

**Revised Supplemental Site Assessment and Temporary
Monitoring Well Installation and Sampling**

**1866 Jadwin Avenue
Richland, Washington**

***Prepared for*
Pineview Development, Inc.**

SES PROJECT NO. 1820-001



**2020 E. Springfield Avenue,
Spokane, Washington 99212
509.688.5376**

March 14, 2025. Revised March 26, 2025

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PROJECT INFORMATION

Site Name/Location: 1866 Jadwin Avenue
Richland, Washington

Sampling Dates: February 21 2025 and March 21, 2025

Site Owner: Pineview Development, 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.: 1820-001

SITE BACKGROUND

INTRODUCTION

This report documents findings of the Supplemental Environmental Sampling performed by Spokane Environmental Solutions, LLC (SES) on behalf of Pineview Development, Inc. The investigation activities described in this report were conducted at the Site located in the city of Richland, Benton County, Parcel No. 102982020745003 in Washington, about 0.7 miles west-northwest of the Columbia River. The Site is approximately 3.95 acres in size and is bounded on the north by McMurray Street and Jadwin Avenue on the west, as shown on **Figure 1**.

This site is currently unused and slated for development as an apartment complex. A Phase I Environmental Site Assessment (ESA) and subsequent Limited Phase II ESA, conducted by others (*Limited Phase II Environmental Site Assessment, Proposed Jadwin 1866 Jadwin Avenue, Richland, Washington*, D3G Project Number 2024-001-1866, January 2, 2025, Dominion Due Diligence Group), identified a Recognized Environmental Condition (REC) associated with pipes observed near the only structure on-site, a vacant wood shop and storage building. To address this, a Limited Phase II ESA was carried out to evaluate whether contaminants of concern had adversely impacted the shallow soil in the northeastern portion of the site.

The results indicated that neither soil or shallow groundwater were affected by contaminants of concern at concentrations exceeding the Model Toxics Control Act (MTCA) Method A criteria for unrestricted site use. However, soil vapor samples revealed benzene at concentrations exceeding screening levels, potentially impacting indoor air quality. Consequently, the Department of Ecology (Ecology) categorized the site as Moderate risk with Low confidence, as noted in the SHARP worksheet. The site has been registered under ERTS #734950, CSID #17129, and FSID #99998003.

PURPOSE AND OBJECTIVES

The purpose of the site assessments conducted by SES was to determine the extent of soil impact if present, and to provide a basis for site remediation if required. Additionally, we are working through an expedited path for site closure with the Washington Department of Ecology (Ecology) which would not require a site covenant.

To this end, we provided a Sampling and Analysis Plan (SAP) which was incorporated into our Proposal. It included soil sampling and analytical procedures, field documentation, waste management, sample handling and observance of chain of custody protocol for this project. This Plan was revised in our subsequent proposal to include monitoring well installation and groundwater sampling.

This report describes sampling procedures, sampling observations, and analytical laboratory data results for the 24 soil samples collected during assessment activities conducted on February 21, 2025. SES also collected one grab sample of groundwater during this event. As the sample was collected from the excavator bucket, it is for informational purposes only. A second mobilization on March 20, 2025 was for the

purpose of installing four temporary groundwater monitoring wells, which were sampled on March 21, 2025. Test pit and monitoring well locations are shown on **Figure 2**.

SCOPE OF WORK

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

1. Generated a site-specific health and safety plan to guide SES personnel while onsite.
2. Contacted the One-Call utility locating service to locate public and private utilities to locate each sample location. SES also contracted with Geophysical Survey to independently clear each test pit location.
3. Mobilized a mini excavator to dig test pits for sampling purposes and backfill when complete.
4. SES completed 12 test pits across the Site to complement the locations previously explored. Test pit locations were sited based on where future structures are planned to be constructed.
5. Collected two soil samples from each sample location (one sample from 0- to 3-feet below site grade (bgs) and a second sample from 3 to 6-feet bgs. Each sample was screened for potential petroleum hydrocarbon contamination using field-screening methods including visual/olfactory methods, PID and water sheen.
6. Install four temporary groundwater monitoring wells on site to document groundwater concentrations of contaminants of concern in shallow groundwater across the site. This was completed on a second mobilization in March 2025.
7. Submitted soil samples to Eurofins' Laboratory of Spokane, Washington, for analysis of BTEX compounds by EPA Method 8260D. Gasoline-range organics were analyzed by Northwest Method NWTPH-Gx. Groundwater samples collected from the site monitoring wells were submitted for analysis of BTEX compound by EPA Method 8260D.
8. Prepared a report which compared soil analytical results to Ecology's Model Toxics Control Act (MTCA) Method A cleanup criterion for unrestricted land use.
9. Initiate/complete dialog with Ecology staff regarding next steps for expedited site closure.

GENERAL SITE INFORMATION

SITE DESCRIPTION

There is one vacant building on site, with the remainder of the Site being undeveloped. The current building is to be removed from site at the start of redevelopment, which is scheduled to begin immediately upon a no further action opinion from Ecology.

The site is situated approximately 0.7 miles west-northwest of the Columbia River. The local elevation is approximately 358 feet above mean sea level and the Site is relatively flat. **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 silty Sand with fine gravel (SM) overlying sandy Gravels with cobbles (GP) in the areas explored.

Our understanding of the geologic setting of the site was developed by review of the 2024 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 6-feet bgs based on our most recent assessment.

Hydraulic gradient, as determined from recent Monitoring Well installation is southeasterly, generally towards the Columbia River at a gradient of 0.0025 feet per foot (Ft/ft). This is consistent with historic groundwater flow direction as documented in a groundwater monitoring report reviewed for the Leaking Underground Storage Tank (LUST) report prepared for the retail gasoline station located approximately 500 feet to the Northwest of the site. This site was given a no further action (NFA) opinion in 2001. At the time of the groundwater monitoring report (*Groundwater Monitoring and Sampling Report, Chevron Service Station No. 9-7942, 1903 Jadwin Avenue, Richland, Washington Gettler-Ryan, Inc.* March 27, 2000) groundwater flow was to the southeast at an approximate gradient of 0.002Ft/ft.

SUBSURFACE INVESTIGATION

This section describes sample collection methods and field observations from the investigations completed on February 21, 2025. Mr. Gary D. Panther, an environmental geologist collected the samples for chemical analysis. SES personnel utilized a CAT 303E mini excavator to dig test pits and collect soil samples. The sampling was conducted with one mobilization to the site.

SES re-mobilized to the site on March 20, 2025 to install four temporary groundwater monitoring wells in general accordance with Ecology guidance received on March 19, 2025. The temporary wells were installed in up-gradient proximity to SES's previous test pits to take advantage of utility locate clearances and were installed by Northern Lights Drilling, LLC, a Washington licensed well drilling company, in accordance with Ecology's guidance for monitoring well construction. SES surveyed well casing elevations and developed the wells same day as installation. Groundwater monitoring wells were sampled the following day, so as to allow groundwater elevations to equilibrate prior to measurement and sampling.

UTILITY CLEARANCE

Prior to excavation activities, the One-Call utility locating service was notified. SES also contracted with Geophysical Survey to clear each test pit location. Geophysical Survey reported that the test pit locations were clear of utilities with the exception of test pit TP-1 which was sited directly north of the existing building. Electrical and natural gas connections were noted in this area. It was also reported that two anomalous subsurface structures were also noted at this location. These structures were shallow and rectangular in shape. It was confirmed that these structures were not underground storage tanks (USTs) as they lacked the reflective signature associated with USTs. It was suggested that these might be footings or concrete slabs of unknown purpose.

SOIL SAMPLE LOCATIONS

Twenty-four discrete soil samples were collected from 12 test pits using EPA 5035 sampling protocol. One discrete sample was collected from each excavation from 0 to 3-feet in depth (TP-X-1) and one was collected from 3-feet to terminal depth (TP-X-2).

GROUNDWATER SAMPLE LOCATIONS

Temporary monitoring wells were constructed using ¾-inch well screen and casing at four locations across the site. Wells were generally placed in an inferred upgradient location from existing test pit locations to avoid additional soil sampling and to take advantage of existing utility clearances. Borings were advanced to 8-feet bgs and 2-feet of well screen was installed across the groundwater interface for collection of representative groundwater samples. Test Pit and Monitoring Well 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, PID readings and water sheen testing. With the exception of TP-11, where a faint odor of weathered gasoline was observed near the soil-water interface, we did not detect the obvious presence of petroleum hydrocarbons in the remaining samples screened.

Groundwater samples were collected from the temporary monitoring wells in general accordance with EPA guidelines for low flow sampling. We did not record water quality parameters. Monitoring well casings were surveyed and each well was developed on March 20, 2025 until purge water was clear.

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

ANALYTICAL LABORATORY RESULTS

SOIL SAMPLING RESULTS

Of the 24 soil samples analyzed for gasoline, gasoline was not detected at concentrations exceeding Method Reporting Limits (MRL) or MTCA Method A cleanup criteria for unrestricted land use.

Of the 24 soil samples analyzed for BTEX compounds, none were detected at concentrations exceeding Method Detection Limits (MDL) or MTCA Method A criterion for unrestricted land use. Soil analytical results are provided on **Table 1**.

GROUNDWATER SAMPLING RESULTS

During the initial soil assessment, one grab sample of groundwater was collected during this assessment from test pit TP-11. The sample was collected from the excavator bucket and is used for informational purposes only. The analytical results indicated that gasoline and BTEX compounds were not detected.

The sampling results from the recently installed monitoring wells indicate that groundwater is not impacted with BTEX compounds at concentrations exceeding MRL/MDL and/or MTCA Method A cleanup criterion. This documents that groundwater beneath the Site does not present a threat to human health or the environment. Groundwater analytical results are provided in **Table 2**.

Copies of the laboratory analytical reports and chain-of-custody documents are included in **Attachment B**

DISCUSSION

Analytical results for all 24 soil samples collected during this event indicate that soil impact is negligible, and well below any cleanup requirements for unrestricted land use. This is consistent results collected by others during a previous assessment.

Concentration of contaminants of concern (COCs) in the groundwater sample collected from the excavation TP-11 were also observed to be well below applicable cleanup criterion for unrestricted site use. This is also consistent with results associated with the previous assessment by D3G in their January 2025 report.

Concentrations of COCs in the subsequent groundwater samples collected from temporary groundwater monitoring wells sampled on March 21, 2025 indicate that concentrations of COCs in the samples collected do not exceed MTCA Method A criterion for unrestricted site use.

In the previous Phase II ESA, soil vapor samples collected from near the subject site's northern limit exceed theoretical indoor air quality standards for benzene. However, associated soil and groundwater samples were well below any threshold capable of

generating such concentrations. It is SES' opinion that the utility corridor which borders the northern portion the site is the likely source of these vapors. Not only does this corridor provide a conduit for vapors emanating from off site sources, such as the operating retail gasoline station located upgradient of the site, within the corridor is a natural gas feeder and associated service lines to the site. As natural gas contains benzene as a component, ranging in concentration from the teens to upwards of 30+ ppm by volume, small leaks over time would be an obvious source for this impact. In our opinion, with no obvious onsite sources for benzene being established, the vapor intrusion (VI) pathway is incomplete and does not provide a nexus for further site assessment or being listed by Ecology as an active site.

CONCLUSIONS

Based on field observations and analytical results, soil and groundwater concentrations of contaminants of concern do not support further assessment or consideration of remediation or engineering controls beyond those required by current Building Codes, ie a radon abatement system.

It is our opinion that without demonstrable soil or groundwater impacts at concentrations sufficient to support a VI scenario, the pathway is incomplete and the Site should be ripe for regulatory closure. We therefore request that the Site be granted a no further action opinion.

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 Pineview Development, Inc 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 Pineview Development, Inc.

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

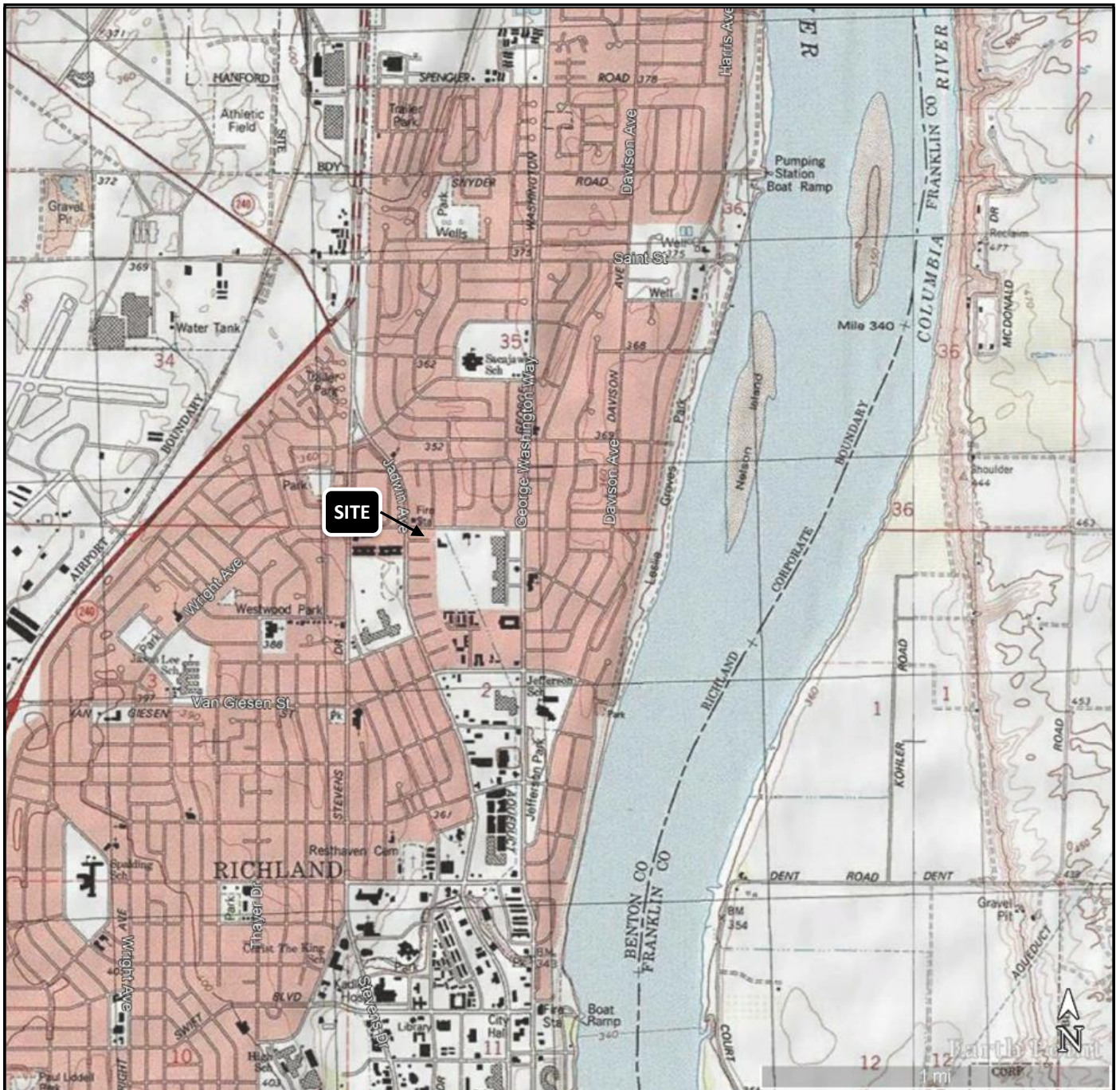
Sincerely,

SES

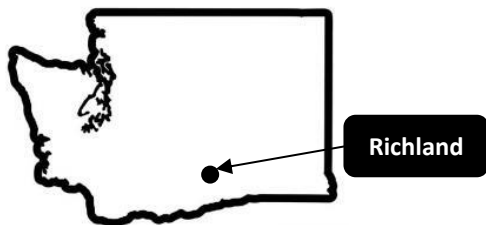
A handwritten signature in blue ink, appearing to read "Gary D. Panther", with a long horizontal flourish extending to the right.

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

FIGURES



Not to Scale



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: 2/27/2025

Vicinity Map

Supplemental Phase II ESA
1866 Jadwin Avenue

Richland, WA



**Spokane
Environmental
Solutions**

Figure

1



Legend

	Parcel Outline		Test Pit Location
	Monitoring Well Location		Groundwater Flow

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: 3/22/2025

Not to Scale

Test Pit and Monitoring Well Location Map

Supplemental Phase II ESA
1866 Jadwin Avenue

Richland, WA



**Spokane
Environmental
Solutions**

Figure

2

TABLES

Table 1 - Soil Analytical Data
Supplemental Site Assessment
1866 Jadwin Avenue, Richland, Washington

Sample ID	Sample Depth (ft bgs)	Sample Date	GRO mg/Kg	Benzene mg/Kg	Toluene mg/Kg	Ethylbenzene mg/Kg	Total Xylenes mg/Kg
Ecology MTCA Method A Soil Cleanup Level			30/100	0.030	7	6	9
TP-1-1	3.0	2/21/2025	2.6 J	<0.025	<0.12	<0.12	<0.75
TP-1-2	5.0	2/21/2025	2.6 J	<0.026	<0.13	<0.13	<0.78
TP-2-1	2.0	2/21/2025	3.7 J	<0.027	<0.14	<0.14	<0.82
TP-2-2	5.5	2/21/2025	2.0 J	<0.021	<0.11	<0.11	<0.64
TP-3-1	2.5	2/21/2025	2.7 J	<0.024	<0.12	<0.12	<0.72
TP-3-2	5.0	2/21/2025	2.0 J	<0.018	<0.092	<0.092	<0.55
TP-4-1	2.5	2/21/2025	2.7 J	<0.025	<0.013	<0.013	<0.76
TP-4-2	6.0	2/21/2025	2.5 J	<0.026	<0.013	<0.0131	<0.77
TP-5-1	2.0	2/21/2025	2.5 J	<0.026	<0.013	<0.013	<0.78
TP-5-2	5.0	2/21/2025	2.4 J	<0.026	<0.013	<0.013	<0.79
TP-6-1	2.5	2/21/2025	2.7 J	<0.025	<0.013	<0.013	<0.76
TP-6-2	5.5	2/21/2025	1.6 J	<0.017	<0.085	<0.085	<0.51
TP-7-1	2.0	2/21/2025	2.3 J	<0.024	<0.12	<0.12	<0.73
TP-7-2	5.5	2/21/2025	2.0 J	<0.020	<0.10	<0.10	<0.61
TP-8-1	2.5	2/21/2025	2.1 J	<0.023	<0.11	<0.11	<0.68
TP-8-2	5.5	2/21/2025	<7.2	<0.029	<0.14	<0.14	<0.86
TP-9-1	2.0	2/21/2025	<5.5	<0.022	<0.11	<0.11	<0.66
TP-9-2	5.0	2/21/2025	<6.2	<0.025	<0.12	<0.12	<0.75
TP-10-1	2.5	2/21/2025	<5.7	<0.023	<0.11	<0.11	<0.69
TP-10-2	5.5	2/21/2025	<6.2	<0.025	<0.12	<0.12	<0.74
TP-11-1	2.0	2/21/2025	<5.7	<0.023	<0.11	<0.11	<0.68
TP-11-2	5.5	2/21/2025	<4.5	<0.018	<0.090	<0.090	<0.54
TP-12-1	2.0	2/21/2025	2.2 J	<0.023	<0.11	<0.11	<0.68
TP-12-2	5.5	2/21/2025	<7.2	<0.029	<0.14	<0.14	<0.86

Notes:

Units in milligrams per kilogram (mg/Kg) or micrograms per kilogram (ug/Kg)

bold = Analyte detected above MTCA Method A cleanup criteria.

< = Analyte not detected at or above the Method Reporting Limit (MRL)

= Indicates a detection in excess of the MTCA Method A Soil Cleanup Level.

= Indicates a non-detect with a Method Reporting Limit in excess of the MTCA Method A Soil Cleanup Level.

-- = not analyzed or not applicable

ID = Identification

MTCA = Model Toxics Control Act

NE = Not Established

Cleanup for Gasoline-Range Organics is 30 mg/Kg with Benzene detected, otherwise 100 mg/Kg

GRO = Gasoline-Range Organics

Table 2 - Groundwater Analytical Data
 Suplimental Site Assessment
 1866 Jadwin Avenue, Richland, Washington

Sample ID	Sample Depth (ft bgs)	Sample Location	Sample Date	GRO ug/L	Benzene ug/L	Toluene ug/L	Ethylbenzene ug/L	Total Xylenes ug/L
Ecology MTCA Method A Soil Cleanup Level				800/1000	5.0	1000	700	1000
MW-1	7.5	NE of Test Pit TP-1	3/21/2025	--	<0.40	<1.0	<1.0	<3.0
MW-2	7.5	N of Test Pit TP-2	3/21/2025	--	<0.40	<1.0	<1.0	<3.0
MW-3	7.5	NW of Test Pit TP-5	3/21/2025	--	<0.40	<1.0	<1.0	<3.0
MW-4	7.5	N of Test Pit TP-9	3/21/2025	--	<0.40	<1.0	<1.0	<3.0
TP-11	6.5	TP-11 grab from bucket	2/21/2025	<150	<0.40	<1.0	<1.0	<3.0

Notes:

Units in micrograms per liter (ug/L)

bold = Analyte detected above MTCA Method A cleanup criteria.

< = Analyte not detected at or above the Method Reporting Limit (MRL)

= Indicates a detection in excess of the MTCA Method A Soil Cleanup Level.

= Indicates a non-detect with a Method Reporting Limit in excess of the MTCA Method A Soil Cleanup Level.

MDL is less than MTCA Method A unrestricted cleanup Level.

-- = not analyzed or not applicable

ID = Identification

MTCA = Model Toxics Control Act

NE = Not Established

Cleanup for Gasoline-Range Organics is 800 ug/L with Benzene detected, otherwise 1000 ug/L

TPH = Total Petroleum Hydrocarbons

GRO = Gasoline-Range Organics

DRO = Diesel-Range Organics

RRO = Residual-Range Organics

UST = underground storage tank

VOC = volatile organic compounds

ATTACHMENT A

PHOTOGRAPHS

	PHOTOGRAPHIC LOG	
Pineview Development, Inc.	Supplemental Phase II Environmental Site Assessment 1866 Jadwin Avenue Richland, Washington	SES Project No.: 1820-001 Date: February 21, 2025

Photo No. 1		
Direction Photo Taken: Southwesterly		
Description: View of TP-1 . Soil consisted of silty SAND with occasional gravel to 6-feet bgs. A hand auger was used to collect the sample from beneath the building. No water sheen or odor was observed.		

Photo No. 2		
Direction Photo Taken: NA		
Description: View of TP-2 . Soil consisted of silty SAND with occasional gravel to the depth explored 6-feet bgs. Groundwater was observed at approximately 6-feet bgs. No water sheen or odor was observed.		

		PHOTOGRAPHIC LOG	
Pineview Development, Inc.		Supplemental Phase II Environmental Site Assessment 1866 Jadwin Avenue Richland, Washington	
		SES Project No.: 1820-001 Date: February 21, 2025	
Photo No. 3			
Direction Photo Taken: NA			
Description: View of TP-3 . Soil consisted of silty SAND with occasional gravel to approximately 5-feet bgs, then sandy GRAVEL with cobbles to depth explored at 6-feet bgs, where groundwater was encountered. No water sheen or odor was observed.			
Photo No. 4			
Direction Photo Taken: NA			
Description: View of TP-4 . Soil consisted of silty SAND with occasional gravel and cobbles to the depth explored 6-feet bgs. No water sheen or odor was observed.			

**Pineview
Development, Inc.**

Supplemental Phase II Environmental Site Assessment
1866 Jadwin Avenue
Richland, Washington

SES Project No.:
1820-001
Date: February 21, 2025

Photo No.

5

**Direction Photo
Taken:**

NA

Description:

View of **TP-5**. Soil consisted of silty SAND with occasional gravel to approximately 4-feet bgs, grades to sandy GRAVEL with cobbles to depth of 6-feet bgs.

No water sheen or odor was observed.



Photo No.

6

**Direction Photo
Taken:**

NA

Description:

View of **TP-6**. Soil consisted of silty SAND with occasional gravel to approximately 2.5-feet bgs then sandy GRAVEL with cobbles to approximately 6-feet bgs.

No water sheen or odor was observed.



**Pineview
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Supplemental Phase II Environmental Site Assessment
1866 Jadwin Avenue
Richland, Washington

SES Project No.:
1820-001
Date: February 21, 2025

Photo No.
7

**Direction Photo
Taken:**

NA

Description:

View of **TP-7**. Soil consisted of silty SAND with occasional gravel to approximately 2.5-feet bgs, then sandy GRAVEL with cobbles to approximately 6-feet bgs.

No water sheen or odor was observed.



Photo No.
8

**Direction Photo
Taken:**

NA

Description:

View of **TP-8**. Soil consisted of silty SAND with occasional gravel to approximately 3-feet bgs, then sandy GRAVEL with cobbles to 6-feet bgs.

No water sheen or odor was observed.



**Pineview
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Supplemental Phase II Environmental Site Assessment
1866 Jadwin Avenue
Richland, Washington

SES Project No.:
1820-001
Date: February 21, 2025

Photo No.
9

**Direction Photo
Taken:**

NA

Description:

View of **TP-9**. Soil consisted of silty SAND with occasional gravel to approximately 1-foot bgs, then Sandy GRAVEL with cobbles to 6-feet bgs.

No water sheen or odor was observed.



Photo No.
10

**Direction Photo
Taken:**

NA

Description:

View of **TP-10** Soil consisted of silty SAND with occasional gravel to 1-foot bgs with sandy GRAVEL to 6-feet bgs.

No water sheen or odor was observed.

Groundwater was encountered at approximately 6-feet bgs.





PHOTOGRAPHIC LOG

**Pineview
Development, Inc.**

Supplemental Phase II Environmental Site Assessment
1866 Jadwin Avenue
Richland, Washington

SES Project No.:
1820-001
Date: February 21, 2025

Photo No.
11

**Direction Photo
Taken:**

NA

Description:

View of **TP-11**. Soil consisted of silty SAND with gravel to 1-foot bgs then sandy GRAVEL to 6-feet bgs.

No water sheen or odor was observed.

Groundwater encountered at 6-feet bgs.



Photo No.
12

**Direction Photo
Taken:**

NA

Description:

View of **TP-12**. Soil consisted of silty SAND with occasional gravel to 2-feet bgs then sandy GRAVEL with cobbles to 6-feet bgs, where groundwater was encountered. SES collected a grab water sample from the excavator bucket.

No water sheen or odor was observed.



	PHOTOGRAPHIC LOG	
Pineview Development, Inc.	Supplemental Phase II Environmental Site Assessment 1866 Jadwin Avenue Richland, Washington	SES Project No.: 1820-001 Date: March 20 & 21, 2025

Photo No. 13	
Direction Photo Taken: NA	
View of temporary monitoring well construction. Well screen and casing are being sanded as part of construction. Monitoring wells were installed, surveyed and developed on March 20, 2025.	

Photo No. 14	
Direction Photo Taken: NA	
Description: View of groundwater sampling at monitoring well MW-2. Metal shed slated for demolition is in the background of the image. Monitoring wells were purged and sampled on March 21, 2025.	

ATTACHMENT B

LABORATORY ANALYTICAL
REPORTS & CHAINS OF
CUSTODY

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/3/2025 1:51:12 PM

JOB DESCRIPTION

Jadwin

JOB NUMBER

590-29557-1

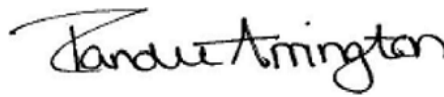
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Job Notes

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Case Narrative

Client: Spokane Environmental Solutions LLC
Project: Jadwin

Job ID: 590-29557-1

Job ID: 590-29557-1

Eurofins Spokane

Job Narrative 590-29557-1

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

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

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

Receipt

The samples were received on 2/21/2025 4:43 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 15.4°C.

Gasoline Range Organics

Method NWTPH_Gx_MS: The method blank for preparation batch 590-52573 and analytical batch 590-52591 contained Gasoline above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

Method NWTPH_Gx_MS: The method blank for preparation batch 590-52616 and analytical batch 590-52625 contained Gasoline above the method detection limit. This target analyte concentration was less than the reporting limit (RL) in the method blank; therefore, re-extraction and/or re-analysis of samples was not performed.

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

GC/MS VOA

Method 8260D: The laboratory control sample (LCS) and / or laboratory control sample duplicate (LCSD) for preparation batch 590-52573 and analytical batch 590-52592 recovered outside control limits for the following analytes: m-Xylene & p-Xylene, o-Xylene and Toluene. These analytes were biased high in the LCS and were not detected in the associated samples; therefore, the data have been reported.

Method 8260D: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 590-52573 and analytical batch 590-52592 were outside control limits. Sample matrix interference is suspected because the associated laboratory control sample (LCS) recovery was within acceptance limits.

Method 8260D: Surrogate recovery for the following sample was outside the upper control limit: TP-6-1 (590-29557-11). This sample did not contain any target analytes; therefore, re-extraction and/or re-analysis was not performed.

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.

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Sample Summary

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-29557-1	TP-1-1	Solid	02/21/25 13:30	02/21/25 16:43
590-29557-2	TP-1-2	Solid	02/21/25 13:35	02/21/25 16:43
590-29557-3	TP-2-1	Solid	02/21/25 13:00	02/21/25 16:43
590-29557-4	TP-2-2	Solid	02/21/25 13:05	02/21/25 16:43
590-29557-5	TP-3-1	Solid	02/21/25 09:00	02/21/25 16:43
590-29557-6	TP-3-2	Solid	02/21/25 09:05	02/21/25 16:43
590-29557-7	TP-4-1	Solid	02/21/25 09:15	02/21/25 16:43
590-29557-8	TP-4-2	Solid	02/21/25 09:20	02/21/25 16:43
590-29557-9	TP-5-1	Solid	02/21/25 09:40	02/21/25 16:43
590-29557-10	TP-5-2	Solid	02/21/25 09:45	02/21/25 16:43
590-29557-11	TP-6-1	Solid	02/21/25 10:00	02/21/25 16:43
590-29557-12	TP-6-2	Solid	02/21/25 10:05	02/21/25 16:43
590-29557-13	TP-7-1	Solid	02/21/25 10:25	02/21/25 16:43
590-29557-14	TP-7-2	Solid	02/21/25 10:30	02/21/25 16:43
590-29557-15	TP-8-1	Solid	02/21/25 10:50	02/21/25 16:43
590-29557-16	TP-8-2	Solid	02/21/25 11:00	02/21/25 16:43
590-29557-17	TP-9-1	Solid	02/21/25 11:10	02/21/25 16:43
590-29557-18	TP-9-2	Solid	02/21/25 11:15	02/21/25 16:43
590-29557-19	TP-10-1	Solid	02/21/25 10:30	02/21/25 16:43
590-29557-20	TP-10-2	Solid	02/21/25 10:35	02/21/25 16:43
590-29557-21	TP-11-1	Solid	02/21/25 11:50	02/21/25 16:43
590-29557-22	TP-11-2	Solid	02/21/25 11:55	02/21/25 16:43
590-29557-23	TP-12-1	Solid	02/21/25 12:30	02/21/25 16:43
590-29557-24	TP-12-2	Solid	02/21/25 12:35	02/21/25 16:43

Definitions/Glossary

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*+	LCS and/or LCSD is outside acceptance limits, high biased.
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1+	Surrogate recovery exceeds control limits, high biased.

Glossary

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

Client Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-1-1

Lab Sample ID: 590-29557-1

Date Collected: 02/21/25 13:30

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 89.7

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	0.012	mg/Kg	✳	02/26/25 10:41	02/26/25 15:07	1
Ethylbenzene	ND		0.12	0.020	mg/Kg	✳	02/26/25 10:41	02/26/25 15:07	1
m-Xylene & p-Xylene	ND	*+	0.50	0.036	mg/Kg	✳	02/26/25 10:41	02/26/25 15:07	1
o-Xylene	ND	*+	0.25	0.029	mg/Kg	✳	02/26/25 10:41	02/26/25 15:07	1
Toluene	ND	*+	0.12	0.056	mg/Kg	✳	02/26/25 10:41	02/26/25 15:07	1
Xylenes, Total	ND		0.75	0.065	mg/Kg	✳	02/26/25 10:41	02/26/25 15:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		79 - 124	02/26/25 10:41	02/26/25 15:07	1
4-Bromofluorobenzene (Surr)	95		66 - 129	02/26/25 10:41	02/26/25 15:07	1
Dibromofluoromethane (Surr)	96		80 - 120	02/26/25 10:41	02/26/25 15:07	1
Toluene-d8 (Surr)	96		80 - 120	02/26/25 10:41	02/26/25 15:07	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.6	J B	6.2	2.2	mg/Kg	✳	02/26/25 10:41	02/26/25 15:07	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		41.5 - 162	02/26/25 10:41	02/26/25 15:07	1

Client Sample ID: TP-1-2

Lab Sample ID: 590-29557-2

Date Collected: 02/21/25 13:35

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 82.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.026	0.013	mg/Kg	✳	02/26/25 10:41	02/26/25 16:12	1
Ethylbenzene	ND		0.13	0.021	mg/Kg	✳	02/26/25 10:41	02/26/25 16:12	1
m-Xylene & p-Xylene	ND	*+	0.52	0.037	mg/Kg	✳	02/26/25 10:41	02/26/25 16:12	1
o-Xylene	ND	*+	0.26	0.030	mg/Kg	✳	02/26/25 10:41	02/26/25 16:12	1
Toluene	ND	*+	0.13	0.059	mg/Kg	✳	02/26/25 10:41	02/26/25 16:12	1
Xylenes, Total	ND		0.78	0.068	mg/Kg	✳	02/26/25 10:41	02/26/25 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		79 - 124	02/26/25 10:41	02/26/25 16:12	1
4-Bromofluorobenzene (Surr)	99		66 - 129	02/26/25 10:41	02/26/25 16:12	1
Dibromofluoromethane (Surr)	97		80 - 120	02/26/25 10:41	02/26/25 16:12	1
Toluene-d8 (Surr)	95		80 - 120	02/26/25 10:41	02/26/25 16:12	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.6	J B	6.5	2.4	mg/Kg	✳	02/26/25 10:41	02/26/25 16:12	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		41.5 - 162	02/26/25 10:41	02/26/25 16:12	1

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Client Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-2-1

Lab Sample ID: 590-29557-3

Date Collected: 02/21/25 13:00

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 91.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.027	0.014	mg/Kg	✱	02/26/25 10:41	02/26/25 17:17	1
Ethylbenzene	ND		0.14	0.022	mg/Kg	✱	02/26/25 10:41	02/26/25 17:17	1
m-Xylene & p-Xylene	ND	*+	0.54	0.039	mg/Kg	✱	02/26/25 10:41	02/26/25 17:17	1
o-Xylene	ND	*+	0.27	0.031	mg/Kg	✱	02/26/25 10:41	02/26/25 17:17	1
Toluene	ND	*+	0.14	0.061	mg/Kg	✱	02/26/25 10:41	02/26/25 17:17	1
Xylenes, Total	ND		0.82	0.070	mg/Kg	✱	02/26/25 10:41	02/26/25 17:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		79 - 124	02/26/25 10:41	02/26/25 17:17	1
4-Bromofluorobenzene (Surr)	92		66 - 129	02/26/25 10:41	02/26/25 17:17	1
Dibromofluoromethane (Surr)	94		80 - 120	02/26/25 10:41	02/26/25 17:17	1
Toluene-d8 (Surr)	96		80 - 120	02/26/25 10:41	02/26/25 17:17	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	3.7	J B	6.8	2.4	mg/Kg	✱	02/26/25 10:41	02/26/25 17:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	92		41.5 - 162	02/26/25 10:41	02/26/25 17:17	1

Client Sample ID: TP-2-2

Lab Sample ID: 590-29557-4

Date Collected: 02/21/25 13:05

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 91.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.021	0.011	mg/Kg	✱	02/26/25 10:41	02/26/25 17:38	1
Ethylbenzene	ND		0.11	0.017	mg/Kg	✱	02/26/25 10:41	02/26/25 17:38	1
m-Xylene & p-Xylene	ND	*+	0.43	0.031	mg/Kg	✱	02/26/25 10:41	02/26/25 17:38	1
o-Xylene	ND	*+	0.21	0.025	mg/Kg	✱	02/26/25 10:41	02/26/25 17:38	1
Toluene	ND	*+	0.11	0.048	mg/Kg	✱	02/26/25 10:41	02/26/25 17:38	1
Xylenes, Total	ND		0.64	0.056	mg/Kg	✱	02/26/25 10:41	02/26/25 17:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		79 - 124	02/26/25 10:41	02/26/25 17:38	1
4-Bromofluorobenzene (Surr)	103		66 - 129	02/26/25 10:41	02/26/25 17:38	1
Dibromofluoromethane (Surr)	98		80 - 120	02/26/25 10:41	02/26/25 17:38	1
Toluene-d8 (Surr)	94		80 - 120	02/26/25 10:41	02/26/25 17:38	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.0	J B	5.4	1.9	mg/Kg	✱	02/26/25 10:41	02/26/25 17:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		41.5 - 162	02/26/25 10:41	02/26/25 17:38	1

Eurofins Spokane

Client Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-3-1

Lab Sample ID: 590-29557-5

Date Collected: 02/21/25 09:00

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 88.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	0.012	mg/Kg	✱	02/26/25 10:41	02/26/25 18:00	1
Ethylbenzene	ND		0.12	0.019	mg/Kg	✱	02/26/25 10:41	02/26/25 18:00	1
m-Xylene & p-Xylene	ND	*+	0.48	0.034	mg/Kg	✱	02/26/25 10:41	02/26/25 18:00	1
o-Xylene	ND	*+	0.24	0.028	mg/Kg	✱	02/26/25 10:41	02/26/25 18:00	1
Toluene	ND	*+	0.12	0.054	mg/Kg	✱	02/26/25 10:41	02/26/25 18:00	1
Xylenes, Total	ND		0.72	0.062	mg/Kg	✱	02/26/25 10:41	02/26/25 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		79 - 124	02/26/25 10:41	02/26/25 18:00	1
4-Bromofluorobenzene (Surr)	98		66 - 129	02/26/25 10:41	02/26/25 18:00	1
Dibromofluoromethane (Surr)	101		80 - 120	02/26/25 10:41	02/26/25 18:00	1
Toluene-d8 (Surr)	96		80 - 120	02/26/25 10:41	02/26/25 18:00	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.7	J B	6.0	2.2	mg/Kg	✱	02/26/25 10:41	02/26/25 18:00	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		41.5 - 162	02/26/25 10:41	02/26/25 18:00	1

Client Sample ID: TP-3-2

Lab Sample ID: 590-29557-6

Date Collected: 02/21/25 09:05

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 85.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	0.0092	mg/Kg	✱	02/26/25 10:41	02/26/25 18:21	1
Ethylbenzene	ND		0.092	0.015	mg/Kg	✱	02/26/25 10:41	02/26/25 18:21	1
m-Xylene & p-Xylene	ND	*+	0.37	0.027	mg/Kg	✱	02/26/25 10:41	02/26/25 18:21	1
o-Xylene	ND	*+	0.18	0.021	mg/Kg	✱	02/26/25 10:41	02/26/25 18:21	1
Toluene	ND	*+	0.092	0.042	mg/Kg	✱	02/26/25 10:41	02/26/25 18:21	1
Xylenes, Total	ND		0.55	0.048	mg/Kg	✱	02/26/25 10:41	02/26/25 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		79 - 124	02/26/25 10:41	02/26/25 18:21	1
4-Bromofluorobenzene (Surr)	95		66 - 129	02/26/25 10:41	02/26/25 18:21	1
Dibromofluoromethane (Surr)	102		80 - 120	02/26/25 10:41	02/26/25 18:21	1
Toluene-d8 (Surr)	97		80 - 120	02/26/25 10:41	02/26/25 18:21	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.0	J B	4.6	1.7	mg/Kg	✱	02/26/25 10:41	02/26/25 18:21	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		41.5 - 162	02/26/25 10:41	02/26/25 18:21	1

Eurofins Spokane

Client Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-4-1

Lab Sample ID: 590-29557-7

Date Collected: 02/21/25 09:15

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 91.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	0.013	mg/Kg	✱	02/26/25 10:41	02/26/25 18:42	1
Ethylbenzene	ND		0.13	0.021	mg/Kg	✱	02/26/25 10:41	02/26/25 18:42	1
m-Xylene & p-Xylene	ND	*+	0.51	0.037	mg/Kg	✱	02/26/25 10:41	02/26/25 18:42	1
o-Xylene	ND	*+	0.25	0.029	mg/Kg	✱	02/26/25 10:41	02/26/25 18:42	1
Toluene	ND	*+	0.13	0.057	mg/Kg	✱	02/26/25 10:41	02/26/25 18:42	1
Xylenes, Total	ND		0.76	0.066	mg/Kg	✱	02/26/25 10:41	02/26/25 18:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	103		79 - 124	02/26/25 10:41	02/26/25 18:42	1
4-Bromofluorobenzene (Surr)	100		66 - 129	02/26/25 10:41	02/26/25 18:42	1
Dibromofluoromethane (Surr)	111		80 - 120	02/26/25 10:41	02/26/25 18:42	1
Toluene-d8 (Surr)	93		80 - 120	02/26/25 10:41	02/26/25 18:42	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.7	J B	6.4	2.3	mg/Kg	✱	02/26/25 10:41	02/26/25 18:42	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		41.5 - 162	02/26/25 10:41	02/26/25 18:42	1

Client Sample ID: TP-4-2

Lab Sample ID: 590-29557-8

Date Collected: 02/21/25 09:20

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.026	0.013	mg/Kg	✱	02/26/25 10:41	02/26/25 19:03	1
Ethylbenzene	ND		0.13	0.021	mg/Kg	✱	02/26/25 10:41	02/26/25 19:03	1
m-Xylene & p-Xylene	ND	*+	0.52	0.037	mg/Kg	✱	02/26/25 10:41	02/26/25 19:03	1
o-Xylene	ND	*+	0.26	0.030	mg/Kg	✱	02/26/25 10:41	02/26/25 19:03	1
Toluene	ND	*+	0.13	0.058	mg/Kg	✱	02/26/25 10:41	02/26/25 19:03	1
Xylenes, Total	ND		0.77	0.067	mg/Kg	✱	02/26/25 10:41	02/26/25 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		79 - 124	02/26/25 10:41	02/26/25 19:03	1
4-Bromofluorobenzene (Surr)	100		66 - 129	02/26/25 10:41	02/26/25 19:03	1
Dibromofluoromethane (Surr)	104		80 - 120	02/26/25 10:41	02/26/25 19:03	1
Toluene-d8 (Surr)	95		80 - 120	02/26/25 10:41	02/26/25 19:03	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.5	J B	6.5	2.3	mg/Kg	✱	02/26/25 10:41	02/26/25 19:03	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		41.5 - 162	02/26/25 10:41	02/26/25 19:03	1

Eurofins Spokane

Client Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-5-1

Lab Sample ID: 590-29557-9

Date Collected: 02/21/25 09:40

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 90.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.026	0.013	mg/Kg	✱	02/26/25 10:41	02/26/25 19:24	1
Ethylbenzene	ND		0.13	0.021	mg/Kg	✱	02/26/25 10:41	02/26/25 19:24	1
m-Xylene & p-Xylene	ND	*+	0.52	0.037	mg/Kg	✱	02/26/25 10:41	02/26/25 19:24	1
o-Xylene	ND	*+	0.26	0.030	mg/Kg	✱	02/26/25 10:41	02/26/25 19:24	1
Toluene	ND	*+	0.13	0.058	mg/Kg	✱	02/26/25 10:41	02/26/25 19:24	1
Xylenes, Total	ND		0.78	0.067	mg/Kg	✱	02/26/25 10:41	02/26/25 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		79 - 124	02/26/25 10:41	02/26/25 19:24	1
4-Bromofluorobenzene (Surr)	98		66 - 129	02/26/25 10:41	02/26/25 19:24	1
Dibromofluoromethane (Surr)	105		80 - 120	02/26/25 10:41	02/26/25 19:24	1
Toluene-d8 (Surr)	95		80 - 120	02/26/25 10:41	02/26/25 19:24	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.5	J B	6.5	2.3	mg/Kg	✱	02/26/25 10:41	02/26/25 19:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		41.5 - 162	02/26/25 10:41	02/26/25 19:24	1

Client Sample ID: TP-5-2

Lab Sample ID: 590-29557-10

Date Collected: 02/21/25 09:45

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 84.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.026	0.013	mg/Kg	✱	02/26/25 10:41	02/26/25 20:06	1
Ethylbenzene	ND		0.13	0.021	mg/Kg	✱	02/26/25 10:41	02/26/25 20:06	1
m-Xylene & p-Xylene	ND	*+	0.53	0.038	mg/Kg	✱	02/26/25 10:41	02/26/25 20:06	1
o-Xylene	ND	*+	0.26	0.030	mg/Kg	✱	02/26/25 10:41	02/26/25 20:06	1
Toluene	ND	*+	0.13	0.060	mg/Kg	✱	02/26/25 10:41	02/26/25 20:06	1
Xylenes, Total	ND		0.79	0.068	mg/Kg	✱	02/26/25 10:41	02/26/25 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		79 - 124	02/26/25 10:41	02/26/25 20:06	1
4-Bromofluorobenzene (Surr)	99		66 - 129	02/26/25 10:41	02/26/25 20:06	1
Dibromofluoromethane (Surr)	104		80 - 120	02/26/25 10:41	02/26/25 20:06	1
Toluene-d8 (Surr)	93		80 - 120	02/26/25 10:41	02/26/25 20:06	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.4	J B	6.6	2.4	mg/Kg	✱	02/26/25 10:41	02/26/25 20:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		41.5 - 162	02/26/25 10:41	02/26/25 20:06	1

Eurofins Spokane

Client Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-6-1

Lab Sample ID: 590-29557-11

Date Collected: 02/21/25 10:00

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 91.3

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	0.013	mg/Kg	✱	02/26/25 10:41	02/26/25 20:28	1
Ethylbenzene	ND		0.13	0.020	mg/Kg	✱	02/26/25 10:41	02/26/25 20:28	1
m-Xylene & p-Xylene	ND	*+	0.50	0.036	mg/Kg	✱	02/26/25 10:41	02/26/25 20:28	1
o-Xylene	ND	*+	0.25	0.029	mg/Kg	✱	02/26/25 10:41	02/26/25 20:28	1
Toluene	ND	*+	0.13	0.057	mg/Kg	✱	02/26/25 10:41	02/26/25 20:28	1
Xylenes, Total	ND		0.76	0.065	mg/Kg	✱	02/26/25 10:41	02/26/25 20:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	112		79 - 124	02/26/25 10:41	02/26/25 20:28	1
4-Bromofluorobenzene (Surr)	102		66 - 129	02/26/25 10:41	02/26/25 20:28	1
Dibromofluoromethane (Surr)	121	S1+	80 - 120	02/26/25 10:41	02/26/25 20:28	1
Toluene-d8 (Surr)	93		80 - 120	02/26/25 10:41	02/26/25 20:28	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.7	J B	6.3	2.3	mg/Kg	✱	02/26/25 10:41	02/26/25 20:28	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		41.5 - 162	02/26/25 10:41	02/26/25 20:28	1

Client Sample ID: TP-6-2

Lab Sample ID: 590-29557-12

Date Collected: 02/21/25 10:05

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 95.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.017	0.0085	mg/Kg	✱	02/26/25 10:41	02/26/25 20:49	1
Ethylbenzene	ND		0.085	0.014	mg/Kg	✱	02/26/25 10:41	02/26/25 20:49	1
m-Xylene & p-Xylene	ND	*+	0.34	0.024	mg/Kg	✱	02/26/25 10:41	02/26/25 20:49	1
o-Xylene	ND	*+	0.17	0.020	mg/Kg	✱	02/26/25 10:41	02/26/25 20:49	1
Toluene	ND	*+	0.085	0.038	mg/Kg	✱	02/26/25 10:41	02/26/25 20:49	1
Xylenes, Total	ND		0.51	0.044	mg/Kg	✱	02/26/25 10:41	02/26/25 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	101		79 - 124	02/26/25 10:41	02/26/25 20:49	1
4-Bromofluorobenzene (Surr)	98		66 - 129	02/26/25 10:41	02/26/25 20:49	1
Dibromofluoromethane (Surr)	110		80 - 120	02/26/25 10:41	02/26/25 20:49	1
Toluene-d8 (Surr)	95		80 - 120	02/26/25 10:41	02/26/25 20:49	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1.6	J B	4.3	1.5	mg/Kg	✱	02/26/25 10:41	02/26/25 20:49	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		41.5 - 162	02/26/25 10:41	02/26/25 20:49	1

Eurofins Spokane

Client Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-7-1

Lab Sample ID: 590-29557-13

Date Collected: 02/21/25 10:25

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 89.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.024	0.012	mg/Kg	✱	02/26/25 10:41	02/26/25 21:10	1
Ethylbenzene	ND		0.12	0.020	mg/Kg	✱	02/26/25 10:41	02/26/25 21:10	1
m-Xylene & p-Xylene	ND	*+	0.49	0.035	mg/Kg	✱	02/26/25 10:41	02/26/25 21:10	1
o-Xylene	ND	*+	0.24	0.028	mg/Kg	✱	02/26/25 10:41	02/26/25 21:10	1
Toluene	ND	*+	0.12	0.055	mg/Kg	✱	02/26/25 10:41	02/26/25 21:10	1
Xylenes, Total	ND		0.73	0.063	mg/Kg	✱	02/26/25 10:41	02/26/25 21:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		79 - 124	02/26/25 10:41	02/26/25 21:10	1
4-Bromofluorobenzene (Surr)	98		66 - 129	02/26/25 10:41	02/26/25 21:10	1
Dibromofluoromethane (Surr)	105		80 - 120	02/26/25 10:41	02/26/25 21:10	1
Toluene-d8 (Surr)	95		80 - 120	02/26/25 10:41	02/26/25 21:10	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.3	J B	6.1	2.2	mg/Kg	✱	02/26/25 10:41	02/26/25 21:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		41.5 - 162	02/26/25 10:41	02/26/25 21:10	1

Client Sample ID: TP-7-2

Lab Sample ID: 590-29557-14

Date Collected: 02/21/25 10:30

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 93.0

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	0.010	mg/Kg	✱	02/26/25 10:41	02/26/25 21:31	1
Ethylbenzene	ND		0.10	0.016	mg/Kg	✱	02/26/25 10:41	02/26/25 21:31	1
m-Xylene & p-Xylene	ND	*+	0.41	0.029	mg/Kg	✱	02/26/25 10:41	02/26/25 21:31	1
o-Xylene	ND	*+	0.20	0.023	mg/Kg	✱	02/26/25 10:41	02/26/25 21:31	1
Toluene	ND	*+	0.10	0.046	mg/Kg	✱	02/26/25 10:41	02/26/25 21:31	1
Xylenes, Total	ND		0.61	0.052	mg/Kg	✱	02/26/25 10:41	02/26/25 21:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		79 - 124	02/26/25 10:41	02/26/25 21:31	1
4-Bromofluorobenzene (Surr)	94		66 - 129	02/26/25 10:41	02/26/25 21:31	1
Dibromofluoromethane (Surr)	106		80 - 120	02/26/25 10:41	02/26/25 21:31	1
Toluene-d8 (Surr)	91		80 - 120	02/26/25 10:41	02/26/25 21:31	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.0	J B	5.1	1.8	mg/Kg	✱	02/26/25 10:41	02/26/25 21:31	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	94		41.5 - 162	02/26/25 10:41	02/26/25 21:31	1

Eurofins Spokane

Client Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-8-1

Lab Sample ID: 590-29557-15

Date Collected: 02/21/25 10:50

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 93.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	0.011	mg/Kg	✱	02/26/25 10:41	02/26/25 21:52	1
Ethylbenzene	ND		0.11	0.018	mg/Kg	✱	02/26/25 10:41	02/26/25 21:52	1
m-Xylene & p-Xylene	ND	+	0.45	0.032	mg/Kg	✱	02/26/25 10:41	02/26/25 21:52	1
o-Xylene	ND	+	0.23	0.026	mg/Kg	✱	02/26/25 10:41	02/26/25 21:52	1
Toluene	ND	+	0.11	0.051	mg/Kg	✱	02/26/25 10:41	02/26/25 21:52	1
Xylenes, Total	ND		0.68	0.058	mg/Kg	✱	02/26/25 10:41	02/26/25 21:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	97		79 - 124	02/26/25 10:41	02/26/25 21:52	1
4-Bromofluorobenzene (Surr)	98		66 - 129	02/26/25 10:41	02/26/25 21:52	1
Dibromofluoromethane (Surr)	105		80 - 120	02/26/25 10:41	02/26/25 21:52	1
Toluene-d8 (Surr)	95		80 - 120	02/26/25 10:41	02/26/25 21:52	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.1	J B	5.6	2.0	mg/Kg	✱	02/26/25 10:41	02/26/25 21:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		41.5 - 162	02/26/25 10:41	02/26/25 21:52	1

Client Sample ID: TP-8-2

Lab Sample ID: 590-29557-16

Date Collected: 02/21/25 11:00

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 96.4

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.029	0.014	mg/Kg	✱	02/27/25 14:26	02/28/25 00:06	1
Ethylbenzene	ND		0.14	0.023	mg/Kg	✱	02/27/25 14:26	02/28/25 00:06	1
m-Xylene & p-Xylene	ND		0.58	0.041	mg/Kg	✱	02/27/25 14:26	02/28/25 00:06	1
o-Xylene	ND		0.29	0.033	mg/Kg	✱	02/27/25 14:26	02/28/25 00:06	1
Toluene	ND		0.14	0.065	mg/Kg	✱	02/27/25 14:26	02/28/25 00:06	1
Xylenes, Total	ND		0.86	0.074	mg/Kg	✱	02/27/25 14:26	02/28/25 00:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		79 - 124	02/27/25 14:26	02/28/25 00:06	1
4-Bromofluorobenzene (Surr)	99		66 - 129	02/27/25 14:26	02/28/25 00:06	1
Dibromofluoromethane (Surr)	102		80 - 120	02/27/25 14:26	02/28/25 00:06	1
Toluene-d8 (Surr)	96		80 - 120	02/27/25 14:26	02/28/25 00:06	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		7.2	2.6	mg/Kg	✱	02/27/25 14:26	02/28/25 00:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	99		41.5 - 162	02/27/25 14:26	02/28/25 00:06	1

Eurofins Spokane

Client Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-9-1

Lab Sample ID: 590-29557-17

Date Collected: 02/21/25 11:10

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 94.5

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.022	0.011	mg/Kg	✱	02/27/25 14:26	02/28/25 00:48	1
Ethylbenzene	ND		0.11	0.018	mg/Kg	✱	02/27/25 14:26	02/28/25 00:48	1
m-Xylene & p-Xylene	ND		0.44	0.032	mg/Kg	✱	02/27/25 14:26	02/28/25 00:48	1
o-Xylene	ND		0.22	0.025	mg/Kg	✱	02/27/25 14:26	02/28/25 00:48	1
Toluene	ND		0.11	0.050	mg/Kg	✱	02/27/25 14:26	02/28/25 00:48	1
Xylenes, Total	ND		0.66	0.057	mg/Kg	✱	02/27/25 14:26	02/28/25 00:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		79 - 124	02/27/25 14:26	02/28/25 00:48	1
4-Bromofluorobenzene (Surr)	102		66 - 129	02/27/25 14:26	02/28/25 00:48	1
Dibromofluoromethane (Surr)	101		80 - 120	02/27/25 14:26	02/28/25 00:48	1
Toluene-d8 (Surr)	95		80 - 120	02/27/25 14:26	02/28/25 00:48	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.5	2.0	mg/Kg	☼	02/27/25 14:26	02/28/25 00:48	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		41.5 - 162				02/27/25 14:26	02/28/25 00:48	1

Client Sample ID: TP-9-2

Lab Sample ID: 590-29557-18

Date Collected: 02/21/25 11:15

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 95.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	0.012	mg/Kg	✱	02/27/25 14:26	02/28/25 01:52	1
Ethylbenzene	ND		0.12	0.020	mg/Kg	✱	02/27/25 14:26	02/28/25 01:52	1
m-Xylene & p-Xylene	ND		0.50	0.036	mg/Kg	✱	02/27/25 14:26	02/28/25 01:52	1
o-Xylene	ND		0.25	0.029	mg/Kg	✱	02/27/25 14:26	02/28/25 01:52	1
Toluene	ND		0.12	0.056	mg/Kg	✱	02/27/25 14:26	02/28/25 01:52	1
Xylenes, Total	ND		0.75	0.064	mg/Kg	✱	02/27/25 14:26	02/28/25 01:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		79 - 124	02/27/25 14:26	02/28/25 01:52	1
4-Bromofluorobenzene (Surr)	102		66 - 129	02/27/25 14:26	02/28/25 01:52	1
Dibromofluoromethane (Surr)	102		80 - 120	02/27/25 14:26	02/28/25 01:52	1
Toluene-d8 (Surr)	96		80 - 120	02/27/25 14:26	02/28/25 01:52	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		6.2	2.2	mg/Kg	☼	02/27/25 14:26	02/28/25 01:52	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	102		41.5 - 162				02/27/25 14:26	02/28/25 01:52	1

Eurofins Spokane

Client Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-10-1

Lab Sample ID: 590-29557-19

Date Collected: 02/21/25 10:30

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 95.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	0.011	mg/Kg	✱	02/27/25 14:26	02/28/25 02:34	1
Ethylbenzene	ND		0.11	0.019	mg/Kg	✱	02/27/25 14:26	02/28/25 02:34	1
m-Xylene & p-Xylene	ND		0.46	0.033	mg/Kg	✱	02/27/25 14:26	02/28/25 02:34	1
o-Xylene	ND		0.23	0.026	mg/Kg	✱	02/27/25 14:26	02/28/25 02:34	1
Toluene	ND		0.11	0.052	mg/Kg	✱	02/27/25 14:26	02/28/25 02:34	1
Xylenes, Total	ND		0.69	0.059	mg/Kg	✱	02/27/25 14:26	02/28/25 02:34	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	98		79 - 124	02/27/25 14:26	02/28/25 02:34	1
4-Bromofluorobenzene (Surr)	97		66 - 129	02/27/25 14:26	02/28/25 02:34	1
Dibromofluoromethane (Surr)	103		80 - 120	02/27/25 14:26	02/28/25 02:34	1
Toluene-d8 (Surr)	98		80 - 120	02/27/25 14:26	02/28/25 02:34	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.7	2.1	mg/Kg	☼	02/27/25 14:26	02/28/25 02:34	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		41.5 - 162				02/27/25 14:26	02/28/25 02:34	1

Client Sample ID: TP-10-2

Lab Sample ID: 590-29557-20

Date Collected: 02/21/25 10:35

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 96.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.025	0.012	mg/Kg	✱	02/27/25 14:26	02/28/25 02:55	1
Ethylbenzene	ND		0.12	0.020	mg/Kg	✱	02/27/25 14:26	02/28/25 02:55	1
m-Xylene & p-Xylene	ND		0.49	0.035	mg/Kg	✱	02/27/25 14:26	02/28/25 02:55	1
o-Xylene	ND		0.25	0.028	mg/Kg	✱	02/27/25 14:26	02/28/25 02:55	1
Toluene	ND		0.12	0.056	mg/Kg	✱	02/27/25 14:26	02/28/25 02:55	1
Xylenes, Total	ND		0.74	0.064	mg/Kg	✱	02/27/25 14:26	02/28/25 02:55	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		79 - 124	02/27/25 14:26	02/28/25 02:55	1
4-Bromofluorobenzene (Surr)	97		66 - 129	02/27/25 14:26	02/28/25 02:55	1
Dibromofluoromethane (Surr)	104		80 - 120	02/27/25 14:26	02/28/25 02:55	1
Toluene-d8 (Surr)	95		80 - 120	02/27/25 14:26	02/28/25 02:55	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		6.2	2.2	mg/Kg	☼	02/27/25 14:26	02/28/25 02:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		41.5 - 162				02/27/25 14:26	02/28/25 02:55	1

Eurofins Spokane

Client Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-11-1

Lab Sample ID: 590-29557-21

Date Collected: 02/21/25 11:50

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 94.6

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	0.011	mg/Kg	✱	02/27/25 14:26	02/28/25 03:16	1
Ethylbenzene	ND		0.11	0.018	mg/Kg	✱	02/27/25 14:26	02/28/25 03:16	1
m-Xylene & p-Xylene	ND		0.45	0.033	mg/Kg	✱	02/27/25 14:26	02/28/25 03:16	1
o-Xylene	ND		0.23	0.026	mg/Kg	✱	02/27/25 14:26	02/28/25 03:16	1
Toluene	ND		0.11	0.051	mg/Kg	✱	02/27/25 14:26	02/28/25 03:16	1
Xylenes, Total	ND		0.68	0.059	mg/Kg	✱	02/27/25 14:26	02/28/25 03:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		79 - 124	02/27/25 14:26	02/28/25 03:16	1
4-Bromofluorobenzene (Surr)	98		66 - 129	02/27/25 14:26	02/28/25 03:16	1
Dibromofluoromethane (Surr)	105		80 - 120	02/27/25 14:26	02/28/25 03:16	1
Toluene-d8 (Surr)	94		80 - 120	02/27/25 14:26	02/28/25 03:16	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		5.7	2.0	mg/Kg	✱	02/27/25 14:26	02/28/25 03:16	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	98		41.5 - 162	02/27/25 14:26	02/28/25 03:16	1

Client Sample ID: TP-11-2

Lab Sample ID: 590-29557-22

Date Collected: 02/21/25 11:55

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 92.9

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.018	0.0090	mg/Kg	✱	02/27/25 14:26	02/28/25 03:37	1
Ethylbenzene	ND		0.090	0.015	mg/Kg	✱	02/27/25 14:26	02/28/25 03:37	1
m-Xylene & p-Xylene	ND		0.36	0.026	mg/Kg	✱	02/27/25 14:26	02/28/25 03:37	1
o-Xylene	ND		0.18	0.021	mg/Kg	✱	02/27/25 14:26	02/28/25 03:37	1
Toluene	ND		0.090	0.041	mg/Kg	✱	02/27/25 14:26	02/28/25 03:37	1
Xylenes, Total	ND		0.54	0.047	mg/Kg	✱	02/27/25 14:26	02/28/25 03:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		79 - 124	02/27/25 14:26	02/28/25 03:37	1
4-Bromofluorobenzene (Surr)	101		66 - 129	02/27/25 14:26	02/28/25 03:37	1
Dibromofluoromethane (Surr)	102		80 - 120	02/27/25 14:26	02/28/25 03:37	1
Toluene-d8 (Surr)	94		80 - 120	02/27/25 14:26	02/28/25 03:37	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		4.5	1.6	mg/Kg	✱	02/27/25 14:26	02/28/25 03:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		41.5 - 162	02/27/25 14:26	02/28/25 03:37	1

Eurofins Spokane

Client Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-12-1

Lab Sample ID: 590-29557-23

Date Collected: 02/21/25 12:30

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 89.2

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.023	0.011	mg/Kg	✱	02/27/25 14:26	02/28/25 03:58	1
Ethylbenzene	ND		0.11	0.018	mg/Kg	✱	02/27/25 14:26	02/28/25 03:58	1
m-Xylene & p-Xylene	ND		0.45	0.033	mg/Kg	✱	02/27/25 14:26	02/28/25 03:58	1
o-Xylene	ND		0.23	0.026	mg/Kg	✱	02/27/25 14:26	02/28/25 03:58	1
Toluene	ND		0.11	0.051	mg/Kg	✱	02/27/25 14:26	02/28/25 03:58	1
Xylenes, Total	ND		0.68	0.059	mg/Kg	✱	02/27/25 14:26	02/28/25 03:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	96		79 - 124	02/27/25 14:26	02/28/25 03:58	1
4-Bromofluorobenzene (Surr)	93		66 - 129	02/27/25 14:26	02/28/25 03:58	1
Dibromofluoromethane (Surr)	107		80 - 120	02/27/25 14:26	02/28/25 03:58	1
Toluene-d8 (Surr)	94		80 - 120	02/27/25 14:26	02/28/25 03:58	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	2.2	J B	5.7	2.0	mg/Kg	✱	02/27/25 14:26	02/28/25 03:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	93		41.5 - 162	02/27/25 14:26	02/28/25 03:58	1

Client Sample ID: TP-12-2

Lab Sample ID: 590-29557-24

Date Collected: 02/21/25 12:35

Matrix: Solid

Date Received: 02/21/25 16:43

Percent Solids: 81.8

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.029	0.014	mg/Kg	✱	02/27/25 14:26	02/28/25 04:19	1
Ethylbenzene	ND		0.14	0.023	mg/Kg	✱	02/27/25 14:26	02/28/25 04:19	1
m-Xylene & p-Xylene	ND		0.57	0.041	mg/Kg	✱	02/27/25 14:26	02/28/25 04:19	1
o-Xylene	ND		0.29	0.033	mg/Kg	✱	02/27/25 14:26	02/28/25 04:19	1
Toluene	ND		0.14	0.065	mg/Kg	✱	02/27/25 14:26	02/28/25 04:19	1
Xylenes, Total	ND		0.86	0.074	mg/Kg	✱	02/27/25 14:26	02/28/25 04:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		79 - 124	02/27/25 14:26	02/28/25 04:19	1
4-Bromofluorobenzene (Surr)	95		66 - 129	02/27/25 14:26	02/28/25 04:19	1
Dibromofluoromethane (Surr)	104		80 - 120	02/27/25 14:26	02/28/25 04:19	1
Toluene-d8 (Surr)	95		80 - 120	02/27/25 14:26	02/28/25 04:19	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		7.2	2.6	mg/Kg	✱	02/27/25 14:26	02/28/25 04:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		41.5 - 162	02/27/25 14:26	02/28/25 04:19	1

Eurofins Spokane

QC Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

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

Lab Sample ID: MB 590-52573/1-A

Matrix: Solid

Analysis Batch: 52592

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52573

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	0.010	mg/Kg		02/26/25 10:40	02/26/25 13:40	1
Ethylbenzene	ND		0.10	0.016	mg/Kg		02/26/25 10:40	02/26/25 13:40	1
m-Xylene & p-Xylene	ND		0.40	0.029	mg/Kg		02/26/25 10:40	02/26/25 13:40	1
o-Xylene	ND		0.20	0.023	mg/Kg		02/26/25 10:40	02/26/25 13:40	1
Toluene	ND		0.10	0.045	mg/Kg		02/26/25 10:40	02/26/25 13:40	1
Xylenes, Total	ND		0.60	0.052	mg/Kg		02/26/25 10:40	02/26/25 13:40	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	99		79 - 124	02/26/25 10:40	02/26/25 13:40	1
4-Bromofluorobenzene (Surr)	97		66 - 129	02/26/25 10:40	02/26/25 13:40	1
Dibromofluoromethane (Surr)	99		80 - 120	02/26/25 10:40	02/26/25 13:40	1
Toluene-d8 (Surr)	96		80 - 120	02/26/25 10:40	02/26/25 13:40	1

Lab Sample ID: LCS 590-52573/2-A

Matrix: Solid

Analysis Batch: 52592

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 52573

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.500	0.641		mg/Kg		128	80 - 128
Ethylbenzene	0.500	0.636		mg/Kg		127	80 - 127
m-Xylene & p-Xylene	0.500	0.669	*+	mg/Kg		134	80 - 131
o-Xylene	0.500	0.653	*+	mg/Kg		131	78 - 128
Toluene	0.500	0.667	*+	mg/Kg		133	79 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	99		79 - 124
4-Bromofluorobenzene (Surr)	102		66 - 129
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	100		80 - 120

Lab Sample ID: 590-29557-2 MS

Matrix: Solid

Analysis Batch: 52592

Client Sample ID: TP-1-2

Prep Type: Total/NA

Prep Batch: 52573

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.653	0.730		mg/Kg	⊛	112	80 - 128
Ethylbenzene	ND		0.653	0.759		mg/Kg	⊛	116	80 - 127
m-Xylene & p-Xylene	ND	*+	0.653	0.772		mg/Kg	⊛	118	80 - 131
o-Xylene	ND	*+	0.653	0.736		mg/Kg	⊛	113	78 - 128
Toluene	ND	*+	0.653	0.776		mg/Kg	⊛	119	79 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		79 - 124
4-Bromofluorobenzene (Surr)	105		66 - 129
Dibromofluoromethane (Surr)	96		80 - 120
Toluene-d8 (Surr)	97		80 - 120

Eurofins Spokane

QC Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

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

Lab Sample ID: 590-29557-2 MSD

Matrix: Solid

Analysis Batch: 52592

Client Sample ID: TP-1-2

Prep Type: Total/NA

Prep Batch: 52573

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	ND		0.653	0.730		mg/Kg	⊛	112	80 - 128	0	17
Ethylbenzene	ND		0.653	0.733		mg/Kg	⊛	112	80 - 127	4	19
m-Xylene & p-Xylene	ND	++	0.653	0.758		mg/Kg	⊛	116	80 - 131	2	19
o-Xylene	ND	++	0.653	0.755		mg/Kg	⊛	116	78 - 128	3	19
Toluene	ND	++	0.653	0.761		mg/Kg	⊛	117	79 - 130	2	21

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	95		79 - 124
4-Bromofluorobenzene (Surr)	103		66 - 129
Dibromofluoromethane (Surr)	97		80 - 120
Toluene-d8 (Surr)	97		80 - 120

Lab Sample ID: 590-29557-1 DU

Matrix: Solid

Analysis Batch: 52592

Client Sample ID: TP-1-1

Prep Type: Total/NA

Prep Batch: 52573

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	RPD Limit
Benzene	ND		ND		mg/Kg	⊛	NC	17
Ethylbenzene	ND		ND		mg/Kg	⊛	NC	19
m-Xylene & p-Xylene	ND	++	ND	++	mg/Kg	⊛	NC	19
o-Xylene	ND	++	ND	++	mg/Kg	⊛	NC	19
Toluene	ND	++	ND	++	mg/Kg	⊛	NC	21
Xylenes, Total	ND		ND		mg/Kg	⊛	NC	25

Surrogate	DU %Recovery	DU Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		79 - 124
4-Bromofluorobenzene (Surr)	95		66 - 129
Dibromofluoromethane (Surr)	98		80 - 120
Toluene-d8 (Surr)	94		80 - 120

Lab Sample ID: MB 590-52616/1-A

Matrix: Solid

Analysis Batch: 52626

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52616

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.020	0.010	mg/Kg		02/27/25 14:26	02/27/25 23:03	1
Ethylbenzene	ND		0.10	0.016	mg/Kg		02/27/25 14:26	02/27/25 23:03	1
m-Xylene & p-Xylene	ND		0.40	0.029	mg/Kg		02/27/25 14:26	02/27/25 23:03	1
o-Xylene	ND		0.20	0.023	mg/Kg		02/27/25 14:26	02/27/25 23:03	1
Toluene	ND		0.10	0.045	mg/Kg		02/27/25 14:26	02/27/25 23:03	1
Xylenes, Total	ND		0.60	0.052	mg/Kg		02/27/25 14:26	02/27/25 23:03	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	100		79 - 124	02/27/25 14:26	02/27/25 23:03	1
4-Bromofluorobenzene (Surr)	105		66 - 129	02/27/25 14:26	02/27/25 23:03	1
Dibromofluoromethane (Surr)	110		80 - 120	02/27/25 14:26	02/27/25 23:03	1
Toluene-d8 (Surr)	93		80 - 120	02/27/25 14:26	02/27/25 23:03	1

Eurofins Spokane

QC Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

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

Lab Sample ID: LCS 590-52616/2-A

Matrix: Solid

Analysis Batch: 52626

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 52616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.500	0.556		mg/Kg		111	80 - 128
Ethylbenzene	0.500	0.559		mg/Kg		112	80 - 127
m-Xylene & p-Xylene	0.500	0.552		mg/Kg		110	80 - 131
o-Xylene	0.500	0.542		mg/Kg		108	78 - 128
Toluene	0.500	0.579		mg/Kg		116	79 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		79 - 124
4-Bromofluorobenzene (Surr)	100		66 - 129
Dibromofluoromethane (Surr)	101		80 - 120
Toluene-d8 (Surr)	96		80 - 120

Lab Sample ID: 590-29557-17 MS

Matrix: Solid

Analysis Batch: 52626

Client Sample ID: TP-9-1

Prep Type: Total/NA

Prep Batch: 52616

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	ND		0.554	0.641		mg/Kg	⊛	116	80 - 128
Ethylbenzene	ND		0.554	0.605		mg/Kg	⊛	109	80 - 127
m-Xylene & p-Xylene	ND		0.554	0.597		mg/Kg	⊛	108	80 - 131
o-Xylene	ND		0.554	0.577		mg/Kg	⊛	104	78 - 128
Toluene	ND		0.554	0.652		mg/Kg	⊛	118	79 - 130

Surrogate	MS %Recovery	MS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		79 - 124
4-Bromofluorobenzene (Surr)	103		66 - 129
Dibromofluoromethane (Surr)	99		80 - 120
Toluene-d8 (Surr)	95		80 - 120

Lab Sample ID: 590-29557-17 MSD

Matrix: Solid

Analysis Batch: 52626

Client Sample ID: TP-9-1

Prep Type: Total/NA

Prep Batch: 52616

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	ND		0.554	0.642		mg/Kg	⊛	116	80 - 128	0	17
Ethylbenzene	ND		0.554	0.624		mg/Kg	⊛	113	80 - 127	3	19
m-Xylene & p-Xylene	ND		0.554	0.618		mg/Kg	⊛	112	80 - 131	4	19
o-Xylene	ND		0.554	0.598		mg/Kg	⊛	108	78 - 128	4	19
Toluene	ND		0.554	0.653		mg/Kg	⊛	118	79 - 130	0	21

Surrogate	MSD %Recovery	MSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	92		79 - 124
4-Bromofluorobenzene (Surr)	100		66 - 129
Dibromofluoromethane (Surr)	96		80 - 120
Toluene-d8 (Surr)	94		80 - 120

Eurofins Spokane

QC Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

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

Lab Sample ID: 590-29557-16 DU

Matrix: Solid

Analysis Batch: 52626

Client Sample ID: TP-8-2

Prep Type: Total/NA

Prep Batch: 52616

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Benzene	ND		ND		mg/Kg	⊛	NC	17
Ethylbenzene	ND		ND		mg/Kg	⊛	NC	19
m-Xylene & p-Xylene	ND		ND		mg/Kg	⊛	NC	19
o-Xylene	ND		ND		mg/Kg	⊛	NC	19
Toluene	ND		ND		mg/Kg	⊛	NC	21
Xylenes, Total	ND		ND		mg/Kg	⊛	NC	25

Surrogate	%Recovery	DU Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	98		79 - 124
4-Bromofluorobenzene (Surr)	97		66 - 129
Dibromofluoromethane (Surr)	104		80 - 120
Toluene-d8 (Surr)	93		80 - 120

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 590-52573/1-A

Matrix: Solid

Analysis Batch: 52591

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52573

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1.80	J	5.0	1.8	mg/Kg		02/26/25 10:40	02/26/25 13:40	1

Surrogate	%Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		41.5 - 162	02/26/25 10:40	02/26/25 13:40	1

Lab Sample ID: LCS 590-52573/3-A

Matrix: Solid

Analysis Batch: 52591

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 52573

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	Limits
Gasoline	50.0	56.5		mg/Kg		113	74.4 - 124

Surrogate	%Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		41.5 - 162

Lab Sample ID: 590-29557-1 DU

Matrix: Solid

Analysis Batch: 52591

Client Sample ID: TP-1-1

Prep Type: Total/NA

Prep Batch: 52573

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Gasoline	2.6	J B	2.56	J	mg/Kg	⊛	2	32.3

Surrogate	%Recovery	DU Qualifier	Limits
4-Bromofluorobenzene (Surr)	95		41.5 - 162

QC Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS) (Continued)

Lab Sample ID: MB 590-52616/1-A

Matrix: Solid

Analysis Batch: 52625

Client Sample ID: Method Blank

Prep Type: Total/NA

Prep Batch: 52616

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	1.82	J	5.0	1.8	mg/Kg		02/27/25 14:26	02/27/25 23:03	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		41.5 - 162				02/27/25 14:26	02/27/25 23:03	1

Lab Sample ID: LCS 590-52616/3-A

Matrix: Solid

Analysis Batch: 52625

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 52616

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline	50.0	51.5		mg/Kg		103	74.4 - 124
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	97		41.5 - 162				

Lab Sample ID: 590-29557-16 DU

Matrix: Solid

Analysis Batch: 52625

Client Sample ID: TP-8-2

Prep Type: Total/NA

Prep Batch: 52616

Analyte	Sample Result	Sample Qualifier	DU Result	DU Qualifier	Unit	D	RPD	Limit
Gasoline	ND		ND		mg/Kg	✱	NC	32.3
Surrogate	DU %Recovery	DU Qualifier	Limits					
4-Bromofluorobenzene (Surr)	97		41.5 - 162					

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-1-1

Date Collected: 02/21/25 13:30

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-1

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-1-1

Date Collected: 02/21/25 13:30

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-1

Matrix: Solid

Percent Solids: 89.7

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.824 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52592	02/26/25 15:07	JSP	EET SPK
Total/NA	Prep	5035			9.824 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52591	02/26/25 15:07	JSP	EET SPK

Client Sample ID: TP-1-2

Date Collected: 02/21/25 13:35

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-2

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-1-2

Date Collected: 02/21/25 13:35

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-2

Matrix: Solid

Percent Solids: 82.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.012 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52592	02/26/25 16:12	JSP	EET SPK
Total/NA	Prep	5035			11.012 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52591	02/26/25 16:12	JSP	EET SPK

Client Sample ID: TP-2-1

Date Collected: 02/21/25 13:00

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-3

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-2-1

Date Collected: 02/21/25 13:00

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-3

Matrix: Solid

Percent Solids: 91.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.609 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52592	02/26/25 17:17	JSP	EET SPK
Total/NA	Prep	5035			8.609 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52591	02/26/25 17:17	JSP	EET SPK

Eurofins Spokane

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-2-2

Date Collected: 02/21/25 13:05

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-4

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-2-2

Date Collected: 02/21/25 13:05

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-4

Matrix: Solid

Percent Solids: 91.5

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.148 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52592	02/26/25 17:38	JSP	EET SPK
Total/NA	Prep	5035			11.148 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52591	02/26/25 17:38	JSP	EET SPK

Client Sample ID: TP-3-1

Date Collected: 02/21/25 09:00

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-5

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-3-1

Date Collected: 02/21/25 09:00

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-5

Matrix: Solid

Percent Solids: 88.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.717 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52592	02/26/25 18:00	JSP	EET SPK
Total/NA	Prep	5035			10.717 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52591	02/26/25 18:00	JSP	EET SPK

Client Sample ID: TP-3-2

Date Collected: 02/21/25 09:05

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-6

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-3-2

Date Collected: 02/21/25 09:05

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-6

Matrix: Solid

Percent Solids: 85.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			15.627 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52592	02/26/25 18:21	JSP	EET SPK
Total/NA	Prep	5035			15.627 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52591	02/26/25 18:21	JSP	EET SPK

Eurofins Spokane

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-4-1

Date Collected: 02/21/25 09:15

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-7

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-4-1

Date Collected: 02/21/25 09:15

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-7

Matrix: Solid

Percent Solids: 91.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.284 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52592	02/26/25 18:42	JSP	EET SPK
Total/NA	Prep	5035			9.284 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52591	02/26/25 18:42	JSP	EET SPK

Client Sample ID: TP-4-2

Date Collected: 02/21/25 09:20

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-8

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-4-2

Date Collected: 02/21/25 09:20

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-8

Matrix: Solid

Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.839 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52592	02/26/25 19:03	JSP	EET SPK
Total/NA	Prep	5035			8.839 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52591	02/26/25 19:03	JSP	EET SPK

Client Sample ID: TP-5-1

Date Collected: 02/21/25 09:40

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-9

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-5-1

Date Collected: 02/21/25 09:40

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-9

Matrix: Solid

Percent Solids: 90.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.363 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52592	02/26/25 19:24	JSP	EET SPK
Total/NA	Prep	5035			9.363 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52591	02/26/25 19:24	JSP	EET SPK

Eurofins Spokane

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-5-2

Date Collected: 02/21/25 09:45

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-10

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-5-2

Date Collected: 02/21/25 09:45

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-10

Matrix: Solid

Percent Solids: 84.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.436 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52592	02/26/25 20:06	JSP	EET SPK
Total/NA	Prep	5035			10.436 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52591	02/26/25 20:06	JSP	EET SPK

Client Sample ID: TP-6-1

Date Collected: 02/21/25 10:00

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-11

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-6-1

Date Collected: 02/21/25 10:00

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-11

Matrix: Solid

Percent Solids: 91.3

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.391 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52592	02/26/25 20:28	JSP	EET SPK
Total/NA	Prep	5035			9.391 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52591	02/26/25 20:28	JSP	EET SPK

Client Sample ID: TP-6-2

Date Collected: 02/21/25 10:05

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-12

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-6-2

Date Collected: 02/21/25 10:05

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-12

Matrix: Solid

Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			12.934 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52592	02/26/25 20:49	JSP	EET SPK
Total/NA	Prep	5035			12.934 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52591	02/26/25 20:49	JSP	EET SPK

Eurofins Spokane

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-7-1

Date Collected: 02/21/25 10:25

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-13

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-7-1

Date Collected: 02/21/25 10:25

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-13

Matrix: Solid

Percent Solids: 89.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.232 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52592	02/26/25 21:10	JSP	EET SPK
Total/NA	Prep	5035			10.232 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52591	02/26/25 21:10	JSP	EET SPK

Client Sample ID: TP-7-2

Date Collected: 02/21/25 10:30

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-14

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-7-2

Date Collected: 02/21/25 10:30

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-14

Matrix: Solid

Percent Solids: 93.0

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.467 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52592	02/26/25 21:31	JSP	EET SPK
Total/NA	Prep	5035			11.467 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52591	02/26/25 21:31	JSP	EET SPK

Client Sample ID: TP-8-1

Date Collected: 02/21/25 10:50

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-15

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-8-1

Date Collected: 02/21/25 10:50

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-15

Matrix: Solid

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	5035			10.098 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52592	02/26/25 21:52	JSP	EET SPK
Total/NA	Prep	5035			10.098 g	10 mL	52573	02/26/25 10:41	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52591	02/26/25 21:52	JSP	EET SPK

Eurofins Spokane

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-8-2

Date Collected: 02/21/25 11:00

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-16

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-8-2

Date Collected: 02/21/25 11:00

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-16

Matrix: Solid

Percent Solids: 96.4

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			7.404 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52626	02/28/25 00:06	JSP	EET SPK
Total/NA	Prep	5035			7.404 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52625	02/28/25 00:06	JSP	EET SPK

Client Sample ID: TP-9-1

Date Collected: 02/21/25 11:10

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-17

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-9-1

Date Collected: 02/21/25 11:10

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-17

Matrix: Solid

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	5035			10.096 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52626	02/28/25 00:48	JSP	EET SPK
Total/NA	Prep	5035			10.096 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52625	02/28/25 00:48	JSP	EET SPK

Client Sample ID: TP-9-2

Date Collected: 02/21/25 11:15

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-18

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-9-2

Date Collected: 02/21/25 11:15

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-18

Matrix: Solid

Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.676 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52626	02/28/25 01:52	JSP	EET SPK
Total/NA	Prep	5035			8.676 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52625	02/28/25 01:52	JSP	EET SPK

Eurofins Spokane

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-10-1

Date Collected: 02/21/25 10:30

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-19

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-10-1

Date Collected: 02/21/25 10:30

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-19

Matrix: Solid

Percent Solids: 95.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.479 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52626	02/28/25 02:34	JSP	EET SPK
Total/NA	Prep	5035			9.479 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52625	02/28/25 02:34	JSP	EET SPK

Client Sample ID: TP-10-2

Date Collected: 02/21/25 10:35

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-20

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-10-2

Date Collected: 02/21/25 10:35

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-20

Matrix: Solid

Percent Solids: 96.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			8.693 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52626	02/28/25 02:55	JSP	EET SPK
Total/NA	Prep	5035			8.693 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52625	02/28/25 02:55	JSP	EET SPK

Client Sample ID: TP-11-1

Date Collected: 02/21/25 11:50

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-21

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-11-1

Date Collected: 02/21/25 11:50

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-21

Matrix: Solid

Percent Solids: 94.6

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			9.82 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52626	02/28/25 03:16	JSP	EET SPK
Total/NA	Prep	5035			9.82 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52625	02/28/25 03:16	JSP	EET SPK

Eurofins Spokane

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Client Sample ID: TP-11-2

Date Collected: 02/21/25 11:55

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-22

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-11-2

Date Collected: 02/21/25 11:55

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-22

Matrix: Solid

Percent Solids: 92.9

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			13.005 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52626	02/28/25 03:37	JSP	EET SPK
Total/NA	Prep	5035			13.005 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52625	02/28/25 03:37	JSP	EET SPK

Client Sample ID: TP-12-1

Date Collected: 02/21/25 12:30

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-23

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-12-1

Date Collected: 02/21/25 12:30

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-23

Matrix: Solid

Percent Solids: 89.2

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			11.073 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52626	02/28/25 03:58	JSP	EET SPK
Total/NA	Prep	5035			11.073 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52625	02/28/25 03:58	JSP	EET SPK

Client Sample ID: TP-12-2

Date Collected: 02/21/25 12:35

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-24

Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1			52532	02/24/25 15:44	AMB	EET SPK

Client Sample ID: TP-12-2

Date Collected: 02/21/25 12:35

Date Received: 02/21/25 16:43

Lab Sample ID: 590-29557-24

Matrix: Solid

Percent Solids: 81.8

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035			10.117 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	8260D		1	0.86 mL	43 mL	52626	02/28/25 04:19	JSP	EET SPK
Total/NA	Prep	5035			10.117 g	10 mL	52616	02/27/25 14:26	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	0.86 mL	43 mL	52625	02/28/25 04:19	JSP	EET SPK

Eurofins Spokane

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

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

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Accreditation/Certification Summary

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Laboratory: Eurofins Spokane

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

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

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

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

Method Summary

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29557-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET SPK
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	EET SPK
Moisture	Percent Moisture	EPA	EET SPK
5035	Closed System Purge and Trap	SW846	EET SPK

Protocol References:

EPA = US Environmental Protection Agency

NWTPH = Northwest Total Petroleum Hydrocarbon

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

Laboratory References:

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

Eurofins Spokane
11922 E 1st Avenue

Chain of Custody Record

eurofins
Environment Testing
America

Spokane, WA 99206-6302
phone 509.924.9200 fax 509.924.9290

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

Eurofins Environment Testing America

Client Contact		Project Manager: <u>Gary Pantler</u>		Site Contact: <u>GTP</u>		Date:		COC No:	
Your Company Name here: <u>SES</u>		Email: <u>Gary.Pantler@eurofins.com</u>		Lab Contact:		Carrier:		of COCs	
Address: <u>2020 E SPRINGFIELD AVE</u>		Tel/Fax: <u>1 Con</u>		Analysis Turnaround Time		TALS Project #:		Sampler:	
City/State/Zip: <u>Spokane WA 99202</u>		CALENDAR DAYS ☐ WORKING DAYS ☐		TAT if different from Below: <u>5-DAY</u>		For Lab Use Only:		Walk-In Client:	
(xxx) xxx-xxxx: <u>509 954 5090</u>		Phone:		☐ 2 weeks		Lab Sampling:		Job / SDG No.:	
(xxx) xxx-xxxx: <u>FAX</u>		FAX:		☐ 1 week					
Project Name: <u>JAD</u>		☐ 2 days		☐ 1 day					
Site: <u>JADWIN</u>									
P O #:									
Sample Identification		Sample Date	Sample Time	Sample Type (G=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS/MSD (Y/N)	Sample Specific Notes
TP-1-1		2-2-25	1330	G	S	3	X	X	
TP-1-2			1335				X	X	
TP-2-1			1300				X	X	
TP-2-2			1305				X	X	
TP-3-1			900				X	X	
TP-3-2			905				X	X	
TP-4-1			915				X	X	
TP-4-2			920				X	X	
TP-5-1			940				X	X	
TP-5-2			945				X	X	
TP-6-1			1000				X	X	
TP-6-2			1005				X	X	
Preservation/Storage/Handling/Other:									
Possible Hazard Identification Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.							Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown							☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months		
Special Instructions/QC Requirements & Comments:									
Custody Seals Intact: ☐ Yes ☐ No									
Relinquished by: <u>[Signature]</u>		Custody Seal No.:		Cooler Temp. (°C): Obs'd: <u>15.0</u> Corr'd: <u>17.4</u>		Therm ID No.: <u>12006</u>			
Relinquished by: <u>[Signature]</u>		Company: <u>SES</u>		Date/Time: <u>2-25-25 1644</u>		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by: <u>[Signature]</u>		Company: <u>E22880</u>	

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Eurofins Spokane
11922 E 1st Avenue

Chain of Custody Record



Environment Testing
America

Spokane, WA 99206-5302
phone 509.924.9200 fax 509.924.9290

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

Eurofins Environment Testing America

Client Contact		Project Manager: <u>Gary Panthier</u>		Site Contact: <u>GP</u>		Date:		COC No:	
Your Company Name here <u>SES</u>		Email:		Lab Contact:		Carrier:		TALS Project #:	
Address <u>2020 E. SPRINGFIELD</u>		Tel/Fax						Sampler:	
City/State/Zip <u>Spokane WA 99202</u>		Analysis Turnaround Time						For Lab Use Only	
(xxx) xxx-xxxx <u>Phone 509.954-5090</u>		☐ CALENDAR DAYS ☐ WORKING DAYS						Walk-in Client:	
(xxx) xxx-xxxx <u>FAX</u>		TAT if different from Below <u>5-DAY</u>						Lab Sampling:	
Project Name: <u>JAD</u>		☐ 2 weeks						Job / SDG No	
Site: <u>JADwin</u>		☐ 1 week							
PO #		☐ 2 days							
		☐ 1 day							
Sample Identification		Sample Date	Sample Time	Sample Type (G=Comp, G=Grab)	Matrix	# of Cont.	Filtered Sample (Y/N)	Perform MS / MSD (Y/N)	Sample Specific Notes
TP-7-1		2-21-25	1625	G	S	3	Y	Y	
TP-7-2			1030				Y	Y	
TP-8-1			1050				Y	Y	
TP-8-2			1100				Y	Y	
TP-9-1			1110				Y	Y	
TP-9-2			1115				Y	Y	
TP-10-1			1030				Y	Y	
TP-10-2			1035				Y	Y	
TP-11-1			1150				Y	Y	
TP-12-2			1535				Y	Y	
TP-12-1			1230				Y	Y	
TP-12-2		Y	1235	Y	Y	Y	Y	Y	
Preservation/Use/Disposal									
Possible Hazard Identification									
Are any samples from a listed EPA Hazardous Waste? Please List any EPA Waste Codes for the sample in the Comments Section if the lab is to dispose of the sample.									
☒ Non-Hazardous ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown									
Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)									
☐ Return to Client ☐ Disposal by Lab ☐ Archive for _____ Months									
Special Instructions/QC Requirements & Comments									
Custody Seals Intact: ☐ Yes ☐ No		Custody Seal No.		Cooler Temp. (°C): Obs'd: <u>19.0</u> Cor'd: <u>15.4</u>		Therm ID No.: <u>122012</u>			
Relinquished by: <u>[Signature]</u>		Company: <u>SES</u>		Date/Time: <u>2-21-25/1644</u>		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received by:		Company:	
Relinquished by:		Company:		Date/Time:		Received in Laboratory by:		Company:	

Login Sample Receipt Checklist

Client: Spokane Environmental Solutions LLC

Job Number: 590-29557-1

Login Number: 29557

List Source: Eurofins Spokane

List Number: 1

Creator: Morris, Mackenzie 1

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

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/5/2025 10:51:14 AM Revision 1

JOB DESCRIPTION

Jadwin

JOB NUMBER

590-29556-1

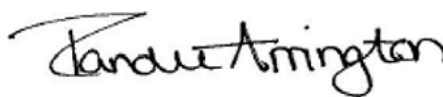
Eurofins Spokane

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



Generated
3/5/2025 10:51:14 AM
Revision 1

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



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Case Narrative

Client: Spokane Environmental Solutions LLC
Project: Jadwin

Job ID: 590-29556-1

Job ID: 590-29556-1

Eurofins Spokane

Job Narrative 590-29556-1

REVISION

The report being provided is a revision of the original report sent on 3/3/2025. The report (revision 1) is being revised due to the client sample ID was revised to match the ID that written on the container label.

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 sample was received on 2/21/2025 4:43 PM. Unless otherwise noted below, the sample arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 15.4°C.

Gasoline Range Organics

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

GC/MS VOA

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

Eurofins Spokane

Sample Summary

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29556-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-29556-1	TP-11	Water	02/21/25 12:00	02/21/25 16:43

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Definitions/Glossary

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29556-1

Glossary

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

Client Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29556-1

Client Sample ID: TP-11

Lab Sample ID: 590-29556-1

Date Collected: 02/21/25 12:00

Matrix: Water

Date Received: 02/21/25 16:43

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.40	0.093	ug/L			02/27/25 14:10	1
Ethylbenzene	ND		1.0	0.20	ug/L			02/27/25 14:10	1
m-Xylene & p-Xylene	ND		2.0	0.28	ug/L			02/27/25 14:10	1
o-Xylene	ND		1.0	0.16	ug/L			02/27/25 14:10	1
Toluene	ND		1.0	0.31	ug/L			02/27/25 14:10	1
Xylenes, Total	ND		3.0	0.44	ug/L			02/27/25 14:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	88		80 - 120		02/27/25 14:10	1
4-Bromofluorobenzene (Surr)	97		76 - 120		02/27/25 14:10	1
Dibromofluoromethane (Surr)	91		80 - 123		02/27/25 14:10	1
Toluene-d8 (Surr)	95		80 - 120		02/27/25 14:10	1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150	54	ug/L			02/27/25 14:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	97		68.7 - 141		02/27/25 14:10	1

QC Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29556-1

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

Lab Sample ID: MB 590-52612/10

Matrix: Water

Analysis Batch: 52612

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.40	0.093	ug/L			02/27/25 12:44	1
Ethylbenzene	ND		1.0	0.20	ug/L			02/27/25 12:44	1
m-Xylene & p-Xylene	ND		2.0	0.28	ug/L			02/27/25 12:44	1
o-Xylene	ND		1.0	0.16	ug/L			02/27/25 12:44	1
Toluene	ND		1.0	0.31	ug/L			02/27/25 12:44	1
Xylenes, Total	ND		3.0	0.44	ug/L			02/27/25 12:44	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	93		80 - 120		02/27/25 12:44	1
4-Bromofluorobenzene (Surr)	95		76 - 120		02/27/25 12:44	1
Dibromofluoromethane (Surr)	95		80 - 123		02/27/25 12:44	1
Toluene-d8 (Surr)	99		80 - 120		02/27/25 12:44	1

Lab Sample ID: LCS 590-52612/1005

Matrix: Water

Analysis Batch: 52612

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	10.0	10.1		ug/L		101	80 - 120
Ethylbenzene	10.0	9.84		ug/L		98	80 - 122
m-Xylene & p-Xylene	10.0	9.58		ug/L		96	80 - 125
o-Xylene	10.0	9.67		ug/L		97	80 - 130
Toluene	10.0	9.80		ug/L		98	80 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		80 - 120
4-Bromofluorobenzene (Surr)	99		76 - 120
Dibromofluoromethane (Surr)	98		80 - 123
Toluene-d8 (Surr)	98		80 - 120

Lab Sample ID: LCSD 590-52612/6

Matrix: Water

Analysis Batch: 52612

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	10.0	9.69		ug/L		97	80 - 120	4	15
Ethylbenzene	10.0	9.87		ug/L		99	80 - 122	0	35
m-Xylene & p-Xylene	10.0	9.58		ug/L		96	80 - 125	0	35
o-Xylene	10.0	9.60		ug/L		96	80 - 130	1	35
Toluene	10.0	9.51		ug/L		95	80 - 129	3	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	96		80 - 120
4-Bromofluorobenzene (Surr)	101		76 - 120
Dibromofluoromethane (Surr)	95		80 - 123
Toluene-d8 (Surr)	98		80 - 120

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QC Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29556-1

Method: NWTPH-Gx - Northwest - Volatile Petroleum Products (GC/MS)

Lab Sample ID: MB 590-52613/10

Matrix: Water

Analysis Batch: 52613

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline	ND		150	54	ug/L			02/27/25 12:44	1
Surrogate	MB %Recovery	MB Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	95		68.7 - 141					02/27/25 12:44	1

Lab Sample ID: LCS 590-52613/1009

Matrix: Water

Analysis Batch: 52613

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline	1000	983		ug/L		98	80 - 120
Surrogate	LCS %Recovery	LCS Qualifier	Limits				
4-Bromofluorobenzene (Surr)	96		68.7 - 141				

Lab Sample ID: LCSD 590-52613/1018

Matrix: Water

Analysis Batch: 52613

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline	1000	938		ug/L		94	80 - 120	5	20
Surrogate	LCSD %Recovery	LCSD Qualifier	Limits						
4-Bromofluorobenzene (Surr)	98		68.7 - 141						

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29556-1

Client Sample ID: TP-11
Date Collected: 02/21/25 12:00
Date Received: 02/21/25 16:43

Lab Sample ID: 590-29556-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	43 mL	43 mL	52612	02/27/25 14:10	JSP	EET SPK
Total/NA	Analysis	NWTPH-Gx		1	43 mL	43 mL	52613	02/27/25 14:10	JSP	EET SPK

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

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Accreditation/Certification Summary

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29556-1

Laboratory: Eurofins Spokane

The accreditations/certifications listed below are applicable to this report.

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

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Method Summary

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-29556-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET SPK
NWTPH-Gx	Northwest - Volatile Petroleum Products (GC/MS)	NWTPH	EET SPK
5030C	Purge and Trap	SW846	EET SPK

Protocol References:

NWTPH = Northwest Total Petroleum Hydrocarbon

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

Laboratory References:

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

11922 E 1st Avenue

**Environment Testing
America**

Spokane WA 99208-5302
phone 509.924.9200 fax 509.924.9290

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

Eurofins Environment Testing America

[illegible][illegible]

590-29556 Chain of Custody

Preservation/Use/Disposal: 2-11-61 10-11-61 11-11-61 12-11-61 01-11-62 02-11-62

Possible Hazard Identification

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

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

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

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

Special Instructions/QC Requirements & Comments

Custody Seals Intact: ☐ Yes ☐ No

Custody Seal No.

Cooler Temp. (°C): Obs'd: 5.0 Corr'd: 5.4 Therm ID No.: 2006

Relinquished by: 

Company: 

Date/Time. 02/25/16 43

4 Received by:

Company:

Date/Time:

Relinquished by: [Signature]

Company	
---------	--

Date/Time:

Received by:

Company:	
----------	--

Date/Time:

0

Comp=11

Date, Time,

Page 13 of 14

Date/Time: 2/21/25 3/5/2025 (Rev. 1)

Login Sample Receipt Checklist

Client: Spokane Environmental Solutions LLC

Job Number: 590-29556-1

Login Number: 29556

List Source: Eurofins Spokane

List Number: 1

Creator: Morris, Mackenzie 1

Question	Answer	Comment
Radioactivity wasn't checked or is $\leq$ background as measured by a survey meter.	N/A	
The cooler's custody seal, if present, is intact.	N/A	
Sample custody seals, if present, are intact.	N/A	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	False	Received same day of collection; chilling process has begun.
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 $<6\text{mm}$ (1/4").	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Residual Chlorine Checked.	N/A	

ANALYTICAL REPORT

PREPARED FOR

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

Generated 3/24/2025 5:03:18 PM

JOB DESCRIPTION

Jadwin

JOB NUMBER

590-30019-1

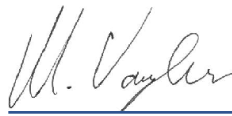
Eurofins Spokane

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



Generated
3/24/2025 5:03:18 PM

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Case Narrative

Client: Spokane Environmental Solutions LLC
Project: Jadwin

Job ID: 590-30019-1

Job ID: 590-30019-1

Eurofins Spokane

Job Narrative 590-30019-1

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 3/21/2025 1:03 PM. Unless otherwise noted below, the samples arrived in good condition, and, where required, properly preserved and on ice. The temperature of the cooler at receipt time was 4.5°C.

GC/MS VOA

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

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Sample Summary

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-30019-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received
590-30019-1	MW-1	Water	03/21/25 09:00	03/21/25 13:03
590-30019-2	MW-2	Water	03/21/25 09:20	03/21/25 13:03
590-30019-3	MW-3	Water	03/21/25 09:40	03/21/25 13:03
590-30019-4	MW-4	Water	03/21/25 10:00	03/21/25 13:03

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Definitions/Glossary

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-30019-1

Glossary

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

Client Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-30019-1

Client Sample ID: MW-1

Lab Sample ID: 590-30019-1

Date Collected: 03/21/25 09:00

Matrix: Water

Date Received: 03/21/25 13:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.40	0.093	ug/L			03/21/25 19:20	1
Ethylbenzene	ND		1.0	0.20	ug/L			03/21/25 19:20	1
m-Xylene & p-Xylene	ND		2.0	0.28	ug/L			03/21/25 19:20	1
o-Xylene	ND		1.0	0.16	ug/L			03/21/25 19:20	1
Toluene	ND		1.0	0.31	ug/L			03/21/25 19:20	1
Xylenes, Total	ND		3.0	0.44	ug/L			03/21/25 19:20	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	92		80 - 120		03/21/25 19:20	1
4-Bromofluorobenzene (Surr)	96		76 - 120		03/21/25 19:20	1
Dibromofluoromethane (Surr)	108		80 - 123		03/21/25 19:20	1
Toluene-d8 (Surr)	98		80 - 120		03/21/25 19:20	1

Client Sample ID: MW-2

Lab Sample ID: 590-30019-2

Date Collected: 03/21/25 09:20

Matrix: Water

Date Received: 03/21/25 13:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.40	0.093	ug/L			03/21/25 19:41	1
Ethylbenzene	ND		1.0	0.20	ug/L			03/21/25 19:41	1
m-Xylene & p-Xylene	ND		2.0	0.28	ug/L			03/21/25 19:41	1
o-Xylene	ND		1.0	0.16	ug/L			03/21/25 19:41	1
Toluene	ND		1.0	0.31	ug/L			03/21/25 19:41	1
Xylenes, Total	ND		3.0	0.44	ug/L			03/21/25 19:41	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		80 - 120		03/21/25 19:41	1
4-Bromofluorobenzene (Surr)	95		76 - 120		03/21/25 19:41	1
Dibromofluoromethane (Surr)	107		80 - 123		03/21/25 19:41	1
Toluene-d8 (Surr)	101		80 - 120		03/21/25 19:41	1

Client Sample ID: MW-3

Lab Sample ID: 590-30019-3

Date Collected: 03/21/25 09:40

Matrix: Water

Date Received: 03/21/25 13:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.40	0.093	ug/L			03/21/25 20:02	1
Ethylbenzene	ND		1.0	0.20	ug/L			03/21/25 20:02	1
m-Xylene & p-Xylene	ND		2.0	0.28	ug/L			03/21/25 20:02	1
o-Xylene	ND		1.0	0.16	ug/L			03/21/25 20:02	1
Toluene	ND		1.0	0.31	ug/L			03/21/25 20:02	1
Xylenes, Total	ND		3.0	0.44	ug/L			03/21/25 20:02	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	91		80 - 120		03/21/25 20:02	1
4-Bromofluorobenzene (Surr)	95		76 - 120		03/21/25 20:02	1
Dibromofluoromethane (Surr)	106		80 - 123		03/21/25 20:02	1
Toluene-d8 (Surr)	101		80 - 120		03/21/25 20:02	1

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Client Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-30019-1

Client Sample ID: MW-4

Lab Sample ID: 590-30019-4

Date Collected: 03/21/25 10:00

Matrix: Water

Date Received: 03/21/25 13:03

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

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.40	0.093	ug/L			03/21/25 20:24	1
Ethylbenzene	ND		1.0	0.20	ug/L			03/21/25 20:24	1
m-Xylene & p-Xylene	ND		2.0	0.28	ug/L			03/21/25 20:24	1
o-Xylene	ND		1.0	0.16	ug/L			03/21/25 20:24	1
Toluene	ND		1.0	0.31	ug/L			03/21/25 20:24	1
Xylenes, Total	ND		3.0	0.44	ug/L			03/21/25 20:24	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	94		80 - 120		03/21/25 20:24	1
4-Bromofluorobenzene (Surr)	92		76 - 120		03/21/25 20:24	1
Dibromofluoromethane (Surr)	108		80 - 123		03/21/25 20:24	1
Toluene-d8 (Surr)	101		80 - 120		03/21/25 20:24	1

QC Sample Results

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-30019-1

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

Lab Sample ID: MB 590-53015/10

Matrix: Water

Analysis Batch: 53015

Client Sample ID: Method Blank

Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	ND		0.40	0.093	ug/L			03/21/25 13:19	1
Ethylbenzene	ND		1.0	0.20	ug/L			03/21/25 13:19	1
m-Xylene & p-Xylene	ND		2.0	0.28	ug/L			03/21/25 13:19	1
o-Xylene	ND		1.0	0.16	ug/L			03/21/25 13:19	1
Toluene	ND		1.0	0.31	ug/L			03/21/25 13:19	1
Xylenes, Total	ND		3.0	0.44	ug/L			03/21/25 13:19	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
1,2-Dichloroethane-d4 (Surr)	95		80 - 120		03/21/25 13:19	1
4-Bromofluorobenzene (Surr)	97		76 - 120		03/21/25 13:19	1
Dibromofluoromethane (Surr)	108		80 - 123		03/21/25 13:19	1
Toluene-d8 (Surr)	99		80 - 120		03/21/25 13:19	1

Lab Sample ID: LCS 590-53015/1005

Matrix: Water

Analysis Batch: 53015

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	10.0	9.67		ug/L		97	80 - 120
Ethylbenzene	10.0	9.83		ug/L		98	80 - 122
m-Xylene & p-Xylene	10.0	9.73		ug/L		97	80 - 125
o-Xylene	10.0	9.17		ug/L		92	80 - 130
Toluene	10.0	9.93		ug/L		99	80 - 129

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	91		80 - 120
4-Bromofluorobenzene (Surr)	99		76 - 120
Dibromofluoromethane (Surr)	100		80 - 123
Toluene-d8 (Surr)	102		80 - 120

Lab Sample ID: LCSD 590-53015/6

Matrix: Water

Analysis Batch: 53015

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Benzene	10.0	9.80		ug/L		98	80 - 120	1	15
Ethylbenzene	10.0	9.87		ug/L		99	80 - 122	0	35
m-Xylene & p-Xylene	10.0	9.70		ug/L		97	80 - 125	0	35
o-Xylene	10.0	9.30		ug/L		93	80 - 130	1	35
Toluene	10.0	9.87		ug/L		99	80 - 129	1	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1,2-Dichloroethane-d4 (Surr)	94		80 - 120
4-Bromofluorobenzene (Surr)	98		76 - 120
Dibromofluoromethane (Surr)	100		80 - 123
Toluene-d8 (Surr)	103		80 - 120

Eurofins Spokane

Lab Chronicle

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-30019-1

Client Sample ID: MW-1

Date Collected: 03/21/25 09:00

Date Received: 03/21/25 13:03

Lab Sample ID: 590-30019-1

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	43 mL	43 mL	53015	03/21/25 19:20	JSP	EET SPK

Client Sample ID: MW-2

Date Collected: 03/21/25 09:20

Date Received: 03/21/25 13:03

Lab Sample ID: 590-30019-2

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	43 mL	43 mL	53015	03/21/25 19:41	JSP	EET SPK

Client Sample ID: MW-3

Date Collected: 03/21/25 09:40

Date Received: 03/21/25 13:03

Lab Sample ID: 590-30019-3

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	43 mL	43 mL	53015	03/21/25 20:02	JSP	EET SPK

Client Sample ID: MW-4

Date Collected: 03/21/25 10:00

Date Received: 03/21/25 13:03

Lab Sample ID: 590-30019-4

Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260D		1	43 mL	43 mL	53015	03/21/25 20:24	JSP	EET SPK

Laboratory References:

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

Accreditation/Certification Summary

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-30019-1

Laboratory: Eurofins Spokane

The accreditations/certifications listed below are applicable to this report.

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

1
2
3
4
5
6
7
8
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10
11
12

Method Summary

Client: Spokane Environmental Solutions LLC
Project/Site: Jadwin

Job ID: 590-30019-1

Method	Method Description	Protocol	Laboratory
8260D	Volatile Organic Compounds by GC/MS	SW846	EET SPK
5030C	Purge and Trap	SW846	EET SPK

Protocol References:

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

Laboratory References:

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

Login Sample Receipt Checklist

Client: Spokane Environmental Solutions LLC

Job Number: 590-30019-1

Login Number: 30019

List Source: Eurofins Spokane

List Number: 1

Creator: Desimone, Carson

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