(2-ethylhexyl) phthalate, Butyl benzyl phthalate and Di-n-octyl phthalate. The samples associated with this CCV were non-detects for the affected analytes; therefore, the data have been reported. The associated samples are impacted: TP-1-8 (590-28920-2) and (CCVIS 580-482800/3).

Method 8270E: The surrogate recovery for the blank associated with preparation batch 580-482650 and analytical batch 580-482800 was outside the lower control limits. The other surrogates were within control. The associated LCS and samples were also in control. There is insufficient sample remaining for re-extraction, therefore the results will be reported.

Method 8270E: The surrogate recovery for the blank associated with preparation batch 580-482650 and analytical batch 580-482865 was outside the lower control limits. The other surrogates were in control. All surrogates for the associated LCS and samples were also in control, therefore, the samples will not be sent for re-extraction and will the results will be reported.

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

Metals
Method 6010D: The sample duplicate (DUP) precision for preparation batch 590-51788 and analytical batch 590-51821 was outside control limits. Sample matrix interference is suspected.

Method 6010D: The matrix spike / matrix spike duplicate (MS/MSD) precision for preparation batch 590-51788 and analytical batch 590-51821 was outside control limits. Sample matrix interference is suspected.

Method 6010D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 590-51788 and analytical batch 590-51821 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

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

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
Job ID: 590-28920-1
Project/Site: Cora

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-28920-1	TP-1-4	Solid	01/10/25 09:00	01/10/25 11:32
590-28920-2	TP-1-8	Solid	01/10/25 09:30	01/10/25 11:32
590-28920-3	TP-2-4	Solid	01/10/25 09:40	01/10/25 11:32
590-28920-4	TP-2-8	Solid	01/10/25 09:50	01/10/25 11:32
590-28920-5	TP-3-4	Solid	01/10/25 10:00	01/10/25 11:32
590-28920-6	TP-3-8	Solid	01/10/25 10:10	01/10/25 11:32
590-28920-7	TP-4-4	Solid	01/10/25 10:20	01/10/25 11:32
590-28920-8	TP-4-8	Solid	01/10/25 10:30	01/10/25 11:32
590-28920-10	TP-5-8	Solid	01/10/25 10:50	01/10/25 11:32
590-28920-12	TP-6-8	Solid	01/10/25 11:10	01/10/25 11:32

Qualifiers

GC/MS Semi VOA

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.
S1-	Surrogate recovery exceeds control limits, low biased.

Metals

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
F2	MS/MSD RPD exceeds control limits
F3	Duplicate RPD exceeds the control limit
F5	Duplicate RPD exceeds limit, and one or both sample results are less than 5 times RL, and the absolute difference between results is < the upper reporting limits for both.
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: Spokane Environmental Solutions LLC
Project/Site: Cora

Job ID: 590-28920-1

Client Sample ID: TP-1-4

Lab Sample ID: 590-28920-1

Date Collected: 01/10/25 09:00
Date Received: 01/10/25 11:32

Matrix: Solid
Percent Solids: 94.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		51	6.1	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Acenaphthene	ND		40	4.6	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Acenaphthylene	ND		25	5.1	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Anthracene	ND		61	16	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Benzo[a]anthracene	ND		40	11	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Benzo[a]pyrene	**43**	**J**	110	39	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Benzo[b]fluoranthene	**28**	**J**	40	10	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Benzo[g,h,i]perylene	**48**	**J**	61	18	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Benzo[k]fluoranthene	ND		61	14	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Bis(2-ethylhexyl) phthalate	**97**	**J**	610	72	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Butyl benzyl phthalate	ND		200	52	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Chrysene	**21**	**J**	61	13	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Dibenz(a,h)anthracene	ND		110	47	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Diethyl phthalate	ND		400	22	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Dimethyl phthalate	ND		150	5.1	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Di-n-butyl phthalate	**49**	**J**	510	47	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Di-n-octyl phthalate	ND		200	90	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Fluoranthene	**29**	**J**	40	12	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Fluorene	ND		25	5.1	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Indeno[1,2,3-cd]pyrene	**26**	**J**	40	12	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Naphthalene	**54**		25	5.1	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Phenanthrene	**18**	**J**	61	5.9	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Phenol	ND		150	23	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1
Pyrene	**24**	**J**	61	13	ug/Kg	☼	01/15/25 14:01	01/17/25 19:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*75*		*62 - 122*	*01/15/25 14:01*	*01/17/25 19:15*	*1*
2-Fluorobiphenyl	*92*		*64 - 120*	*01/15/25 14:01*	*01/17/25 19:15*	*1*
2-Fluorophenol (Surr)	*85*		*58 - 120*	*01/15/25 14:01*	*01/17/25 19:15*	*1*
Nitrobenzene-d5 (Surr)	*89*		*63 - 120*	*01/15/25 14:01*	*01/17/25 19:15*	*1*
Phenol-d5 (Surr)	*87*		*59 - 120*	*01/15/25 14:01*	*01/17/25 19:15*	*1*
Terphenyl-d14 (Surr)	*93*		*73 - 125*	*01/15/25 14:01*	*01/17/25 19:15*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**13**	**F1 F2**	9.0	3.6	mg/Kg	☼	01/14/25 11:39	01/15/25 11:40	10
Cadmium	**0.69**	**J F1 F2**	7.2	0.42	mg/Kg	☼	01/14/25 11:39	01/15/25 11:40	10
Lead	**190**	**F1 F2**	22	11	mg/Kg	☼	01/14/25 11:39	01/15/25 11:40	10

Client Sample ID: TP-1-8

Lab Sample ID: 590-28920-2

Date Collected: 01/10/25 09:30
Date Received: 01/10/25 11:32

Matrix: Solid
Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		52	6.2	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Acenaphthene	ND		42	4.8	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Acenaphthylene	ND		26	5.2	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Anthracene	ND		62	17	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Benzo[a]anthracene	**35**	**J**	42	11	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1

Client Sample ID: TP-1-8
Date Collected: 01/10/25 09:30
Date Received: 01/10/25 11:32

Lab Sample ID: 590-28920-2
Matrix: Solid
Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	72	J	110	40	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Benzo[b]fluoranthene	58		42	10	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Benzo[g,h,i]perylene	49	J	62	19	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Benzo[k]fluoranthene	29	J	62	15	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Chrysene	49	J	62	13	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Dibenz(a,h)anthracene	ND		110	49	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Diethyl phthalate	ND		420	23	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Dimethyl phthalate	ND		160	5.2	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Di-n-butyl phthalate	ND		520	49	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Di-n-octyl phthalate	ND		210	92	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Fluoranthene	63		42	12	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Fluorene	ND		26	5.2	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Indeno[1,2,3-cd]pyrene	45		42	12	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Naphthalene	25	J	26	5.2	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Phenanthrene	59	J	62	6.0	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Phenol	ND		160	24	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1
Pyrene	54	J	62	13	ug/Kg	☼	01/15/25 14:01	01/17/25 14:14	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*76*		*62 - 122*	*01/15/25 14:01*	*01/17/25 14:14*	*1*
2-Fluorobiphenyl	*88*		*64 - 120*	*01/15/25 14:01*	*01/17/25 14:14*	*1*
2-Fluorophenol (Surr)	*97*		*58 - 120*	*01/15/25 14:01*	*01/17/25 14:14*	*1*
Nitrobenzene-d5 (Surr)	*99*		*63 - 120*	*01/15/25 14:01*	*01/17/25 14:14*	*1*
Phenol-d5 (Surr)	*92*		*59 - 120*	*01/15/25 14:01*	*01/17/25 14:14*	*1*
Terphenyl-d14 (Surr)	*97*		*73 - 125*	*01/15/25 14:01*	*01/17/25 14:14*	*1*

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Bis(2-ethylhexyl) phthalate	120	J	620	74	ug/Kg	☼	01/15/25 14:01	01/17/25 20:26	1
Butyl benzyl phthalate	ND		210	53	ug/Kg	☼	01/15/25 14:01	01/17/25 20:26	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*83*		*62 - 122*	*01/15/25 14:01*	*01/17/25 20:26*	*1*
2-Fluorobiphenyl	*95*		*64 - 120*	*01/15/25 14:01*	*01/17/25 20:26*	*1*
2-Fluorophenol (Surr)	*91*		*58 - 120*	*01/15/25 14:01*	*01/17/25 20:26*	*1*
Nitrobenzene-d5 (Surr)	*96*		*63 - 120*	*01/15/25 14:01*	*01/17/25 20:26*	*1*
Phenol-d5 (Surr)	*91*		*59 - 120*	*01/15/25 14:01*	*01/17/25 20:26*	*1*
Terphenyl-d14 (Surr)	*100*		*73 - 125*	*01/15/25 14:01*	*01/17/25 20:26*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	7.2	J	9.2	3.6	mg/Kg	☼	01/14/25 11:39	01/15/25 12:10	10
Cadmium	ND		7.3	0.43	mg/Kg	☼	01/14/25 11:39	01/15/25 12:10	10
Lead	30		22	11	mg/Kg	☼	01/14/25 11:39	01/15/25 12:10	10

Client Sample ID: TP-2-4

Lab Sample ID: 590-28920-3

Date Collected: 01/10/25 09:40
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 91.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		53	6.3	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Acenaphthene	**480**		42	4.8	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Acenaphthylene	ND		26	5.3	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Anthracene	**240**		63	17	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Benzo[a]anthracene	**200**		42	12	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Benzo[a]pyrene	**79**	**J**	110	41	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Benzo[b]fluoranthene	**110**		42	11	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Benzo[g,h,i]perylene	**53**	**J**	63	19	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Benzo[k]fluoranthene	ND		63	15	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Bis(2-ethylhexyl) phthalate	**220**	**J**	630	75	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Butyl benzyl phthalate	ND		210	54	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Chrysene	**190**		63	14	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Dibenz(a,h)anthracene	ND		110	49	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Diethyl phthalate	ND		420	23	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Dimethyl phthalate	ND		160	5.3	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Di-n-butyl phthalate	ND		530	49	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Di-n-octyl phthalate	ND		210	94	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Fluoranthene	**1100**		42	13	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Fluorene	**430**		26	5.3	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Indeno[1,2,3-cd]pyrene	**33**	**J**	42	13	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Naphthalene	**150**		26	5.3	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Phenanthrene	**2000**		63	6.1	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Phenol	ND		160	24	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1
Pyrene	**700**		63	14	ug/Kg	☼	01/15/25 14:01	01/17/25 20:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*62 - 122*	*01/15/25 14:01*	*01/17/25 20:49*	*1*
2-Fluorobiphenyl	*97*		*64 - 120*	*01/15/25 14:01*	*01/17/25 20:49*	*1*
2-Fluorophenol (Surr)	*97*		*58 - 120*	*01/15/25 14:01*	*01/17/25 20:49*	*1*
Nitrobenzene-d5 (Surr)	*99*		*63 - 120*	*01/15/25 14:01*	*01/17/25 20:49*	*1*
Phenol-d5 (Surr)	*97*		*59 - 120*	*01/15/25 14:01*	*01/17/25 20:49*	*1*
Terphenyl-d14 (Surr)	*98*		*73 - 125*	*01/15/25 14:01*	*01/17/25 20:49*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		8.5	3.4	mg/Kg	☼	01/14/25 11:39	01/15/25 12:15	10
Cadmium	ND		6.8	0.40	mg/Kg	☼	01/14/25 11:39	01/15/25 12:15	10
Lead	**99**		20	10	mg/Kg	☼	01/14/25 11:39	01/15/25 12:15	10

Client Sample ID: TP-2-8

Lab Sample ID: 590-28920-4

Date Collected: 01/10/25 09:50
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		50	5.9	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Acenaphthene	ND		40	4.6	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Acenaphthylene	ND		25	5.0	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Anthracene	ND		59	16	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Benzo[a]anthracene	**25**	**J**	40	11	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1

Client Sample ID: TP-2-8

Lab Sample ID: 590-28920-4
Date Collected: 01/10/25 09:50
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 94.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzo[a]pyrene	**46**	**J**	100	39	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Benzo[b]fluoranthene	**22**	**J**	40	9.9	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Benzo[g,h,i]perylene	**39**	**J**	59	18	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Benzo[k]fluoranthene	ND		59	14	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Bis(2-ethylhexyl) phthalate	**91**	**J**	590	70	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Butyl benzyl phthalate	ND		200	51	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Chrysene	**20**	**J**	59	13	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Dibenz(a,h)anthracene	ND		100	47	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Diethyl phthalate	ND		400	22	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Dimethyl phthalate	ND		150	5.0	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Di-n-butyl phthalate	**60**	**J**	500	47	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Di-n-octyl phthalate	ND		200	88	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Fluoranthene	**40**		40	12	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Fluorene	ND		25	5.0	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Indeno[1,2,3-cd]pyrene	**23**	**J**	40	12	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Naphthalene	**24**	**J**	25	5.0	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Phenanthrene	**22**	**J**	59	5.7	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Phenol	ND		150	23	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1
Pyrene	**39**	**J**	59	13	ug/Kg	☼	01/15/25 14:01	01/17/25 21:13	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*62 - 122*	*01/15/25 14:01*	*01/17/25 21:13*	*1*
2-Fluorobiphenyl	*99*		*64 - 120*	*01/15/25 14:01*	*01/17/25 21:13*	*1*
2-Fluorophenol (Surr)	*94*		*58 - 120*	*01/15/25 14:01*	*01/17/25 21:13*	*1*
Nitrobenzene-d5 (Surr)	*98*		*63 - 120*	*01/15/25 14:01*	*01/17/25 21:13*	*1*
Phenol-d5 (Surr)	*95*		*59 - 120*	*01/15/25 14:01*	*01/17/25 21:13*	*1*
Terphenyl-d14 (Surr)	*99*		*73 - 125*	*01/15/25 14:01*	*01/17/25 21:13*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**9.0**		8.2	3.2	mg/Kg	☼	01/14/25 11:39	01/15/25 12:35	10
Cadmium	**0.72**	**J**	6.5	0.39	mg/Kg	☼	01/14/25 11:39	01/15/25 12:35	10
Lead	**130**		20	9.6	mg/Kg	☼	01/14/25 11:39	01/15/25 12:35	10

Client Sample ID: TP-3-4

Lab Sample ID: 590-28920-5
Date Collected: 01/10/25 10:00
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 95.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		50	6.1	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Acenaphthene	ND		40	4.6	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Acenaphthylene	ND		25	5.0	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Anthracene	**20**	**J**	61	16	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Benzo[a]anthracene	**420**		40	11	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Benzo[a]pyrene	**240**		110	39	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Benzo[b]fluoranthene	**450**		40	10	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Benzo[g,h,i]perylene	**160**		61	18	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Benzo[k]fluoranthene	**140**		61	14	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Bis(2-ethylhexyl) phthalate	ND		610	72	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1

Client Sample ID: TP-3-4
Lab Sample ID: 590-28920-5

Date Collected: 01/10/25 10:00
Matrix: Solid

Date Received: 01/10/25 11:32
Percent Solids: 95.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Butyl benzyl phthalate	ND		200	51	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Chrysene	**410**		61	13	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Dibenz(a,h)anthracene	**70**	**J**	110	47	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Diethyl phthalate	ND		400	22	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Dimethyl phthalate	ND		150	5.0	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Di-n-butyl phthalate	**53**	**J**	500	47	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Di-n-octyl phthalate	ND		200	90	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Fluoranthene	**540**		40	12	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Fluorene	ND		25	5.0	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Indeno[1,2,3-cd]pyrene	**160**		40	12	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Naphthalene	ND		25	5.0	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Phenanthrene	**65**		61	5.9	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Phenol	ND		150	23	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1
Pyrene	**480**		61	13	ug/Kg	☼	01/15/25 14:01	01/17/25 13:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*80*		*62 - 122*	*01/15/25 14:01*	*01/17/25 13:40*	*1*
2-Fluorobiphenyl	*94*		*64 - 120*	*01/15/25 14:01*	*01/17/25 13:40*	*1*
2-Fluorophenol (Surr)	*89*		*58 - 120*	*01/15/25 14:01*	*01/17/25 13:40*	*1*
Nitrobenzene-d5 (Surr)	*95*		*63 - 120*	*01/15/25 14:01*	*01/17/25 13:40*	*1*
Phenol-d5 (Surr)	*89*		*59 - 120*	*01/15/25 14:01*	*01/17/25 13:40*	*1*
Terphenyl-d14 (Surr)	*93*		*73 - 125*	*01/15/25 14:01*	*01/17/25 13:40*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**11**		7.9	3.1	mg/Kg	☼	01/14/25 11:39	01/15/25 12:40	10
Cadmium	ND		6.3	0.37	mg/Kg	☼	01/14/25 11:39	01/15/25 12:40	10
Lead	**12**	**J**	19	9.2	mg/Kg	☼	01/14/25 11:39	01/15/25 12:40	10

Client Sample ID: TP-3-8
Lab Sample ID: 590-28920-6

Date Collected: 01/10/25 10:10
Matrix: Solid

Date Received: 01/10/25 11:32
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		48	5.8	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Acenaphthene	ND		39	4.4	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Acenaphthylene	ND		24	4.8	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Anthracene	ND		58	15	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Benzo[a]anthracene	ND		39	11	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Benzo[a]pyrene	ND		100	38	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Benzo[b]fluoranthene	ND		39	9.6	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Benzo[g,h,i]perylene	ND		58	17	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Benzo[k]fluoranthene	ND		58	14	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Bis(2-ethylhexyl) phthalate	ND		580	68	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Butyl benzyl phthalate	ND		190	49	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Chrysene	ND		58	13	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Dibenz(a,h)anthracene	ND		100	45	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Diethyl phthalate	ND		390	21	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Dimethyl phthalate	ND		140	4.8	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1

Client Sample ID: TP-3-8

Lab Sample ID: 590-28920-6

Date Collected: 01/10/25 10:10

Matrix: Solid

Date Received: 01/10/25 11:32

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		480	45	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Di-n-octyl phthalate	ND		190	86	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Fluoranthene	ND		39	12	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Fluorene	ND		24	4.8	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Indeno[1,2,3-cd]pyrene	ND		39	12	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Naphthalene	ND		24	4.8	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Phenanthrene	ND		58	5.6	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Phenol	ND		140	22	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1
Pyrene	ND		58	13	ug/Kg	☼	01/15/25 14:01	01/17/25 14:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*77*		*62 - 122*	*01/15/25 14:01*	*01/17/25 14:03*	*1*
2-Fluorobiphenyl	*91*		*64 - 120*	*01/15/25 14:01*	*01/17/25 14:03*	*1*
2-Fluorophenol (Surr)	*87*		*58 - 120*	*01/15/25 14:01*	*01/17/25 14:03*	*1*
Nitrobenzene-d5 (Surr)	*88*		*63 - 120*	*01/15/25 14:01*	*01/17/25 14:03*	*1*
Phenol-d5 (Surr)	*89*		*59 - 120*	*01/15/25 14:01*	*01/17/25 14:03*	*1*
Terphenyl-d14 (Surr)	*92*		*73 - 125*	*01/15/25 14:01*	*01/17/25 14:03*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**16**		8.7	3.5	mg/Kg	☼	01/14/25 11:39	01/15/25 12:45	10
Cadmium	**0.60**	**J**	7.0	0.41	mg/Kg	☼	01/14/25 11:39	01/15/25 12:45	10
Lead	**100**		21	10	mg/Kg	☼	01/14/25 11:39	01/15/25 12:45	10

Client Sample ID: TP-4-4

Lab Sample ID: 590-28920-7

Date Collected: 01/10/25 10:20

Matrix: Solid

Date Received: 01/10/25 11:32

Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		55	6.6	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Acenaphthene	ND		44	5.0	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Acenaphthylene	ND		27	5.5	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Anthracene	ND		66	18	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Benzo[a]anthracene	**20**	**J**	44	12	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Benzo[a]pyrene	**49**	**J**	120	43	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Benzo[b]fluoranthene	**28**	**J**	44	11	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Benzo[g,h,i]perylene	ND		66	20	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Benzo[k]fluoranthene	ND		66	15	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Bis(2-ethylhexyl) phthalate	**93**	**J**	660	78	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Butyl benzyl phthalate	ND		220	56	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Chrysene	**20**	**J**	66	14	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Dibenz(a,h)anthracene	ND		120	52	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Diethyl phthalate	ND		440	24	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Dimethyl phthalate	ND		160	5.5	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Di-n-butyl phthalate	ND		550	52	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Di-n-octyl phthalate	ND		220	98	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Fluoranthene	**32**	**J**	44	13	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Fluorene	ND		27	5.5	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Indeno[1,2,3-cd]pyrene	**24**	**J**	44	13	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1

Client Sample ID: TP-4-4
Lab Sample ID: 590-28920-7
Date Collected: 01/10/25 10:20
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 88.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Naphthalene	9.3	J	27	5.5	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Phenanthrene	12	J	66	6.4	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Phenol	ND		160	25	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1
Pyrene	30	J	66	14	ug/Kg	☼	01/15/25 14:01	01/17/25 21:36	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*84*		*62 - 122*	*01/15/25 14:01*	*01/17/25 21:36*	*1*
2-Fluorobiphenyl	*97*		*64 - 120*	*01/15/25 14:01*	*01/17/25 21:36*	*1*
2-Fluorophenol (Surr)	*93*		*58 - 120*	*01/15/25 14:01*	*01/17/25 21:36*	*1*
Nitrobenzene-d5 (Surr)	*95*		*63 - 120*	*01/15/25 14:01*	*01/17/25 21:36*	*1*
Phenol-d5 (Surr)	*94*		*59 - 120*	*01/15/25 14:01*	*01/17/25 21:36*	*1*
Terphenyl-d14 (Surr)	*99*		*73 - 125*	*01/15/25 14:01*	*01/17/25 21:36*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	13		8.4	3.3	mg/Kg	☼	01/14/25 11:39	01/15/25 12:50	10
Cadmium	ND		6.7	0.40	mg/Kg	☼	01/14/25 11:39	01/15/25 12:50	10
Lead	80		20	9.9	mg/Kg	☼	01/14/25 11:39	01/15/25 12:50	10

Client Sample ID: TP-4-8
Lab Sample ID: 590-28920-8
Date Collected: 01/10/25 10:30
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 95.1

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		52	6.3	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Acenaphthene	8.2	J	42	4.8	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Acenaphthylene	ND		26	5.2	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Anthracene	17	J	63	17	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Benzo[a]anthracene	29	J	42	12	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Benzo[a]pyrene	52	J	110	41	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Benzo[b]fluoranthene	31	J	42	10	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Benzo[g,h,i]perylene	41	J	63	19	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Benzo[k]fluoranthene	ND		63	15	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Bis(2-ethylhexyl) phthalate	85	J	630	75	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Butyl benzyl phthalate	88	J	210	54	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Chrysene	22	J	63	14	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Dibenz(a,h)anthracene	ND		110	49	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Diethyl phthalate	ND		420	23	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Dimethyl phthalate	ND		160	5.2	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Di-n-butyl phthalate	ND		520	49	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Di-n-octyl phthalate	ND		210	93	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Fluoranthene	54		42	13	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Fluorene	6.3	J	26	5.2	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Indeno[1,2,3-cd]pyrene	25	J	42	13	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Naphthalene	ND		26	5.2	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Phenanthrene	33	J	63	6.1	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Phenol	ND		160	24	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1
Pyrene	49	J	63	14	ug/Kg	☼	01/15/25 14:01	01/17/25 22:00	1

Client Sample ID: TP-4-8

Lab Sample ID: 590-28920-8

Date Collected: 01/10/25 10:30
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 95.1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*85*		*62 - 122*	*01/15/25 14:01*	*01/17/25 22:00*	*1*
2-Fluorobiphenyl	*98*		*64 - 120*	*01/15/25 14:01*	*01/17/25 22:00*	*1*
2-Fluorophenol (Surr)	*96*		*58 - 120*	*01/15/25 14:01*	*01/17/25 22:00*	*1*
Nitrobenzene-d5 (Surr)	*95*		*63 - 120*	*01/15/25 14:01*	*01/17/25 22:00*	*1*
Phenol-d5 (Surr)	*97*		*59 - 120*	*01/15/25 14:01*	*01/17/25 22:00*	*1*
Terphenyl-d14 (Surr)	*101*		*73 - 125*	*01/15/25 14:01*	*01/17/25 22:00*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**14**		8.0	3.2	mg/Kg	☼	01/14/25 11:39	01/15/25 12:55	10
Cadmium	**0.71**	**J**	6.4	0.38	mg/Kg	☼	01/14/25 11:39	01/15/25 12:55	10
Lead	**300**		19	9.4	mg/Kg	☼	01/14/25 11:39	01/15/25 12:55	10

Client Sample ID: TP-5-8

Lab Sample ID: 590-28920-10

Date Collected: 01/10/25 10:50
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 94.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		50	6.0	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Acenaphthene	ND		40	4.6	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Acenaphthylene	ND		25	5.0	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Anthracene	ND		60	16	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Benzo[a]anthracene	**27**	**J**	40	11	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Benzo[a]pyrene	**49**	**J**	110	39	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Benzo[b]fluoranthene	**32**	**J**	40	10	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Benzo[g,h,i]perylene	**42**	**J**	60	18	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Benzo[k]fluoranthene	ND		60	14	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Bis(2-ethylhexyl) phthalate	**93**	**J**	600	71	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Butyl benzyl phthalate	ND		200	51	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Chrysene	**25**	**J**	60	13	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Dibenz(a,h)anthracene	ND		110	47	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Diethyl phthalate	ND		400	22	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Dimethyl phthalate	ND		150	5.0	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Di-n-butyl phthalate	**54**	**J**	500	47	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Di-n-octyl phthalate	ND		200	89	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Fluoranthene	**40**		40	12	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Fluorene	ND		25	5.0	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Indeno[1,2,3-cd]pyrene	**24**	**J**	40	12	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Naphthalene	**11**	**J**	25	5.0	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Phenanthrene	**18**	**J**	60	5.8	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Phenol	ND		150	23	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1
Pyrene	**41**	**J**	60	13	ug/Kg	☼	01/15/25 14:01	01/17/25 22:23	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*93*		*62 - 122*	*01/15/25 14:01*	*01/17/25 22:23*	*1*
2-Fluorobiphenyl	*100*		*64 - 120*	*01/15/25 14:01*	*01/17/25 22:23*	*1*
2-Fluorophenol (Surr)	*98*		*58 - 120*	*01/15/25 14:01*	*01/17/25 22:23*	*1*
Nitrobenzene-d5 (Surr)	*99*		*63 - 120*	*01/15/25 14:01*	*01/17/25 22:23*	*1*
Phenol-d5 (Surr)	*98*		*59 - 120*	*01/15/25 14:01*	*01/17/25 22:23*	*1*
Terphenyl-d14 (Surr)	*106*		*73 - 125*	*01/15/25 14:01*	*01/17/25 22:23*	*1*

Client: Spokane Environmental Solutions LLC
Project/Site: Cora

Job ID: 590-28920-1

Client Sample ID: TP-5-8

Lab Sample ID: 590-28920-10

Date Collected: 01/10/25 10:50
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 94.5

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	**10**		7.7	3.1	mg/Kg	☼	01/14/25 11:39	01/15/25 13:00	10
Cadmium	**0.40**	**J**	6.2	0.36	mg/Kg	☼	01/14/25 11:39	01/15/25 13:00	10
Lead	**78**		18	9.0	mg/Kg	☼	01/14/25 11:39	01/15/25 13:00	10

Client Sample ID: TP-6-8

Lab Sample ID: 590-28920-12

Date Collected: 01/10/25 11:10
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 94.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		53	6.3	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Acenaphthene	ND		42	4.8	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Acenaphthylene	ND		26	5.3	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Anthracene	ND		63	17	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Benzo[a]anthracene	**28**	**J**	42	12	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Benzo[a]pyrene	**50**	**J**	110	41	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Benzo[b]fluoranthene	**28**	**J**	42	11	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Benzo[g,h,i]perylene	**49**	**J**	63	19	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Benzo[k]fluoranthene	ND		63	15	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Bis(2-ethylhexyl) phthalate	**92**	**J**	630	75	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Butyl benzyl phthalate	ND		210	54	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Chrysene	**23**	**J**	63	14	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Dibenz(a,h)anthracene	ND		110	49	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Diethyl phthalate	ND		420	23	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Dimethyl phthalate	ND		160	5.3	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Di-n-butyl phthalate	ND		530	49	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Di-n-octyl phthalate	ND		210	94	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Fluoranthene	**41**	**J**	42	13	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Fluorene	ND		26	5.3	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Indeno[1,2,3-cd]pyrene	**27**	**J**	42	13	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Naphthalene	**14**	**J**	26	5.3	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Phenanthrene	**17**	**J**	63	6.1	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Phenol	ND		160	24	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1
Pyrene	**39**	**J**	63	14	ug/Kg	☼	01/15/25 14:01	01/17/25 22:47	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*89*		*62 - 122*	*01/15/25 14:01*	*01/17/25 22:47*	*1*
2-Fluorobiphenyl	*102*		*64 - 120*	*01/15/25 14:01*	*01/17/25 22:47*	*1*
2-Fluorophenol (Surr)	*92*		*58 - 120*	*01/15/25 14:01*	*01/17/25 22:47*	*1*
Nitrobenzene-d5 (Surr)	*97*		*63 - 120*	*01/15/25 14:01*	*01/17/25 22:47*	*1*
Phenol-d5 (Surr)	*91*		*59 - 120*	*01/15/25 14:01*	*01/17/25 22:47*	*1*
Terphenyl-d14 (Surr)	*100*		*73 - 125*	*01/15/25 14:01*	*01/17/25 22:47*	*1*

Method: SW846 6010D - Metals (ICP)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		9.6	3.8	mg/Kg	☼	01/14/25 11:39	01/15/25 13:05	10
Cadmium	ND		7.6	0.45	mg/Kg	☼	01/14/25 11:39	01/15/25 13:05	10
Lead	ND		23	11	mg/Kg	☼	01/14/25 11:39	01/15/25 13:05	10

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

Lab Sample ID: MB 580-482650/1-A
Matrix: Solid
Analysis Batch: 482800

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482650

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene	ND		50	6.0	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Acenaphthene	ND		40	4.6	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Acenaphthylene	ND		25	5.0	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Anthracene	ND		60	16	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Benzo[a]anthracene	ND		40	11	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Benzo[a]pyrene	ND		110	39	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Benzo[b]fluoranthene	ND		40	10	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Benzo[g,h,i]perylene	ND		60	18	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Benzo[k]fluoranthene	ND		60	14	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Bis(2-ethylhexyl) phthalate	ND		600	71	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Butyl benzyl phthalate	ND		200	51	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Chrysene	ND		60	13	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Dibenz(a,h)anthracene	ND		110	47	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Diethyl phthalate	ND		400	22	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Dimethyl phthalate	ND		150	5.0	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Di-n-butyl phthalate	ND		500	47	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Di-n-octyl phthalate	ND		200	89	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Fluoranthene	ND		40	12	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Fluorene	ND		25	5.0	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Indeno[1,2,3-cd]pyrene	ND		40	12	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Naphthalene	ND		25	5.0	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Phenanthrene	ND		60	5.8	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Phenol	ND		150	23	ug/Kg		01/15/25 14:01	01/17/25 11:06	1
Pyrene	ND		60	13	ug/Kg		01/15/25 14:01	01/17/25 11:06	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr)	*56*	*S1-*	*62 - 122*	*01/15/25 14:01*	*01/17/25 11:06*	*1*
2-Fluorobiphenyl	*76*		*64 - 120*	*01/15/25 14:01*	*01/17/25 11:06*	*1*
2-Fluorophenol (Surr)	*87*		*58 - 120*	*01/15/25 14:01*	*01/17/25 11:06*	*1*
Nitrobenzene-d5 (Surr)	*85*		*63 - 120*	*01/15/25 14:01*	*01/17/25 11:06*	*1*
Phenol-d5 (Surr)	*82*		*59 - 120*	*01/15/25 14:01*	*01/17/25 11:06*	*1*
Terphenyl-d14 (Surr)	*77*		*73 - 125*	*01/15/25 14:01*	*01/17/25 11:06*	*1*

Lab Sample ID: LCS 580-482650/2-A
Matrix: Solid
Analysis Batch: 482800

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene	2000	1570		ug/Kg		78	66 - 125
Acenaphthene	2000	1610		ug/Kg		81	64 - 120
Acenaphthylene	2000	1640		ug/Kg		82	72 - 120
Anthracene	2000	1750		ug/Kg		87	67 - 120
Benzo[a]anthracene	2000	1780		ug/Kg		89	60 - 135
Benzo[a]pyrene	2000	1550		ug/Kg		78	70 - 129
Benzo[b]fluoranthene	2000	1690		ug/Kg		84	58 - 136
Benzo[g,h,i]perylene	2000	1580		ug/Kg		79	50 - 130
Benzo[k]fluoranthene	2000	1600		ug/Kg		80	57 - 142
Bis(2-ethylhexyl) phthalate	2000	2000		ug/Kg		100	56 - 150

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

Lab Sample ID: LCS 580-482650/2-A
Matrix: Solid
Analysis Batch: 482800

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 482650

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Butyl benzyl phthalate	2000	1860		ug/Kg		93	58 - 150
Chrysene	2000	1530		ug/Kg		77	69 - 127
Dibenz(a,h)anthracene	2000	1610		ug/Kg		81	51 - 139
Diethyl phthalate	2000	1750		ug/Kg		88	71 - 120
Dimethyl phthalate	2000	1680		ug/Kg		84	71 - 120
Di-n-butyl phthalate	2000	1710		ug/Kg		85	66 - 135
Di-n-octyl phthalate	2000	2090		ug/Kg		104	53 - 150
Fluoranthene	2000	1660		ug/Kg		83	69 - 133
Fluorene	2000	1700		ug/Kg		85	68 - 121
Indeno[1,2,3-cd]pyrene	2000	1620		ug/Kg		81	43 - 133
Naphthalene	2000	1580		ug/Kg		79	68 - 120
Phenanthrene	2000	1660		ug/Kg		83	74 - 120
Phenol	2000	1890		ug/Kg		94	59 - 120
Pyrene	2000	1760		ug/Kg		88	68 - 126

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr)	*80*		*62 - 122*
2-Fluorobiphenyl	*78*		*64 - 120*
2-Fluorophenol (Surr)	*88*		*58 - 120*
Nitrobenzene-d5 (Surr)	*91*		*63 - 120*
Phenol-d5 (Surr)	*88*		*59 - 120*
Terphenyl-d14 (Surr)	*81*		*73 - 125*

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

Lab Sample ID: MB 580-482650/1-A
Matrix: Solid
Analysis Batch: 482865

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482650

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,2,4-Trichlorobenzene - RA	ND		50	6.0	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Acenaphthene - RA	ND		40	4.6	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Acenaphthylene - RA	ND		25	5.0	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Anthracene - RA	ND		60	16	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Benzo[a]anthracene - RA	ND		40	11	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Benzo[a]pyrene - RA	ND		110	39	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Benzo[b]fluoranthene - RA	ND		40	10	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Benzo[g,h,i]perylene - RA	ND		60	18	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Benzo[k]fluoranthene - RA	ND		60	14	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Bis(2-ethylhexyl) phthalate - RA	ND		600	71	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Butyl benzyl phthalate - RA	ND		200	51	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Chrysene - RA	ND		60	13	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Dibenz(a,h)anthracene - RA	ND		110	47	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Diethyl phthalate - RA	ND		400	22	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Dimethyl phthalate - RA	ND		150	5.0	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Di-n-butyl phthalate - RA	ND		500	47	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Di-n-octyl phthalate - RA	ND		200	89	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Fluoranthene - RA	ND		40	12	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Fluorene - RA	ND		25	5.0	ug/Kg		01/15/25 14:01	01/17/25 18:52	1

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

Lab Sample ID: MB 580-482650/1-A
Matrix: Solid
Analysis Batch: 482865

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 482650

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Indeno[1,2,3-cd]pyrene - RA	ND		40	12	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Naphthalene - RA	ND		25	5.0	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Phenanthrene - RA	ND		60	5.8	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Phenol - RA	ND		150	23	ug/Kg		01/15/25 14:01	01/17/25 18:52	1
Pyrene - RA	ND		60	13	ug/Kg		01/15/25 14:01	01/17/25 18:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
2,4,6-Tribromophenol (Surr) - RA	*58*	*S1-*	*62 - 122*	*01/15/25 14:01*	*01/17/25 18:52*	*1*
2-Fluorobiphenyl - RA	*91*		*64 - 120*	*01/15/25 14:01*	*01/17/25 18:52*	*1*
2-Fluorophenol (Surr) - RA	*86*		*58 - 120*	*01/15/25 14:01*	*01/17/25 18:52*	*1*
Nitrobenzene-d5 (Surr) - RA	*84*		*63 - 120*	*01/15/25 14:01*	*01/17/25 18:52*	*1*
Phenol-d5 (Surr) - RA	*85*		*59 - 120*	*01/15/25 14:01*	*01/17/25 18:52*	*1*
Terphenyl-d14 (Surr) - RA	*89*		*73 - 125*	*01/15/25 14:01*	*01/17/25 18:52*	*1*

Lab Sample ID: 590-28920-1 MS
Matrix: Solid
Analysis Batch: 482865

Client Sample ID: TP-1-4
Prep Type: Total/NA
Prep Batch: 482650

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
1,2,4-Trichlorobenzene - RA	ND		1960	1800		ug/Kg	☼	92	66 - 125
Acenaphthene - RA	ND		1960	1920		ug/Kg	☼	98	64 - 120
Acenaphthylene - RA	ND		1960	1940		ug/Kg	☼	99	72 - 120
Anthracene - RA	ND		1960	1880		ug/Kg	☼	96	67 - 120
Benzo[a]anthracene - RA	ND		1960	2030		ug/Kg	☼	104	60 - 135
Benzo[a]pyrene - RA	43	J	1960	1850		ug/Kg	☼	93	70 - 129
Benzo[b]fluoranthene - RA	28	J	1960	1920		ug/Kg	☼	97	58 - 136
Benzo[g,h,i]perylene - RA	48	J	1960	1950		ug/Kg	☼	97	50 - 130
Benzo[k]fluoranthene - RA	ND		1960	1640		ug/Kg	☼	84	57 - 142
Bis(2-ethylhexyl) phthalate - RA	97	J	1960	2270		ug/Kg	☼	111	56 - 150
Butyl benzyl phthalate - RA	ND		1960	2220		ug/Kg	☼	113	58 - 150
Chrysene - RA	21	J	1960	1820		ug/Kg	☼	92	69 - 127
Dibenz(a,h)anthracene - RA	ND		1960	1930		ug/Kg	☼	99	51 - 139
Diethyl phthalate - RA	ND		1960	2050		ug/Kg	☼	105	71 - 120
Dimethyl phthalate - RA	ND		1960	2000		ug/Kg	☼	102	71 - 120
Di-n-butyl phthalate - RA	49	J	1960	2060		ug/Kg	☼	103	66 - 135
Di-n-octyl phthalate - RA	ND		1960	2450		ug/Kg	☼	125	53 - 150
Fluoranthene - RA	29	J	1960	1860		ug/Kg	☼	93	69 - 133
Fluorene - RA	ND		1960	1960		ug/Kg	☼	100	68 - 121
Indeno[1,2,3-cd]pyrene - RA	26	J	1960	2040		ug/Kg	☼	103	43 - 133
Naphthalene - RA	54		1960	1860		ug/Kg	☼	92	68 - 120
Phenanthrene - RA	18	J	1960	1890		ug/Kg	☼	96	74 - 120
Phenol - RA	ND		1960	1820		ug/Kg	☼	93	59 - 120
Pyrene - RA	24	J	1960	1940		ug/Kg	☼	98	68 - 126

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
2,4,6-Tribromophenol (Surr) - RA	*91*		*62 - 122*
2-Fluorobiphenyl - RA	*92*		*64 - 120*

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

Lab Sample ID: 590-28920-1 MS
Matrix: Solid
Analysis Batch: 482865

Client Sample ID: TP-1-4
Prep Type: Total/NA
Prep Batch: 482650

Surrogate	MS %Recovery	MS Qualifier	Limits
2-Fluorophenol (Surr) - RA	*86*		*58 - 120*
Nitrobenzene-d5 (Surr) - RA	*91*		*63 - 120*
Phenol-d5 (Surr) - RA	*93*		*59 - 120*
Terphenyl-d14 (Surr) - RA	*91*		*73 - 125*

Lab Sample ID: 590-28920-1 MSD
Matrix: Solid
Analysis Batch: 482865

Client Sample ID: TP-1-4
Prep Type: Total/NA
Prep Batch: 482650

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
1,2,4-Trichlorobenzene - RA	ND		2060	1920		ug/Kg	☼	94	66 - 125	7	18
Acenaphthene - RA	ND		2060	2030		ug/Kg	☼	99	64 - 120	6	19
Acenaphthylene - RA	ND		2060	2070		ug/Kg	☼	101	72 - 120	6	18
Anthracene - RA	ND		2060	1960		ug/Kg	☼	95	67 - 120	4	28
Benzo[a]anthracene - RA	ND		2060	2100		ug/Kg	☼	102	60 - 135	3	21
Benzo[a]pyrene - RA	43	J	2060	1890		ug/Kg	☼	90	70 - 129	2	27
Benzo[b]fluoranthene - RA	28	J	2060	2020		ug/Kg	☼	97	58 - 136	5	25
Benzo[g,h,i]perylene - RA	48	J	2060	2000		ug/Kg	☼	95	50 - 130	3	26
Benzo[k]fluoranthene - RA	ND		2060	1690		ug/Kg	☼	82	57 - 142	3	18
Bis(2-ethylhexyl) phthalate - RA	97	J	2060	2460		ug/Kg	☼	115	56 - 150	8	25
Butyl benzyl phthalate - RA	ND		2060	2410		ug/Kg	☼	117	58 - 150	8	27
Chrysene - RA	21	J	2060	1900		ug/Kg	☼	91	69 - 127	4	27
Dibenz(a,h)anthracene - RA	ND		2060	2010		ug/Kg	☼	98	51 - 139	4	29
Diethyl phthalate - RA	ND		2060	2250		ug/Kg	☼	109	71 - 120	9	22
Dimethyl phthalate - RA	ND		2060	2150		ug/Kg	☼	105	71 - 120	7	21
Di-n-butyl phthalate - RA	49	J	2060	2260		ug/Kg	☼	107	66 - 135	9	26
Di-n-octyl phthalate - RA	ND		2060	2710		ug/Kg	☼	132	53 - 150	10	18
Fluoranthene - RA	29	J	2060	1970		ug/Kg	☼	94	69 - 133	6	21
Fluorene - RA	ND		2060	2080		ug/Kg	☼	101	68 - 121	6	17
Indeno[1,2,3-cd]pyrene - RA	26	J	2060	2110		ug/Kg	☼	101	43 - 133	3	30
Naphthalene - RA	54		2060	2040		ug/Kg	☼	97	68 - 120	9	15
Phenanthrene - RA	18	J	2060	2040		ug/Kg	☼	98	74 - 120	7	27
Phenol - RA	ND		2060	1950		ug/Kg	☼	95	59 - 120	7	30
Pyrene - RA	24	J	2060	2040		ug/Kg	☼	98	68 - 126	5	24

Surrogate	MSD %Recovery	MSD Qualifier	Limits
2,4,6-Tribromophenol (Surr) - RA	*91*		*62 - 122*
2-Fluorobiphenyl - RA	*92*		*64 - 120*
2-Fluorophenol (Surr) - RA	*86*		*58 - 120*
Nitrobenzene-d5 (Surr) - RA	*93*		*63 - 120*
Phenol-d5 (Surr) - RA	*95*		*59 - 120*
Terphenyl-d14 (Surr) - RA	*93*		*73 - 125*

Method: 6010D - Metals (ICP)

Lab Sample ID: MB 590-51788/2-A
Matrix: Solid
Analysis Batch: 51821

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 51788

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Arsenic	ND		1.3	0.50	mg/Kg		01/14/25 11:38	01/15/25 11:35	1
Cadmium	ND		1.0	0.059	mg/Kg		01/14/25 11:38	01/15/25 11:35	1
Lead	ND		3.0	1.5	mg/Kg		01/14/25 11:38	01/15/25 11:35	1

Lab Sample ID: LCS 590-51788/1-A
Matrix: Solid
Analysis Batch: 51821

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 51788

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	100	103		mg/Kg		103	80 - 120
Cadmium	50.0	50.7		mg/Kg		101	80 - 120
Lead	50.0	52.5		mg/Kg		105	80 - 120

Lab Sample ID: 590-28920-1 MS
Matrix: Solid
Analysis Batch: 51821

Client Sample ID: TP-1-4
Prep Type: Total/NA
Prep Batch: 51788

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Arsenic	13	F1 F2	101	118		mg/Kg	☼	104	75 - 125
Cadmium	0.69	J F1 F2	50.6	53.2		mg/Kg	☼	104	75 - 125
Lead	190	F1 F2	50.6	335	F1	mg/Kg	☼	289	75 - 125

Lab Sample ID: 590-28920-1 MSD
Matrix: Solid
Analysis Batch: 51821

Client Sample ID: TP-1-4
Prep Type: Total/NA
Prep Batch: 51788

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Arsenic	13	F1 F2	99.3	15.8	F1 F2	mg/Kg	☼	3	75 - 125	153	20
Cadmium	0.69	J F1 F2	49.7	1.38	J F1 F2	mg/Kg	☼	1	75 - 125	190	20
Lead	190	F1 F2	49.7	258	F1 F2	mg/Kg	☼	139	75 - 125	26	20

Lab Sample ID: 590-28920-1 DU
Matrix: Solid
Analysis Batch: 51821

Client Sample ID: TP-1-4
Prep Type: Total/NA
Prep Batch: 51788

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Arsenic	13	F1 F2	15.7		mg/Kg	☼	20	20
Cadmium	0.69	J F1 F2	1.95	J F5	mg/Kg	☼	95	20
Lead	190	F1 F2	378	F3	mg/Kg	☼	67	20

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Cora

Job ID: 590-28920-1

Client Sample ID: TP-1-4
Lab Sample ID: 590-28920-1
Date Collected: 01/10/25 09:00
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			51790	01/14/25 11:51	AMB	EET SPK

Client Sample ID: TP-1-4
Lab Sample ID: 590-28920-1
Date Collected: 01/10/25 09:00
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 94.1

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546	RA		10.520 g	10 mL	482650	01/15/25 14:01	KI	EET SEA
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	482865	01/17/25 19:15	K1K	EET SEA
Total/NA	Prep	3050B			1.48 g	50 mL	51788	01/14/25 11:39	AMB	EET SPK
Total/NA	Analysis	6010D		10			51821	01/15/25 11:40	AMB	EET SPK

Client Sample ID: TP-1-8
Lab Sample ID: 590-28920-2
Date Collected: 01/10/25 09:30
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			51790	01/14/25 11:51	AMB	EET SPK

Client Sample ID: TP-1-8
Lab Sample ID: 590-28920-2
Date Collected: 01/10/25 09:30
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 93.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546	RA		10.317 g	10 mL	482650	01/15/25 14:01	KI	EET SEA
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	482865	01/17/25 20:26	K1K	EET SEA
Total/NA	Prep	3546			10.317 g	10 mL	482650	01/15/25 14:01	KI	EET SEA
Total/NA	Analysis	8270E		1	1 mL	1 mL	482800	01/17/25 14:14	CB	EET SEA
Total/NA	Prep	3050B			1.46 g	50 mL	51788	01/14/25 11:39	AMB	EET SPK
Total/NA	Analysis	6010D		10			51821	01/15/25 12:10	AMB	EET SPK

Client Sample ID: TP-2-4
Lab Sample ID: 590-28920-3
Date Collected: 01/10/25 09:40
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			51790	01/14/25 11:51	AMB	EET SPK

Client Sample ID: TP-2-4
Lab Sample ID: 590-28920-3
Date Collected: 01/10/25 09:40
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546	RA		10.365 g	10 mL	482650	01/15/25 14:01	KI	EET SEA
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	482865	01/17/25 20:49	K1K	EET SEA

Client Sample ID: TP-2-4
Lab Sample ID: 590-28920-3
Date Collected: 01/10/25 09:40
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 91.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3050B			1.60 g	50 mL	51788	01/14/25 11:39	AMB	EET SPK
Total/NA	Analysis	6010D		10			51821	01/15/25 12:15	AMB	EET SPK

Client Sample ID: TP-2-8
Lab Sample ID: 590-28920-4
Date Collected: 01/10/25 09:50
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			51790	01/14/25 11:51	AMB	EET SPK

Client Sample ID: TP-2-8
Lab Sample ID: 590-28920-4
Date Collected: 01/10/25 09:50
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 94.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546	RA		10.632 g	10 mL	482650	01/15/25 14:01	KI	EET SEA
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	482865	01/17/25 21:13	K1K	EET SEA
Total/NA	Prep	3050B			1.61 g	50 mL	51788	01/14/25 11:39	AMB	EET SPK
Total/NA	Analysis	6010D		10			51821	01/15/25 12:35	AMB	EET SPK

Client Sample ID: TP-3-4
Lab Sample ID: 590-28920-5
Date Collected: 01/10/25 10:00
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			51790	01/14/25 11:51	AMB	EET SPK

Client Sample ID: TP-3-4
Lab Sample ID: 590-28920-5
Date Collected: 01/10/25 10:00
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 95.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546			10.401 g	10 mL	482650	01/15/25 14:01	KI	EET SEA
Total/NA	Analysis	8270E		1	1 mL	1 mL	482805	01/17/25 13:40	CB	EET SEA
Total/NA	Prep	3050B			1.67 g	50 mL	51788	01/14/25 11:39	AMB	EET SPK
Total/NA	Analysis	6010D		10			51821	01/15/25 12:40	AMB	EET SPK

Client Sample ID: TP-3-8
Lab Sample ID: 590-28920-6
Date Collected: 01/10/25 10:10
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			51790	01/14/25 11:51	AMB	EET SPK

Client Sample ID: TP-3-8

Lab Sample ID: 590-28920-6

Date Collected: 01/10/25 10:10

Matrix: Solid

Date Received: 01/10/25 11:32

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			10.727 g	10 mL	482650	01/15/25 14:01	KI	EET SEA
Total/NA	Analysis	8270E		1	1 mL	1 mL	482805	01/17/25 14:03	CB	EET SEA
Total/NA	Prep	3050B			1.48 g	50 mL	51788	01/14/25 11:39	AMB	EET SPK
Total/NA	Analysis	6010D		10			51821	01/15/25 12:45	AMB	EET SPK

Client Sample ID: TP-4-4

Lab Sample ID: 590-28920-7

Date Collected: 01/10/25 10:20

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			51790	01/14/25 11:51	AMB	EET SPK

Client Sample ID: TP-4-4

Lab Sample ID: 590-28920-7

Date Collected: 01/10/25 10:20

Matrix: Solid

Date Received: 01/10/25 11:32

Percent Solids: 88.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546	RA		10.333 g	10 mL	482650	01/15/25 14:01	KI	EET SEA
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	482865	01/17/25 21:36	K1K	EET SEA
Total/NA	Prep	3050B			1.68 g	50 mL	51788	01/14/25 11:39	AMB	EET SPK
Total/NA	Analysis	6010D		10			51821	01/15/25 12:50	AMB	EET SPK

Client Sample ID: TP-4-8

Lab Sample ID: 590-28920-8

Date Collected: 01/10/25 10:30

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			51790	01/14/25 11:51	AMB	EET SPK

Client Sample ID: TP-4-8

Lab Sample ID: 590-28920-8

Date Collected: 01/10/25 10:30

Matrix: Solid

Date Received: 01/10/25 11:32

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	RA		10.023 g	10 mL	482650	01/15/25 14:01	KI	EET SEA
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	482865	01/17/25 22:00	K1K	EET SEA
Total/NA	Prep	3050B			1.64 g	50 mL	51788	01/14/25 11:39	AMB	EET SPK
Total/NA	Analysis	6010D		10			51821	01/15/25 12:55	AMB	EET SPK

Client Sample ID: TP-5-8

Lab Sample ID: 590-28920-10

Date Collected: 01/10/25 10:50

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			51790	01/14/25 11:51	AMB	EET SPK

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Cora

Job ID: 590-28920-1

Client Sample ID: TP-5-8

Lab Sample ID: 590-28920-10

Date Collected: 01/10/25 10:50
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 94.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546	RA		10.541 g	10 mL	482650	01/15/25 14:01	KI	EET SEA
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	482865	01/17/25 22:23	K1K	EET SEA
Total/NA	Prep	3050B			1.72 g	50 mL	51788	01/14/25 11:39	AMB	EET SPK
Total/NA	Analysis	6010D		10			51821	01/15/25 13:00	AMB	EET SPK

Client Sample ID: TP-6-8

Lab Sample ID: 590-28920-12

Date Collected: 01/10/25 11:10
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			51790	01/14/25 11:51	AMB	EET SPK

Client Sample ID: TP-6-8

Lab Sample ID: 590-28920-12

Date Collected: 01/10/25 11:10
Matrix: Solid
Date Received: 01/10/25 11:32
Percent Solids: 94.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	3546	RA		10.026 g	10 mL	482650	01/15/25 14:01	KI	EET SEA
Total/NA	Analysis	8270E	RA	1	1 mL	1 mL	482865	01/17/25 22:47	K1K	EET SEA
Total/NA	Prep	3050B			1.38 g	50 mL	51788	01/14/25 11:39	AMB	EET SPK
Total/NA	Analysis	6010D		10			51821	01/15/25 13:05	AMB	EET SPK

Laboratory References:

EET SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

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: 590-28920-1
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 Seattle

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

Authority	Program	Identification Number	Expiration Date
Alaska (UST)	State	20-004	02-19-25
ANAB	Dept. of Defense ELAP	L2236	01-19-27
ANAB	Dept. of Energy	L2236	01-19-25
ANAB	ISO/IEC 17025	L2236	01-19-25
California	State	2954	07-07-25
Florida	NELAP	E87575	06-30-25
Louisiana	NELAP	03073	06-30-25
Louisiana (All)	NELAP	03073	06-30-25
Maine	State	WA01273	05-02-26
Montana (UST)	State	NA	04-14-27
New Jersey	NELAP	WA014	06-30-25
New York	NELAP	11662	04-01-25
Oregon	NELAP	4167	07-07-25
US Fish & Wildlife	US Federal Programs	A20571	06-30-25
USDA	US Federal Programs	525-23-4-22573	01-04-26
Washington	State	C788-24	07-13-25
Wisconsin	State	399133460	09-01-25

Method Summary

Client: Spokane Environmental Solutions LLC
Project/Site: Cora

Job ID: 590-28920-1

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

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 SEA = Eurofins Seattle, 5755 8th Street East, Tacoma, WA 98424, TEL (253)922-2310

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

eurofins | Environment Testing

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-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	X SP		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	Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☒ Unknown ☐ Radiological	☐ 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			
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
			[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 ice IR Gun

TP-6-8 HOLD

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	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						

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

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

Chain of Custody Record

eurofins | Environment Testing

1/20/2025

Client Information (Sub Contract Lab)	Sampler: N/A	Lab PM: Arrington, Randee E	Carrier Tracking No(s): N/A	COC No: 590-10379.1
Client Contact: Shipping/Receiving	Phone: N/A	E-Mail: Randee.Arrington@et.eurofinsus.com	State of Origin: Washington	Page: Page 1 of 2
Company: Eurofins Environment Testing Northwest,		Accreditations Required (See note): State Program - Washington		Job #: 590-28920-1
Address: 5755 8th Street East, ,	Due Date Requested: 1/14/2025			Preservation Codes: -
City: Tacoma	TAT Requested (days): N/A			
State, Zip: WA, 98424				
Phone: 253-922-2310(Tel)	PO #: N/A			
Email: N/A	WO #: N/A			
Project Name: Cora	Project #: 59001518			
Site: N/A	SSOW#: N/A			Other: N/A

Analysis Requested

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-1-4 (590-28920-1)	1/10/25	09:00 Pacific	G	Solid			X	1	
TP-1-8 (590-28920-2)	1/10/25	09:30 Pacific	G	Solid			X	1	
TP-2-4 (590-28920-3)	1/10/25	09:40 Pacific	G	Solid			X	1	
TP-2-8 (590-28920-4)	1/10/25	09:50 Pacific	G	Solid			X	1	
TP-3-4 (590-28920-5)	1/10/25	10:00 Pacific	G	Solid			X	1	
TP-3-8 (590-28920-6)	1/10/25	10:10 Pacific	G	Solid			X	1	
TP-4-4 (590-28920-7)	1/10/25	10:20 Pacific	G	Solid			X	1	
TP-4-8 (590-28920-8)	1/10/25	10:30 Pacific	G	Solid			X	1	
TP-5-8 (590-28920-10)	1/10/25	10:50 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
	1/13/25 1420	ET SPO		1-14-25 1045	ET-H
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: ∆ Yes ∆ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: IR11 1.9/2.9

Ver: 10/10/2024

Login Sample Receipt Checklist

Client: Spokane Environmental Solutions LLC

Job Number: 590-28920-1

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	

Login Sample Receipt Checklist

Client: Spokane Environmental Solutions LLC

Job Number: 590-28920-1

Login Number: 28920
List Number: 2
Creator: Pike, Jacob 1

List Source: Eurofins Seattle
List Creation: 01/14/25 12:50 PM

Question	Answer	Comment
Radioactivity wasn't checked or is </= background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	True	
Sample custody seals, if present, are intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	ir11 1.9c
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?	N/A	Received project as a subcontract.
There are no discrepancies between the containers received and the COC.	True	
Samples are received within Holding Time (excluding tests with immediate HTs)	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified.	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
Containers requiring zero headspace have no headspace or bubble is <6mm (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	