



Chris Brand
Environmental Remediation/ Facility Decom Advisor

VIA ELECTRONIC MAIL

December 18, 2025

New Mexico Oil Conservation Division
District I
1625 N. French Drive
Hobbs, New Mexico 88240

**Re: West Lovington Unit #009
2025 Remediation Work Plan**
Incident No. nCH1825351115

Dear Whom it May Concern:

Please find enclosed for your files, copies of the following:
West Lovington Unit #009 Remediation Work Plan

The Work Plan was prepared by Arcadis U.S., Inc. (Arcadis) on behalf of Chevron Environmental Management Company (CEMC) for Chevron USA.

Please do not hesitate to call Morgan Jordan with Arcadis at 281.644.9437, or myself at 661.401.0359, should you have any questions.

Sincerely,

Chris Brand

Encl. West Lovington Unit #099 Remediation Work Plan

cc. Morgan Jordan – Arcadis

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Chevron Environmental Management Company

2025 Remediation Work Plan

West Lovington Unit #009

Lea County, New Mexico

Incident # nCH1825351115

December 2025

2025 Remediation Work Plan
West Lovington Unit #009

2025 Remediation Work Plan

West Lovington Unit #009
Incident # nCH1825351115
Lea County, New Mexico

December 2025

Prepared By:

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Project Manager

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www.arcadis.com

2025 Remediation Work Plan
West Lovington Unit #009

Contents

1	Introduction.....	1
2	Project Summary	1
2.1	Incident # nCH1825351115.....	1
3	Site Characterization	1
4	NMAC Regulatory Criteria	2
5	Site Assessment Activities.....	2
6	Proposed Work Plan.....	3
7	Work Plan Approval Request	3

Tables

Table 1. Soil Analytical Results

Figures

Figure 1. Site Location Map

Figure 2. Topographic Map

Figure 3. Proposed Excavation and Sample Location Map

Appendices

Appendix A. Photo Log

Appendix B. Site Characterization Data

Appendix C. Laboratory Analytical Reports

2025 Remediation Work Plan
West Lovington Unit #009

1 Introduction

Arcadis U.S., Inc. (Arcadis) has prepared this Remediation Work Plan, for Chevron Environmental Management Company (CEMC) on behalf of Chevron U.S.A. Inc., through its division Chevron North America Exploration and Production Company, for the release site known as the West Lovington Unit #009 (Site) located at coordinates: 32.8548012, -103.3835907.

2 Project Summary

The Site is located on private land approximately 6.25 miles southwest of Lovington in Unit D, Section 8, Township 17 South, Range 36 East, Lea County, New Mexico. The site is located within a low karst area. A Site Location Map is included as **Figure 1** and a Topographic Map as **Figure 2**.

2.1 Incident # nCH1825351115

According to the Initial C-141 Form, on August 24, 2018, internal corrosion on an injection line caused the release of approximately 19.5 barrels (bbls) of produced water and approximately 12 bbls were recovered. The Initial C-141 was approved by the New Mexico Oil Conservation Division (NMOCD) on September 7, 2018, and assigned incident number nCH1825351115 and remediation permit number 1RP-5186.

3 Site Characterization

After a review of the New Mexico Office of State Engineers (NMOSE) database and by field inspection, irrigation well L-01723-S located approximately 0.48 miles northeast of the Site was identified and gauged with a water level meter by Arcadis on August 13, 2025. Depth to water was verified at 63.98 feet below ground surface (bgs). Photographic documentation of gauging activities by Arcadis are included in **Appendix A (Photo No. 1 and 2)**.

The following site characteristics were determined in accordance with 19.15.29 New Mexico Administrative Code (NMAC):

- Shallowest depth to groundwater beneath the area affected by the release in ft bgs: Between 51 and 75 feet;
- Method used to determine the depth to groundwater: direct measurement;
- Distance to continuously flowing watercourse or any other significant watercourse: >5 miles;
- Distance to lakebed, sinkhole, or playa lake: Between 1 and 5 miles;
- Distance to occupied permanent residence, school, hospital, institution, or church: Between 1 and 5 miles;
- Distance to spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes: Between 1,000 feet and 0.50 miles;
- Distance to other fresh water well or spring: Between 1,000 feet and 0.50 miles;
- Distance to incorporated municipal boundaries or a defined municipal fresh water well field: Between 1 and 5 miles;
- Distance to wetland: Between 0.50 and 1 miles;
- Distance to subsurface mine: >5 miles;

2025 Remediation Work Plan
West Lovington Unit #009

- Distance to (non-karst) unstable area: >5 miles;
- Categorize the risk of this well/site being in a karst geology: Low;
- Distance to a 100-year floodplain: >5 miles; and
- Did the release impact areas not on an exploration, development, production, or storage site? No

The site characterization data is presented in **Appendix B**.

4 NMAC Regulatory Criteria

Per Table I of NMAC part 19.15.29.12, the following closure criteria apply to the Site for reclamation activities within the first 4 feet of soil:

Constituent	Limit (mg/kg)
Benzene	10 mg/kg
Benzene, Toluene, Ethylbenzene, and Xylenes (BTEX)	50 mg/kg
Total Petroleum Hydrocarbons (TPH) – Gasoline Range Organics (GRO), Diesel Range Organics (DRO), and Oil Range Organics (ORO)	100 mg/kg
Chloride	600 mg/kg

Per Table I of NMAC part 19.15.29.12, the following closure criteria apply to the Site for remediation activities for soils at depths greater than 4 feet bgs confirmed with depth to groundwater greater than 50 feet bgs:

Constituent	Limit (mg/kg)
Benzene	10 mg/kg
BTEX	50 mg/kg
TPH –GRO, DRO, and ORO	2,500 mg/kg
Chloride	10,000 mg/kg

5 Site Assessment Activities

In October and December 2025, Arcadis performed site assessment activities to evaluate soil impacts stemming from the release. A total of nine (9) sample points (SB-1 through SB-9) were advanced to depths ranging from the surface to 4 feet bgs inside and surrounding the release area to evaluate the vertical and horizontal extents of the release. Soil sample locations are shown on **Figure 3**. Photographic documentation of assessment activities are included in **Appendix A**. Soil samples were collected for chemical analysis, placed directly into laboratory-provided sample containers, stored on ice, and transported under the proper chain-of-custody protocol to Eurofins Laboratories in Midland, Texas.

2025 Remediation Work Plan West Lovington Unit #009

The soil samples were analyzed for BTEX by United States Environmental Protection Agency (EPA) Method 8021B, TPH by EPA Method 8015, and chloride by EPA method 300.0. Soil samples analyzed for BTEX were reported in one sample with a concentration of 0.00246 J mg/kg (SB-9). Soil samples analyzed for TPH were reported with concentrations ranging from 18.8 J mg/kg (SB-8) to 814 mg/kg (SB-4). Soil samples analyzed for chloride were reported with concentrations ranging from 5.35 J mg/kg (SB-9) to 801 mg/kg (SB-3).

Vertical and horizontal delineation was completed during assessment activities. Analytical data collected to date and field screening during proposed remediation activities will be utilized to guide remediation activities. Soil sample analytical results from assessment activities are summarized in **Table 1**. Laboratory reports for soil samples collected during the initial site assessment, including analytical methods, results, and chain-of-custody documents, are attached in **Appendix C**.

6 Proposed Work Plan

Based on the analytical data and the detected TPH and chloride concentrations in soil samples collected during site assessment activities, CEMC proposes to remediate the areas of concern via excavation illustrated in orange as shown in **Figure 3** and bolded in **Table 1**.

The proposed excavation areas encompass a surface area of approximately 4,000 square feet within the pad area. An estimated 600 cubic yards of soil will be removed and transported to the Lea Land LLC located in Hobbs, New Mexico, which is listed as an NMOCD approved disposal facility.

In accordance with NMAC 19.15.29.12(D)(1)(b) CEMC proposes the following confirmation sampling plan to adhere with NMOCD requirements. Five-point composite confirmation soil samples will be collected from the excavation floor and sidewalls at 200 square foot intervals for analysis of BTEX by EPA Method 8260, TPH for GRO, DRO, and ORO by EPA Method 8015, and chloride by EPA Method 300.0. Lateral and vertical limits of the excavation will halt once confirmation sample analytical results are in accordance with NMAC 19.15.29.12(D)(1)(c).

Backfill material will be verified to be non-waste containing prior to backfilling the remediated areas by obtaining analytical data from the backfill material supplier if available, or by collecting a five-point composite sample and analyzing for BTEX by EPA Method 8260, TPH for GRO, DRO, and ORO by EPA Method 8015, and chloride by EPA Method 300.0. Following completion of excavation activities and confirmation that the backfill material is non-waste containing, the areas will be backfilled with the clean material and graded to match the original surface conditions and drainage. Approximately 4,000 square feet located within the pad area will be reclaimed to original condition and re-seeded following remediation activities.

The proposed remediation activities will be implemented within 90 days following approval of this work plan by the NMOCD. The anticipated schedule includes 30 days to prepare and schedule field work and confirm sub-contractors, 30 days to complete on-site remediation activities, and 30 days to prepare a soil remediation summary and closure request report.

7 Work Plan Approval Request

Upon completion of the above proposed soil remediation activities, a closure request report will be submitted to the NMOCD for review. If you have any questions regarding this work plan or need additional information, please do not hesitate to contact Morgan Jordan at 281-644-9437.

Tables



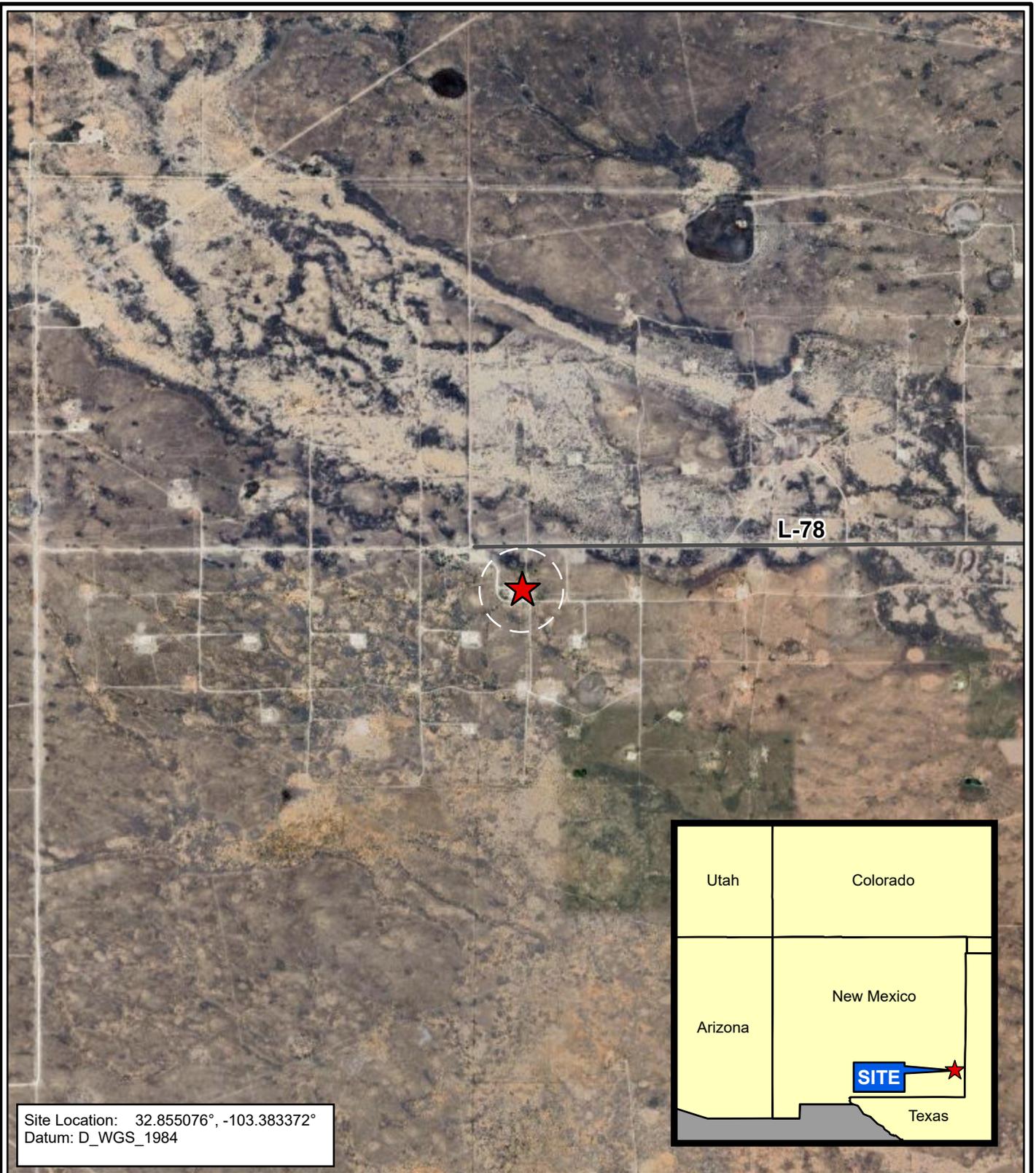
Table 1
Soil Analytical Results
Chevron Environmental Management Company
West Lovington Unit #009
Lea County, NM

Sample I.D.	Sample Depth (feet bgs)	Date	Benzene	Toluene	Ethylbenzene	Total Xylenes	Total BTEX	TPH-GRO	TPH-DRO	TPH GRO + DRO	TPH MRO	Total TPH	Chloride
			(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)	(mg/kg)
NMAC Standards			10	--	--	--	50	--	--	1,000	--	2,500	10,000
Restoration Requirements			10	--	--	--	50	--	--	--	--	100	600
SB-1	0 - 0.5'	10/08/25	<0.00139	<0.00200	<0.00109	<0.00229	<0.00229	<14.5	26.5 J	26.5 J	47.0 J	73.5	219
	2'	10/08/25	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	<14.5	<15.1	<15.1	37.9 J	37.9 J	589
SB-2	0 - 0.5'	10/08/25	<0.00140	<0.00201	<0.00109	<0.00229	<0.00229	<14.5	<15.1	<15.1	36.8 J	36.8 J	164
	2'	10/08/25	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	<14.5	19.4 J	19.4 J	40.9 J	60.3	794
SB-3	4'	10/08/25	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	<14.5	<15.1	<15.1	34.2 J	34.2 J	267
	0 - 0.5'	10/08/25	<0.00140	<0.00201	<0.00109	<0.00229	<0.00229	<14.5	<15.1	<15.1	31.0 J	31.0 J	228
	2'	10/08/25	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	<14.5	<15.1	<15.1	27.3 J	27.3 J	801
SB-4	4'	10/08/25	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	<14.5	16.9 J	16.9 J	30.7 J	47.6 J	525
	0 - 0.5'	10/08/25	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	<14.5	640	640	174	814	307
SB-5	2'	10/08/25	<0.00140	<0.00201	<0.00110	<0.00230	<0.00230	<14.5	632	632	151	783	205
	0 - 0.5'	10/08/25	<0.00140	<0.00202	<0.00110	<0.00230	<0.00230	<14.5	<15.1	<15.1	154	154	189
SB-6	2'	10/08/25	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	<14.5	<15.1	<15.1	111	111	704
	0 - 0.5'	12/01/25	<0.00141	<0.00202	<0.00110	<0.00231	<0.00231	21.8 J B	<15.1	21.8 J B	<15.1	21.8 J	46.4
SB-7	2'	12/01/25	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	19.3 J B	<15.2	19.3 J B	<15.2	19.3 J	53.0
	4'	12/01/25	<0.00139	<0.00200	<0.00109	<0.00228	<0.00228	21.3 J B	<15.1	21.3 J B	<15.1	21.3 J	28.1
SB-8	0 - 0.5'	12/01/25	<0.00139	<0.00200	<0.00109	<0.00229	<0.00229	20.1 J B	<15.1	20.1 J B	<15.1	20.1 J	10.2
	2'	12/01/25	<0.00138	<0.00199	<0.00108	<0.00227	<0.00227	22.2 J B	<15.1	22.2 J B	<15.1	22.2 J	309
SB-9	0 - 0.5'	12/01/25	<0.00138	<0.00198	<0.00108	<0.00226	<0.00226	18.8 J B	<15.1	18.8 J B	<15.1	18.8 J	8.18 J
	2'	12/01/25	<0.00138	<0.00198	0.00163 J	<0.00227	<0.00227	19.6 J B	<15.1	19.6 J B	<15.1	19.6 J	9.06 J
SB-9	0 - 0.5'	12/01/25	<0.00140	<0.00202	<0.00110	0.00246 J	0.00246 J	20.9 J B	<15.1	20.9 J B	<15.1	20.9 J	26.4
	2'	12/01/25	<0.00140	<0.00201	<0.00110	<0.00230	<0.00230	19.0 J B	<15.1	19.0 J B	<15.1	19.0 J	5.35 J

Legend:
BOLD = Analytes exceeding Restoration Requirement
 --: Not available/not applicable
 " " : Indicates one foot
 BGS: Below Ground Surface
 J: Result is less than the Reporting Limit (RL) but greater than or equal to the Method Detection Limit (MDL) and the concentration is an approximate value.
 B: Compound was found in the blank and sample.
 '<' indicates the analyte was not detected at or above the MDL.
 mg/kg: Milligram per Kilogram
 BTEX : Benzene, Toluene, Ethylbenzene, and Total Xylenes
 NMAC : New Mexico Administration Code. Criteria based off of depth to groundwater of 51-100 feet.
 TPH GRO: Total Petroleum Hydrocarbons Gasoline Range Organics
 TPH MRO: Total Petroleum Hydrocarbons Motor Oil Range Organics
 TPH DRO: Total Petroleum Hydrocarbon Diesel Range Organics
 Total TPH: GRO + DRO + MRO
 *Revised screening limit and restoration criteria within the first 4 feet below ground surface per Rule 19.15.29 effective August 14, 2018

- Notes:**
- Chloride analyzed by United States Environmental Protection Agency (USEPA) Method 300.0
 - TPH analyzed by USEPA Method SW846 8015B NM
 - BTEX analyzed by USEPA Method SW846 8021B
 - Closure Criteria New Mexico Administrative Code 19.15.29.12.E(2)

Figures



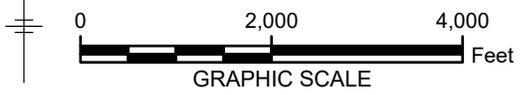
Site Location: 32.855076°, -103.383372°
 Datum: D_WGS_1984



City: Houston Div/Group: Remediation West -Air Group Created By: W Berry Last Saved By: yadavs0264 : Client (Project #)
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Legend

-  Site Location
- Credits: ESRI Online, Google Earth



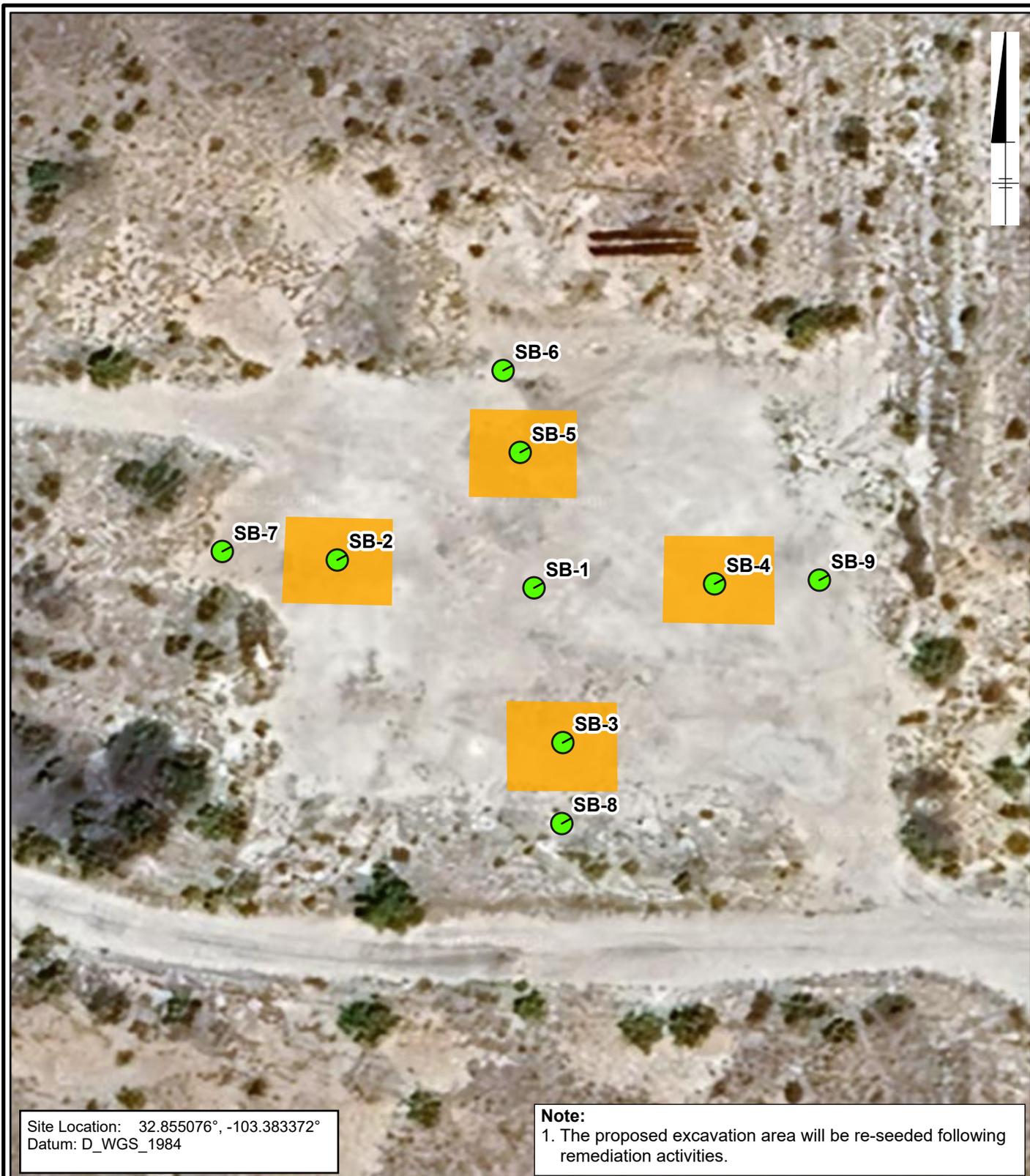
CHEVRON ENVIRONMENTAL MANAGEMENT COMPAN
 YWEST LOVINGTON UNIT #009
 LEA COUNTY, NEW MEXICO

SITE LOCATION MAP



FIGURE 1

City: Houston Div/Group: Remediation West -Air Group Created By: W Berry Last Saved By: yadavs0264 : Client (Project #)
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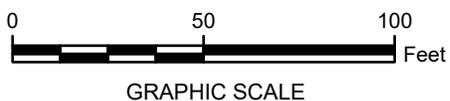


Site Location: 32.855076°, -103.383372°
 Datum: D_WGS_1984

Note:
 1. The proposed excavation area will be re-seeded following remediation activities.

Legend

-  Previous Assessment Sample Location
-  Proposed Excavation Area



CHEVRON ENVIRONMENTAL MANAGEMENT COMPAN
 YWEST LOVINGTON UNIT #009
 LEA COUNTY, NEW MEXICO

**PROPOSED EXCAVATION AND
 SOIL SAMPLE LOCATION MAP**



FIGURE
3

Appendix A

Photo Log

		PHOTOGRAPHIC LOG	
Property Name: West Lovington Unit #009		Location: Lea County, NM	Incident No. nCH1825351115
Photo No. 1	Date: 8/13/2025		
Coordinates: 32.860658, -103.378597			
Description: Irrigation Well L-01723-S being gauged by Arcadis on August 13, 2025. Meter lighting up for water detection at 63.98 ft below ground surface (bgs).			

		PHOTOGRAPHIC LOG	
Property Name: West Lovington Unit #009		Location: Lea County, NM	Incident No. nCH1825351115
Photo No. 2	Date: 8/13/2025		
Coordinates: 32.860658, -103.378597			
Description: Irrigation Well L-01723-S being gauged by Arcadis on August 13, 2025, and depth to water was verified at 63.98 ft below ground surface (bgs).			

		PHOTOGRAPHIC LOG	
Property Name: West Lovington Unit #009		Location: Lea County, NM	Incident No. nCH1825351115
Photo No. 3	Date: 10/08/2025		
Coordinates: 32.854758, -103.383599			
Description: Pad facing Northwest			

		PHOTOGRAPHIC LOG	
Property Name: West Lovington Unit #009		Location: Lea County, NM	Incident No. nCH1825351115
Photo No. 4	Date: 10/08/2025		
Coordinates: 32.854679, -103.383600			
Description: Full pad, facing North			

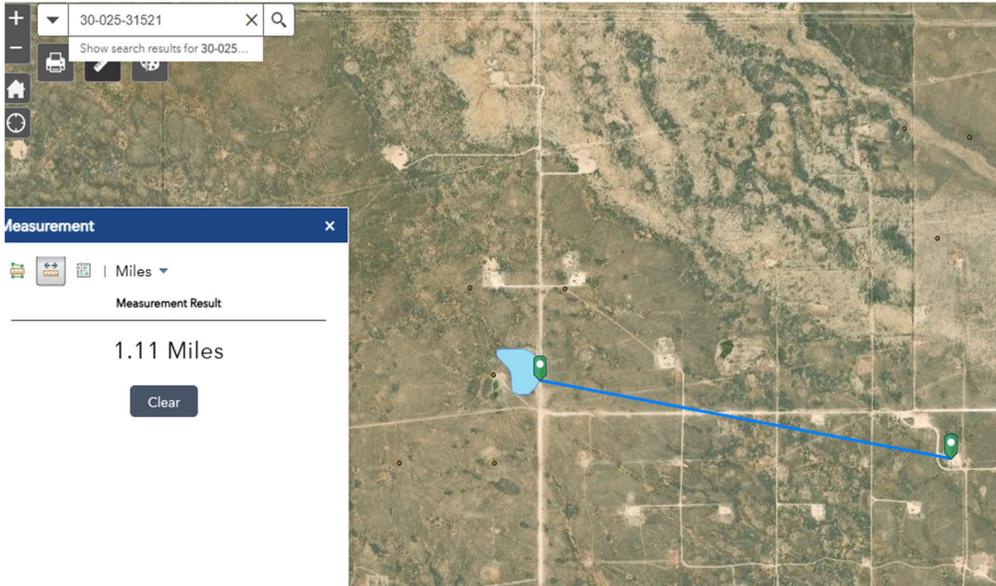
		PHOTOGRAPHIC LOG	
Property Name: West Lovington Unit #009		Location: Lea County, NM	Incident No. nCH1825351115
Photo No. 5	Date: 10/08/2025		
Coordinates: 32.854937, -103.383820			
Description: Test trench with backhoe, SB-2			

		PHOTOGRAPHIC LOG	
Property Name: West Lovington Unit #009		Location: Lea County, NM	Incident No. nCH1825351115
Photo No. 6	Date: 12/01/2025		
Coordinates: 32.855042, -103.383641			
Description: Test trench with backhoe. Rock breaker being used.			

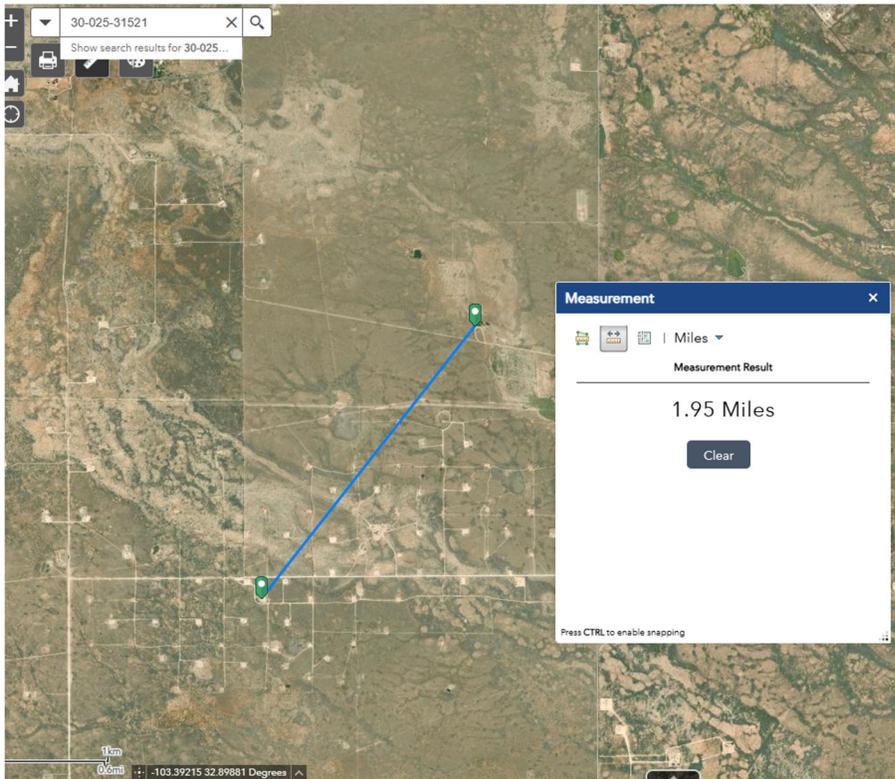
Appendix B

Site Characterization Data

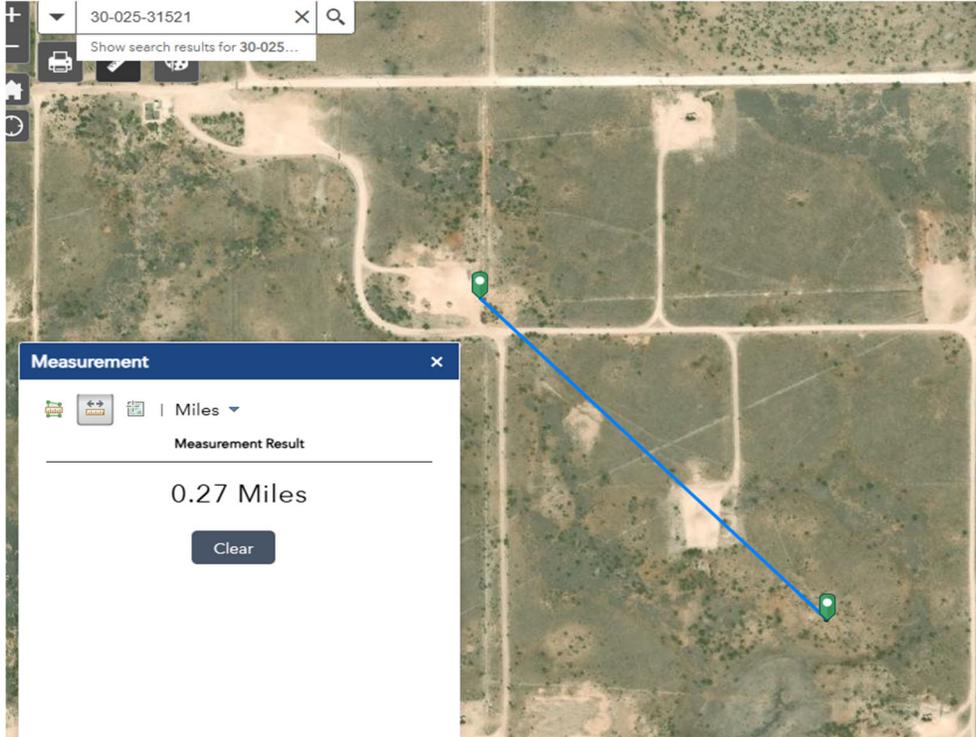
Distance to lakebed, sinkhole, or playa lake.



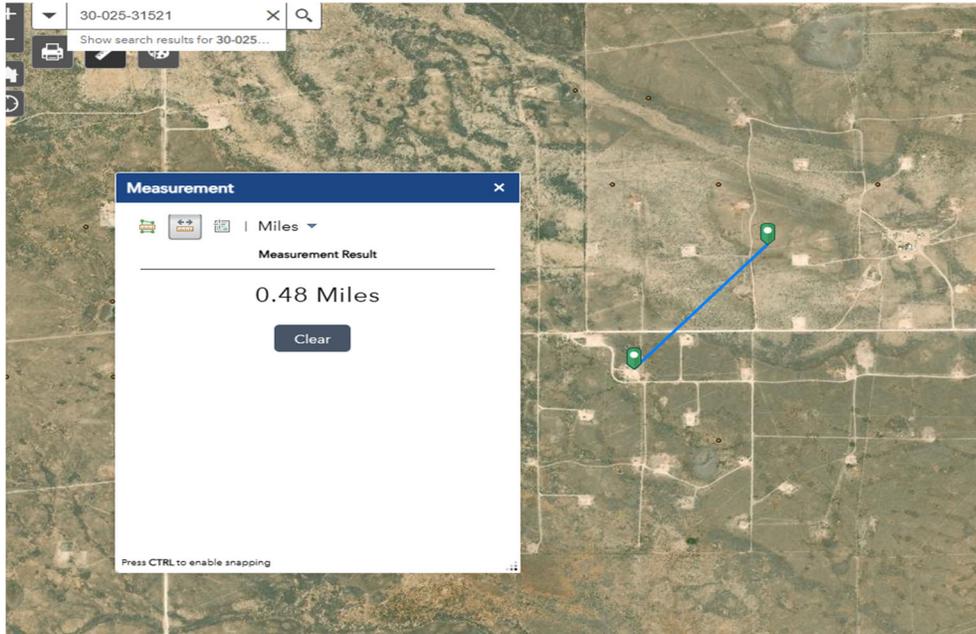
Distance to occupied permanent residence, school, hospital, institution, or church.



Distance to spring or private domestic fresh water well used by less than five households for domestic or stock watering purposes (Pod L-00381).



Distance to any other fresh water well or spring (L-01723-S).



Distance to a wetland.



Appendix C

Laboratory Analytical Reports



Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Morgan Jordan
 Arcadis US Inc.
 1004 North Big Spring
 Suite 300
 Midland, Texas 79701

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JOB DESCRIPTION

WLU 99
 30202541

JOB NUMBER

880-63720-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

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Revision 1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
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- 10
- 11
- 12
- 13
- 14

Client: Arcadis US Inc.
Project/Site: WLU 99

Laboratory Job ID: 880-63720-1
SDG: 30202541

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	16
QC Sample Results	17
QC Association Summary	21
Lab Chronicle	25
Certification Summary	29
Method Summary	30
Sample Summary	31
Chain of Custody	32
Receipt Checklists	34

Definitions/Glossary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Qualifiers

GC VOA

Qualifier	Qualifier Description
U	Indicates the analyte was analyzed for but not detected.

GC Semi VOA

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

HPLC/IC

Qualifier	Qualifier Description
F1	MS and/or MSD recovery exceeds control limits.
U	Indicates the analyte was analyzed for but not detected.

Glossary

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

Case Narrative

Client: Arcadis US Inc.
Project: WLU 99

Job ID: 880-63720-1

Job ID: 880-63720-1

Eurofins Midland

Job Narrative 880-63720-1

REVISION

The report being provided is a revision of the original report sent on 10/15/2025. The report (revision 1) is being revised due to Revised report to verify sample #2's Chloride per client request..

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 10/10/2025 2:40 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 3.4°C.

Receipt Exceptions

The following samples were received and analyzed from an unpreserved bulk soil jar: SB - 1 - 5 (880-63720-1), SB - 1 - 2' (880-63720-2), SB - 2 - 5 (880-63720-3), SB - 2 - 2' (880-63720-4), SB - 2 - 4' (880-63720-5), SB - 3 - 5 (880-63720-6), SB - 3 - 2' (880-63720-7), SB - 3 - 4' (880-63720-8), SB - 4 - 5 (880-63720-9), SB - 4 - 2' (880-63720-10), SB - 5 - 5 (880-63720-11) and SB - 5 - 2' (880-63720-12).

The following samples were received and analyzed from an unpreserved bulk soil jar: SB - 1 - 5 (880-63720-1), SB - 1 - 2' (880-63720-2), SB - 2 - 5 (880-63720-3), SB - 2 - 2' (880-63720-4), SB - 2 - 4' (880-63720-5), SB - 3 - 5 (880-63720-6), SB - 3 - 2' (880-63720-7), SB - 3 - 4' (880-63720-8), SB - 4 - 5 (880-63720-9), SB - 4 - 2' (880-63720-10), SB - 5 - 5 (880-63720-11) and SB - 5 - 2' (880-63720-12).

GC VOA

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

Diesel Range Organics

Method 8015MOD_NM: The method blank for preparation batch 880-121007 and analytical batch 880-121068 contained Oil Range Organics (Over C28-C36) 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.

HPLC/IC

Method 300_ORGFM_28D - Soluble: The matrix spike / matrix spike duplicate (MS/MSD) recoveries for preparation batch 880-121043 and analytical batch 880-121087 were outside control limits for one or more analytes. See QC Sample Results for detail. Sample matrix interference and/or non-homogeneity are suspected because the associated laboratory control sample (LCS) recovery is within acceptance limits.

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

Eurofins Midland

Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99Job ID: 880-63720-1
SDG: 30202541

Client Sample ID: SB - 1 - 5

Lab Sample ID: 880-63720-1

Date Collected: 10/08/25 09:30

Matrix: Solid

Date Received: 10/10/25 14:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		10/13/25 11:39	10/14/25 11:48	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		10/13/25 11:39	10/14/25 11:48	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		10/13/25 11:39	10/14/25 11:48	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		10/13/25 11:39	10/14/25 11:48	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		10/13/25 11:39	10/14/25 11:48	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		10/13/25 11:39	10/14/25 11:48	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/13/25 11:39	10/14/25 11:48	1
1,4-Difluorobenzene (Surr)	99		70 - 130	10/13/25 11:39	10/14/25 11:48	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00400	0.00229	mg/Kg			10/14/25 11:48	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	73.5		49.9	15.1	mg/Kg			10/14/25 20:13	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	49.9	14.5	mg/Kg		10/10/25 16:49	10/14/25 20:13	1
Diesel Range Organics (Over C10-C28)	26.5	J	49.9	15.1	mg/Kg		10/10/25 16:49	10/14/25 20:13	1
Oil Range Organics (Over C28-C36)	47.0	J B	49.9	15.1	mg/Kg		10/10/25 16:49	10/14/25 20:13	1
Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac			
1-Chlorooctane	84		70 - 130	10/10/25 16:49	10/14/25 20:13	1			
o-Terphenyl	106		70 - 130	10/10/25 16:49	10/14/25 20:13	1			

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	219		9.92	0.392	mg/Kg			10/13/25 12:40	1

Client Sample ID: SB - 1 - 2'

Lab Sample ID: 880-63720-2

Date Collected: 10/08/25 09:50

Matrix: Solid

Date Received: 10/10/25 14:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		10/13/25 11:39	10/14/25 12:09	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		10/13/25 11:39	10/14/25 12:09	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		10/13/25 11:39	10/14/25 12:09	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		10/13/25 11:39	10/14/25 12:09	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		10/13/25 11:39	10/14/25 12:09	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		10/13/25 11:39	10/14/25 12:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/13/25 11:39	10/14/25 12:09	1
1,4-Difluorobenzene (Surr)	103		70 - 130	10/13/25 11:39	10/14/25 12:09	1

Eurofins Midland

Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99Job ID: 880-63720-1
SDG: 30202541

Client Sample ID: SB - 1 - 2'

Lab Sample ID: 880-63720-2

Date Collected: 10/08/25 09:50

Matrix: Solid

Date Received: 10/10/25 14:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			10/14/25 12:09	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	37.9	J	50.0	15.1	mg/Kg			10/14/25 20:26	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		10/10/25 16:49	10/14/25 20:26	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		10/10/25 16:49	10/14/25 20:26	1
Oil Range Organics (Over C28-C36)	37.9	J B	50.0	15.1	mg/Kg		10/10/25 16:49	10/14/25 20:26	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	87		70 - 130	10/10/25 16:49	10/14/25 20:26	1
o-Terphenyl	109		70 - 130	10/10/25 16:49	10/14/25 20:26	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	589		9.96	0.393	mg/Kg			10/22/25 11:43	1

Client Sample ID: SB - 2 - 5

Lab Sample ID: 880-63720-3

Date Collected: 10/08/25 10:30

Matrix: Solid

Date Received: 10/10/25 14:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		10/13/25 11:39	10/14/25 12:29	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		10/13/25 11:39	10/14/25 12:29	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg		10/13/25 11:39	10/14/25 12:29	1
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg		10/13/25 11:39	10/14/25 12:29	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		10/13/25 11:39	10/14/25 12:29	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		10/13/25 11:39	10/14/25 12:29	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/13/25 11:39	10/14/25 12:29	1
1,4-Difluorobenzene (Surr)	98		70 - 130	10/13/25 11:39	10/14/25 12:29	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			10/14/25 12:29	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	36.8	J	50.0	15.1	mg/Kg			10/14/25 20:42	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		10/10/25 16:49	10/14/25 20:42	1

Eurofins Midland

Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99Job ID: 880-63720-1
SDG: 30202541

Client Sample ID: SB - 2 - 5

Lab Sample ID: 880-63720-3

Date Collected: 10/08/25 10:30

Matrix: Solid

Date Received: 10/10/25 14:40

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		10/10/25 16:49	10/14/25 20:42	1
Oil Range Organics (Over C28-C36)	36.8	J B	50.0	15.1	mg/Kg		10/10/25 16:49	10/14/25 20:42	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130				10/10/25 16:49	10/14/25 20:42	1
o-Terphenyl	101		70 - 130				10/10/25 16:49	10/14/25 20:42	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	164		10.0	0.397	mg/Kg			10/13/25 13:01	1

Client Sample ID: SB - 2 - 2'

Lab Sample ID: 880-63720-4

Date Collected: 10/08/25 10:50

Matrix: Solid

Date Received: 10/10/25 14:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		10/13/25 11:39	10/14/25 12:50	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		10/13/25 11:39	10/14/25 12:50	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		10/13/25 11:39	10/14/25 12:50	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		10/13/25 11:39	10/14/25 12:50	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		10/13/25 11:39	10/14/25 12:50	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		10/13/25 11:39	10/14/25 12:50	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				10/13/25 11:39	10/14/25 12:50	1
1,4-Difluorobenzene (Surr)	100		70 - 130				10/13/25 11:39	10/14/25 12:50	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			10/14/25 12:50	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	60.3		49.9	15.1	mg/Kg			10/14/25 20:55	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	49.9	14.5	mg/Kg		10/10/25 16:49	10/14/25 20:55	1
Diesel Range Organics (Over C10-C28)	19.4	J	49.9	15.1	mg/Kg		10/10/25 16:49	10/14/25 20:55	1
Oil Range Organics (Over C28-C36)	40.9	J B	49.9	15.1	mg/Kg		10/10/25 16:49	10/14/25 20:55	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				10/10/25 16:49	10/14/25 20:55	1
o-Terphenyl	99		70 - 130				10/10/25 16:49	10/14/25 20:55	1

Eurofins Midland

Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Client Sample ID: SB - 2 - 2'
Date Collected: 10/08/25 10:50
Date Received: 10/10/25 14:40

Lab Sample ID: 880-63720-4
Matrix: Solid

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	794		10.1	0.399	mg/Kg			10/13/25 13:06	1

Client Sample ID: SB - 2 - 4'
Date Collected: 10/08/25 11:30
Date Received: 10/10/25 14:40

Lab Sample ID: 880-63720-5
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		10/13/25 11:39	10/14/25 13:10	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		10/13/25 11:39	10/14/25 13:10	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		10/13/25 11:39	10/14/25 13:10	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		10/13/25 11:39	10/14/25 13:10	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		10/13/25 11:39	10/14/25 13:10	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		10/13/25 11:39	10/14/25 13:10	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	10/13/25 11:39	10/14/25 13:10	1
1,4-Difluorobenzene (Surr)	101		70 - 130	10/13/25 11:39	10/14/25 13:10	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			10/14/25 13:10	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	34.2	J	50.0	15.1	mg/Kg			10/14/25 21:11	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		10/10/25 16:49	10/14/25 21:11	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		10/10/25 16:49	10/14/25 21:11	1
Oil Range Organics (Over C28-C36)	34.2	J B	50.0	15.1	mg/Kg		10/10/25 16:49	10/14/25 21:11	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	82		70 - 130	10/10/25 16:49	10/14/25 21:11	1
o-Terphenyl	105		70 - 130	10/10/25 16:49	10/14/25 21:11	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	267		10.1	0.398	mg/Kg			10/13/25 13:11	1

Client Sample ID: SB - 3 - 5
Date Collected: 10/08/25 11:50
Date Received: 10/10/25 14:40

Lab Sample ID: 880-63720-6
Matrix: Solid

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		10/13/25 11:39	10/14/25 13:31	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		10/13/25 11:39	10/14/25 13:31	1
Ethylbenzene	<0.00109	U	0.00201	0.00109	mg/Kg		10/13/25 11:39	10/14/25 13:31	1

Eurofins Midland

Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99Job ID: 880-63720-1
SDG: 30202541

Client Sample ID: SB - 3 - 5

Lab Sample ID: 880-63720-6

Date Collected: 10/08/25 11:50

Matrix: Solid

Date Received: 10/10/25 14:40

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
m-Xylene & p-Xylene	<0.00229	U	0.00402	0.00229	mg/Kg		10/13/25 11:39	10/14/25 13:31	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		10/13/25 11:39	10/14/25 13:31	1
Xylenes, Total	<0.00229	U	0.00402	0.00229	mg/Kg		10/13/25 11:39	10/14/25 13:31	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/13/25 11:39	10/14/25 13:31	1
1,4-Difluorobenzene (Surr)	101		70 - 130				10/13/25 11:39	10/14/25 13:31	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00402	0.00229	mg/Kg			10/14/25 13:31	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	31.0	J	49.8	15.1	mg/Kg			10/14/25 21:24	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	49.8	14.5	mg/Kg		10/10/25 16:49	10/14/25 21:24	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		10/10/25 16:49	10/14/25 21:24	1
Oil Range Organics (Over C28-C36)	31.0	J B	49.8	15.1	mg/Kg		10/10/25 16:49	10/14/25 21:24	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	89		70 - 130				10/10/25 16:49	10/14/25 21:24	1
o-Terphenyl	111		70 - 130				10/10/25 16:49	10/14/25 21:24	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	228		9.94	0.393	mg/Kg			10/13/25 13:17	1

Client Sample ID: SB - 3 - 2'

Lab Sample ID: 880-63720-7

Date Collected: 10/08/25 12:50

Matrix: Solid

Date Received: 10/10/25 14:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		10/13/25 11:39	10/14/25 13:51	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		10/13/25 11:39	10/14/25 13:51	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		10/13/25 11:39	10/14/25 13:51	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		10/13/25 11:39	10/14/25 13:51	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		10/13/25 11:39	10/14/25 13:51	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		10/13/25 11:39	10/14/25 13:51	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130				10/13/25 11:39	10/14/25 13:51	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/13/25 11:39	10/14/25 13:51	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			10/14/25 13:51	1

Eurofins Midland

Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Client Sample ID: SB - 3 - 2'

Lab Sample ID: 880-63720-7

Date Collected: 10/08/25 12:50

Matrix: Solid

Date Received: 10/10/25 14:40

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	27.3	J	49.8	15.1	mg/Kg			10/14/25 21:54	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	49.8	14.5	mg/Kg		10/10/25 16:49	10/14/25 21:54	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		10/10/25 16:49	10/14/25 21:54	1
Oil Range Organics (Over C28-C36)	27.3	J B	49.8	15.1	mg/Kg		10/10/25 16:49	10/14/25 21:54	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130				10/10/25 16:49	10/14/25 21:54	1
o-Terphenyl	101		70 - 130				10/10/25 16:49	10/14/25 21:54	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	801		9.92	0.392	mg/Kg			10/13/25 13:22	1

Client Sample ID: SB - 3 - 4'

Lab Sample ID: 880-63720-8

Date Collected: 10/08/25 13:20

Matrix: Solid

Date Received: 10/10/25 14:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		10/13/25 11:39	10/14/25 14:12	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		10/13/25 11:39	10/14/25 14:12	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		10/13/25 11:39	10/14/25 14:12	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		10/13/25 11:39	10/14/25 14:12	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		10/13/25 11:39	10/14/25 14:12	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		10/13/25 11:39	10/14/25 14:12	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	105		70 - 130				10/13/25 11:39	10/14/25 14:12	1
1,4-Difluorobenzene (Surr)	99		70 - 130				10/13/25 11:39	10/14/25 14:12	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			10/14/25 14:12	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	47.6	J	50.0	15.1	mg/Kg			10/14/25 22:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		10/10/25 16:49	10/14/25 22:09	1
Diesel Range Organics (Over C10-C28)	16.9	J	50.0	15.1	mg/Kg		10/10/25 16:49	10/14/25 22:09	1
Oil Range Organics (Over C28-C36)	30.7	J B	50.0	15.1	mg/Kg		10/10/25 16:49	10/14/25 22:09	1

Eurofins Midland

Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Client Sample ID: SB - 3 - 4'

Lab Sample ID: 880-63720-8

Date Collected: 10/08/25 13:20

Matrix: Solid

Date Received: 10/10/25 14:40

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	80		70 - 130	10/10/25 16:49	10/14/25 22:09	1
o-Terphenyl	100		70 - 130	10/10/25 16:49	10/14/25 22:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	525		9.96	0.393	mg/Kg			10/13/25 13:27	1

Client Sample ID: SB - 4 - 5

Lab Sample ID: 880-63720-9

Date Collected: 10/08/25 14:00

Matrix: Solid

Date Received: 10/10/25 14:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		10/13/25 11:39	10/14/25 14:32	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		10/13/25 11:39	10/14/25 14:32	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		10/13/25 11:39	10/14/25 14:32	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		10/13/25 11:39	10/14/25 14:32	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		10/13/25 11:39	10/14/25 14:32	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		10/13/25 11:39	10/14/25 14:32	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	100		70 - 130	10/13/25 11:39	10/14/25 14:32	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/13/25 11:39	10/14/25 14:32	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			10/14/25 14:32	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	814		49.8	15.1	mg/Kg			10/14/25 22:22	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	49.8	14.5	mg/Kg		10/10/25 16:49	10/14/25 22:22	1
Diesel Range Organics (Over C10-C28)	640		49.8	15.1	mg/Kg		10/10/25 16:49	10/14/25 22:22	1
Oil Range Organics (Over C28-C36)	174	B	49.8	15.1	mg/Kg		10/10/25 16:49	10/14/25 22:22	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	10/10/25 16:49	10/14/25 22:22	1
o-Terphenyl	103		70 - 130	10/10/25 16:49	10/14/25 22:22	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	307		9.98	0.394	mg/Kg			10/13/25 13:32	1

Eurofins Midland

Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Client Sample ID: SB - 4 - 2'

Lab Sample ID: 880-63720-10

Date Collected: 10/08/25 14:20

Matrix: Solid

Date Received: 10/10/25 14:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		10/13/25 11:39	10/14/25 14:53	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		10/13/25 11:39	10/14/25 14:53	1
Ethylbenzene	<0.00110	U	0.00201	0.00110	mg/Kg		10/13/25 11:39	10/14/25 14:53	1
m-Xylene & p-Xylene	<0.00230	U	0.00402	0.00230	mg/Kg		10/13/25 11:39	10/14/25 14:53	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		10/13/25 11:39	10/14/25 14:53	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg		10/13/25 11:39	10/14/25 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130	10/13/25 11:39	10/14/25 14:53	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/13/25 11:39	10/14/25 14:53	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00402	0.00230	mg/Kg			10/14/25 14:53	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	783		49.9	15.1	mg/Kg			10/14/25 22:37	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	49.9	14.5	mg/Kg		10/10/25 16:49	10/14/25 22:37	1
Diesel Range Organics (Over C10-C28)	632		49.9	15.1	mg/Kg		10/10/25 16:49	10/14/25 22:37	1
Oil Range Organics (Over C28-C36)	151	B	49.9	15.1	mg/Kg		10/10/25 16:49	10/14/25 22:37	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	10/10/25 16:49	10/14/25 22:37	1
o-Terphenyl	106		70 - 130	10/10/25 16:49	10/14/25 22:37	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	205	F1	10.1	0.398	mg/Kg			10/13/25 18:58	1

Client Sample ID: SB - 5 - 5

Lab Sample ID: 880-63720-11

Date Collected: 10/08/25 15:00

Matrix: Solid

Date Received: 10/10/25 14:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00202	0.00140	mg/Kg		10/13/25 11:39	10/14/25 16:25	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		10/13/25 11:39	10/14/25 16:25	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		10/13/25 11:39	10/14/25 16:25	1
m-Xylene & p-Xylene	<0.00230	U	0.00403	0.00230	mg/Kg		10/13/25 11:39	10/14/25 16:25	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		10/13/25 11:39	10/14/25 16:25	1
Xylenes, Total	<0.00230	U	0.00403	0.00230	mg/Kg		10/13/25 11:39	10/14/25 16:25	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130	10/13/25 11:39	10/14/25 16:25	1
1,4-Difluorobenzene (Surr)	96		70 - 130	10/13/25 11:39	10/14/25 16:25	1

Eurofins Midland

Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Client Sample ID: SB - 5 - 5

Lab Sample ID: 880-63720-11

Date Collected: 10/08/25 15:00

Matrix: Solid

Date Received: 10/10/25 14:40

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00403	0.00230	mg/Kg			10/14/25 16:25	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	154		50.0	15.1	mg/Kg			10/14/25 22:52	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		10/10/25 16:49	10/14/25 22:52	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		10/10/25 16:49	10/14/25 22:52	1
Oil Range Organics (Over C28-C36)	154	B	50.0	15.1	mg/Kg		10/10/25 16:49	10/14/25 22:52	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	78		70 - 130	10/10/25 16:49	10/14/25 22:52	1
o-Terphenyl	99		70 - 130	10/10/25 16:49	10/14/25 22:52	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	189		10.0	0.397	mg/Kg			10/13/25 19:16	1

Client Sample ID: SB - 5 - 2'

Lab Sample ID: 880-63720-12

Date Collected: 10/08/25 15:30

Matrix: Solid

Date Received: 10/10/25 14:40

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		10/13/25 11:39	10/14/25 16:46	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		10/13/25 11:39	10/14/25 16:46	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		10/13/25 11:39	10/14/25 16:46	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		10/13/25 11:39	10/14/25 16:46	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		10/13/25 11:39	10/14/25 16:46	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		10/13/25 11:39	10/14/25 16:46	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	107		70 - 130	10/13/25 11:39	10/14/25 16:46	1
1,4-Difluorobenzene (Surr)	100		70 - 130	10/13/25 11:39	10/14/25 16:46	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			10/14/25 16:46	1

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	111		49.8	15.1	mg/Kg			10/14/25 23:06	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	49.8	14.5	mg/Kg		10/10/25 16:49	10/14/25 23:06	1

Eurofins Midland

Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Client Sample ID: SB - 5 - 2'
Date Collected: 10/08/25 15:30
Date Received: 10/10/25 14:40

Lab Sample ID: 880-63720-12
Matrix: Solid

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		10/10/25 16:49	10/14/25 23:06	1
Oil Range Organics (Over C28-C36)	111	B	49.8	15.1	mg/Kg		10/10/25 16:49	10/14/25 23:06	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	83		70 - 130	10/10/25 16:49	10/14/25 23:06	1
o-Terphenyl	104		70 - 130	10/10/25 16:49	10/14/25 23:06	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	704		10.1	0.399	mg/Kg			10/13/25 19:22	1

Surrogate Summary

Client: Arcadis US Inc.
Project/Site: WLU 99Job ID: 880-63720-1
SDG: 30202541

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-63720-1	SB - 1 - 5	107	99
880-63720-1 MS	SB - 1 - 5	105	107
880-63720-1 MSD	SB - 1 - 5	95	102
880-63720-2	SB - 1 - 2'	103	103
880-63720-3	SB - 2 - 5	103	98
880-63720-4	SB - 2 - 2'	106	100
880-63720-5	SB - 2 - 4'	108	101
880-63720-6	SB - 3 - 5	105	101
880-63720-7	SB - 3 - 2'	103	99
880-63720-8	SB - 3 - 4'	105	99
880-63720-9	SB - 4 - 5	100	100
880-63720-10	SB - 4 - 2'	101	100
880-63720-11	SB - 5 - 5	106	96
880-63720-12	SB - 5 - 2'	107	100
LCS 880-121066/1-A	Lab Control Sample	99	101
LCSD 880-121066/2-A	Lab Control Sample Dup	98	100
MB 880-121066/5-A	Method Blank	103	92

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)

DFBZ = 1,4-Difluorobenzene (Surr)

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

Matrix: Solid

Prep Type: Total/NA

Percent Surrogate Recovery (Acceptance Limits)

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-63720-1	SB - 1 - 5	84	106
880-63720-2	SB - 1 - 2'	87	109
880-63720-3	SB - 2 - 5	80	101
880-63720-4	SB - 2 - 2'	76	99
880-63720-5	SB - 2 - 4'	82	105
880-63720-6	SB - 3 - 5	89	111
880-63720-7	SB - 3 - 2'	79	101
880-63720-8	SB - 3 - 4'	80	100
880-63720-9	SB - 4 - 5	78	103
880-63720-10	SB - 4 - 2'	79	106
880-63720-11	SB - 5 - 5	78	99
880-63720-12	SB - 5 - 2'	83	104
LCS 880-121007/2-A	Lab Control Sample	96	105
LCSD 880-121007/3-A	Lab Control Sample Dup	96	105
MB 880-121007/1-A	Method Blank	79	98

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

Eurofins Midland

QC Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: MB 880-121066/5-A
Matrix: Solid
Analysis Batch: 121115

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 121066

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		10/13/25 11:39	10/14/25 11:27	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		10/13/25 11:39	10/14/25 11:27	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		10/13/25 11:39	10/14/25 11:27	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		10/13/25 11:39	10/14/25 11:27	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		10/13/25 11:39	10/14/25 11:27	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		10/13/25 11:39	10/14/25 11:27	1

Surrogate	MB %Recovery	MB Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	103		70 - 130	10/13/25 11:39	10/14/25 11:27	1
1,4-Difluorobenzene (Surr)	92		70 - 130	10/13/25 11:39	10/14/25 11:27	1

Lab Sample ID: LCS 880-121066/1-A
Matrix: Solid
Analysis Batch: 121115

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121066

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	0.100	0.1018		mg/Kg		102	70 - 130
Toluene	0.100	0.09148		mg/Kg		91	70 - 130
Ethylbenzene	0.100	0.09279		mg/Kg		93	70 - 130
m-Xylene & p-Xylene	0.200	0.1920		mg/Kg		96	70 - 130
o-Xylene	0.100	0.09349		mg/Kg		93	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	99		70 - 130
1,4-Difluorobenzene (Surr)	101		70 - 130

Lab Sample ID: LCSD 880-121066/2-A
Matrix: Solid
Analysis Batch: 121115

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121066

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.09449		mg/Kg		94	70 - 130	7	35
Toluene	0.100	0.08538		mg/Kg		85	70 - 130	7	35
Ethylbenzene	0.100	0.08600		mg/Kg		86	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1765		mg/Kg		88	70 - 130	8	35
o-Xylene	0.100	0.08711		mg/Kg		87	70 - 130	7	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	98		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: 880-63720-1 MS
Matrix: Solid
Analysis Batch: 121115

Client Sample ID: SB - 1 - 5
Prep Type: Total/NA
Prep Batch: 121066

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Benzene	<0.00139	U	0.100	0.1064		mg/Kg		106	70 - 130
Toluene	<0.00200	U	0.100	0.09347		mg/Kg		93	70 - 130

Eurofins Midland

QC Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: 880-63720-1 MS

Client Sample ID: SB - 1 - 5

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 121115

Prep Batch: 121066

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	<0.00109	U	0.100	0.09361		mg/Kg		94	70 - 130
m-Xylene & p-Xylene	<0.00229	U	0.200	0.1925		mg/Kg		96	70 - 130
o-Xylene	<0.00158	U	0.100	0.09283		mg/Kg		93	70 - 130

Surrogate	MS %Recovery	MS Qualifier	MS Limits
4-Bromofluorobenzene (Surr)	105		70 - 130
1,4-Difluorobenzene (Surr)	107		70 - 130

Lab Sample ID: 880-63720-1 MSD

Client Sample ID: SB - 1 - 5

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 121115

Prep Batch: 121066

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	<0.00139	U	0.100	0.1057		mg/Kg		106	70 - 130	1	35
Toluene	<0.00200	U	0.100	0.09450		mg/Kg		95	70 - 130	1	35
Ethylbenzene	<0.00109	U	0.100	0.09317		mg/Kg		93	70 - 130	0	35
m-Xylene & p-Xylene	<0.00229	U	0.200	0.1901		mg/Kg		95	70 - 130	1	35
o-Xylene	<0.00158	U	0.100	0.09195		mg/Kg		92	70 - 130	1	35

Surrogate	MSD %Recovery	MSD Qualifier	MSD Limits
4-Bromofluorobenzene (Surr)	95		70 - 130
1,4-Difluorobenzene (Surr)	102		70 - 130

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

Lab Sample ID: MB 880-121007/1-A

Client Sample ID: Method Blank

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 121068

Prep Batch: 121007

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	<14.5	U	50.0	14.5	mg/Kg		10/10/25 16:49	10/14/25 17:50	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		10/10/25 16:49	10/14/25 17:50	1
Oil Range Organics (Over C28-C36)	17.21	J	50.0	15.1	mg/Kg		10/10/25 16:49	10/14/25 17:50	1

Surrogate	MB %Recovery	MB Qualifier	MB Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	79		70 - 130	10/10/25 16:49	10/14/25 17:50	1
o-Terphenyl	98		70 - 130	10/10/25 16:49	10/14/25 17:50	1

Lab Sample ID: LCS 880-121007/2-A

Client Sample ID: Lab Control Sample

Matrix: Solid

Prep Type: Total/NA

Analysis Batch: 121068

Prep Batch: 121007

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Gasoline Range Organics (GRO)-C6-C10	1000	880.5		mg/Kg		88	70 - 130
Diesel Range Organics (Over C10-C28)	1000	1007		mg/Kg		101	70 - 130

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QC Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

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

Lab Sample ID: LCS 880-121007/2-A
Matrix: Solid
Analysis Batch: 121068

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 121007

Surrogate	LCS %Recovery	LCS Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	105		70 - 130

Lab Sample ID: LCSD 880-121007/3-A
Matrix: Solid
Analysis Batch: 121068

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 121007

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Gasoline Range Organics (GRO)-C6-C10	1000	872.4		mg/Kg		87	70 - 130	1	20
Diesel Range Organics (Over C10-C28)	1000	972.2		mg/Kg		97	70 - 130	3	20

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
1-Chlorooctane	96		70 - 130
o-Terphenyl	105		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-121006/1-A
Matrix: Solid
Analysis Batch: 121041

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			10/13/25 10:55	1

Lab Sample ID: LCS 880-121006/2-A
Matrix: Solid
Analysis Batch: 121041

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	254.1		mg/Kg		102	90 - 110

Lab Sample ID: LCSD 880-121006/3-A
Matrix: Solid
Analysis Batch: 121041

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	255.5		mg/Kg		102	90 - 110	1	20

Lab Sample ID: MB 880-121043/1-A
Matrix: Solid
Analysis Batch: 121087

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			10/13/25 18:40	1

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QC Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-121043/2-A
Matrix: Solid
Analysis Batch: 121087

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	273.7		mg/Kg		109	90 - 110

Lab Sample ID: LCSD 880-121043/3-A
Matrix: Solid
Analysis Batch: 121087

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	274.8		mg/Kg		110	90 - 110	0	20

Lab Sample ID: 880-63720-10 MS
Matrix: Solid
Analysis Batch: 121087

Client Sample ID: SB - 4 - 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	205	F1	252	501.4	F1	mg/Kg		118	90 - 110

Lab Sample ID: 880-63720-10 MSD
Matrix: Solid
Analysis Batch: 121087

Client Sample ID: SB - 4 - 2'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	205	F1	252	489.1	F1	mg/Kg		113	90 - 110	2	20

Lab Sample ID: MB 880-121739/1-A
Matrix: Solid
Analysis Batch: 121755

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	<0.395	U	10.0	0.395	mg/Kg			10/22/25 08:57	1

Lab Sample ID: LCS 880-121739/2-A
Matrix: Solid
Analysis Batch: 121755

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	232.3		mg/Kg		93	90 - 110

Lab Sample ID: LCSD 880-121739/3-A
Matrix: Solid
Analysis Batch: 121755

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	234.8		mg/Kg		94	90 - 110	1	20

QC Association Summary

Client: Arcadis US Inc.
Project/Site: WLU 99Job ID: 880-63720-1
SDG: 30202541

GC VOA

Prep Batch: 121066

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63720-1	SB - 1 - 5	Total/NA	Solid	5030B	
880-63720-2	SB - 1 - 2'	Total/NA	Solid	5030B	
880-63720-3	SB - 2 - 5	Total/NA	Solid	5030B	
880-63720-4	SB - 2 - 2'	Total/NA	Solid	5030B	
880-63720-5	SB - 2 - 4'	Total/NA	Solid	5030B	
880-63720-6	SB - 3 - 5	Total/NA	Solid	5030B	
880-63720-7	SB - 3 - 2'	Total/NA	Solid	5030B	
880-63720-8	SB - 3 - 4'	Total/NA	Solid	5030B	
880-63720-9	SB - 4 - 5	Total/NA	Solid	5030B	
880-63720-10	SB - 4 - 2'	Total/NA	Solid	5030B	
880-63720-11	SB - 5 - 5	Total/NA	Solid	5030B	
880-63720-12	SB - 5 - 2'	Total/NA	Solid	5030B	
MB 880-121066/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-121066/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-121066/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	
880-63720-1 MS	SB - 1 - 5	Total/NA	Solid	5030B	
880-63720-1 MSD	SB - 1 - 5	Total/NA	Solid	5030B	

Analysis Batch: 121115

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63720-1	SB - 1 - 5	Total/NA	Solid	8021B	121066
880-63720-2	SB - 1 - 2'	Total/NA	Solid	8021B	121066
880-63720-3	SB - 2 - 5	Total/NA	Solid	8021B	121066
880-63720-4	SB - 2 - 2'	Total/NA	Solid	8021B	121066
880-63720-5	SB - 2 - 4'	Total/NA	Solid	8021B	121066
880-63720-6	SB - 3 - 5	Total/NA	Solid	8021B	121066
880-63720-7	SB - 3 - 2'	Total/NA	Solid	8021B	121066
880-63720-8	SB - 3 - 4'	Total/NA	Solid	8021B	121066
880-63720-9	SB - 4 - 5	Total/NA	Solid	8021B	121066
880-63720-10	SB - 4 - 2'	Total/NA	Solid	8021B	121066
880-63720-11	SB - 5 - 5	Total/NA	Solid	8021B	121066
880-63720-12	SB - 5 - 2'	Total/NA	Solid	8021B	121066
MB 880-121066/5-A	Method Blank	Total/NA	Solid	8021B	121066
LCS 880-121066/1-A	Lab Control Sample	Total/NA	Solid	8021B	121066
LCSD 880-121066/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	121066
880-63720-1 MS	SB - 1 - 5	Total/NA	Solid	8021B	121066
880-63720-1 MSD	SB - 1 - 5	Total/NA	Solid	8021B	121066

Analysis Batch: 121252

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63720-1	SB - 1 - 5	Total/NA	Solid	Total BTEX	
880-63720-2	SB - 1 - 2'	Total/NA	Solid	Total BTEX	
880-63720-3	SB - 2 - 5	Total/NA	Solid	Total BTEX	
880-63720-4	SB - 2 - 2'	Total/NA	Solid	Total BTEX	
880-63720-5	SB - 2 - 4'	Total/NA	Solid	Total BTEX	
880-63720-6	SB - 3 - 5	Total/NA	Solid	Total BTEX	
880-63720-7	SB - 3 - 2'	Total/NA	Solid	Total BTEX	
880-63720-8	SB - 3 - 4'	Total/NA	Solid	Total BTEX	
880-63720-9	SB - 4 - 5	Total/NA	Solid	Total BTEX	
880-63720-10	SB - 4 - 2'	Total/NA	Solid	Total BTEX	
880-63720-11	SB - 5 - 5	Total/NA	Solid	Total BTEX	

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QC Association Summary

Client: Arcadis US Inc.
Project/Site: WLU 99Job ID: 880-63720-1
SDG: 30202541

GC VOA (Continued)

Analysis Batch: 121252 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63720-12	SB - 5 - 2'	Total/NA	Solid	Total BTEX	

GC Semi VOA

Prep Batch: 121007

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63720-1	SB - 1 - 5	Total/NA	Solid	8015NM Prep	
880-63720-2	SB - 1 - 2'	Total/NA	Solid	8015NM Prep	
880-63720-3	SB - 2 - 5	Total/NA	Solid	8015NM Prep	
880-63720-4	SB - 2 - 2'	Total/NA	Solid	8015NM Prep	
880-63720-5	SB - 2 - 4'	Total/NA	Solid	8015NM Prep	
880-63720-6	SB - 3 - 5	Total/NA	Solid	8015NM Prep	
880-63720-7	SB - 3 - 2'	Total/NA	Solid	8015NM Prep	
880-63720-8	SB - 3 - 4'	Total/NA	Solid	8015NM Prep	
880-63720-9	SB - 4 - 5	Total/NA	Solid	8015NM Prep	
880-63720-10	SB - 4 - 2'	Total/NA	Solid	8015NM Prep	
880-63720-11	SB - 5 - 5	Total/NA	Solid	8015NM Prep	
880-63720-12	SB - 5 - 2'	Total/NA	Solid	8015NM Prep	
MB 880-121007/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-121007/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-121007/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 121068

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63720-1	SB - 1 - 5	Total/NA	Solid	8015B NM	121007
880-63720-2	SB - 1 - 2'	Total/NA	Solid	8015B NM	121007
880-63720-3	SB - 2 - 5	Total/NA	Solid	8015B NM	121007
880-63720-4	SB - 2 - 2'	Total/NA	Solid	8015B NM	121007
880-63720-5	SB - 2 - 4'	Total/NA	Solid	8015B NM	121007
880-63720-6	SB - 3 - 5	Total/NA	Solid	8015B NM	121007
880-63720-7	SB - 3 - 2'	Total/NA	Solid	8015B NM	121007
880-63720-8	SB - 3 - 4'	Total/NA	Solid	8015B NM	121007
880-63720-9	SB - 4 - 5	Total/NA	Solid	8015B NM	121007
880-63720-10	SB - 4 - 2'	Total/NA	Solid	8015B NM	121007
880-63720-11	SB - 5 - 5	Total/NA	Solid	8015B NM	121007
880-63720-12	SB - 5 - 2'	Total/NA	Solid	8015B NM	121007
MB 880-121007/1-A	Method Blank	Total/NA	Solid	8015B NM	121007
LCS 880-121007/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	121007
LCSD 880-121007/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	121007

Analysis Batch: 121226

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63720-1	SB - 1 - 5	Total/NA	Solid	8015 NM	
880-63720-2	SB - 1 - 2'	Total/NA	Solid	8015 NM	
880-63720-3	SB - 2 - 5	Total/NA	Solid	8015 NM	
880-63720-4	SB - 2 - 2'	Total/NA	Solid	8015 NM	
880-63720-5	SB - 2 - 4'	Total/NA	Solid	8015 NM	
880-63720-6	SB - 3 - 5	Total/NA	Solid	8015 NM	
880-63720-7	SB - 3 - 2'	Total/NA	Solid	8015 NM	
880-63720-8	SB - 3 - 4'	Total/NA	Solid	8015 NM	
880-63720-9	SB - 4 - 5	Total/NA	Solid	8015 NM	

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QC Association Summary

Client: Arcadis US Inc.
Project/Site: WLU 99Job ID: 880-63720-1
SDG: 30202541

GC Semi VOA (Continued)

Analysis Batch: 121226 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63720-10	SB - 4 - 2'	Total/NA	Solid	8015 NM	
880-63720-11	SB - 5 - 5	Total/NA	Solid	8015 NM	
880-63720-12	SB - 5 - 2'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 121006

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63720-1	SB - 1 - 5	Soluble	Solid	DI Leach	
880-63720-3	SB - 2 - 5	Soluble	Solid	DI Leach	
880-63720-4	SB - 2 - 2'	Soluble	Solid	DI Leach	
880-63720-5	SB - 2 - 4'	Soluble	Solid	DI Leach	
880-63720-6	SB - 3 - 5	Soluble	Solid	DI Leach	
880-63720-7	SB - 3 - 2'	Soluble	Solid	DI Leach	
880-63720-8	SB - 3 - 4'	Soluble	Solid	DI Leach	
880-63720-9	SB - 4 - 5	Soluble	Solid	DI Leach	
MB 880-121006/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121006/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121006/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 121041

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63720-1	SB - 1 - 5	Soluble	Solid	300.0	121006
880-63720-3	SB - 2 - 5	Soluble	Solid	300.0	121006
880-63720-4	SB - 2 - 2'	Soluble	Solid	300.0	121006
880-63720-5	SB - 2 - 4'	Soluble	Solid	300.0	121006
880-63720-6	SB - 3 - 5	Soluble	Solid	300.0	121006
880-63720-7	SB - 3 - 2'	Soluble	Solid	300.0	121006
880-63720-8	SB - 3 - 4'	Soluble	Solid	300.0	121006
880-63720-9	SB - 4 - 5	Soluble	Solid	300.0	121006
MB 880-121006/1-A	Method Blank	Soluble	Solid	300.0	121006
LCS 880-121006/2-A	Lab Control Sample	Soluble	Solid	300.0	121006
LCSD 880-121006/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121006

Leach Batch: 121043

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63720-10	SB - 4 - 2'	Soluble	Solid	DI Leach	
880-63720-11	SB - 5 - 5	Soluble	Solid	DI Leach	
880-63720-12	SB - 5 - 2'	Soluble	Solid	DI Leach	
MB 880-121043/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121043/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121043/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-63720-10 MS	SB - 4 - 2'	Soluble	Solid	DI Leach	
880-63720-10 MSD	SB - 4 - 2'	Soluble	Solid	DI Leach	

Analysis Batch: 121087

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63720-10	SB - 4 - 2'	Soluble	Solid	300.0	121043
880-63720-11	SB - 5 - 5	Soluble	Solid	300.0	121043
880-63720-12	SB - 5 - 2'	Soluble	Solid	300.0	121043
MB 880-121043/1-A	Method Blank	Soluble	Solid	300.0	121043

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QC Association Summary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

HPLC/IC (Continued)

Analysis Batch: 121087 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
LCS 880-121043/2-A	Lab Control Sample	Soluble	Solid	300.0	121043
LCSD 880-121043/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121043
880-63720-10 MS	SB - 4 - 2'	Soluble	Solid	300.0	121043
880-63720-10 MSD	SB - 4 - 2'	Soluble	Solid	300.0	121043

Leach Batch: 121739

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63720-2	SB - 1 - 2'	Soluble	Solid	DI Leach	
MB 880-121739/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-121739/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-121739/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	

Analysis Batch: 121755

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-63720-2	SB - 1 - 2'	Soluble	Solid	300.0	121739
MB 880-121739/1-A	Method Blank	Soluble	Solid	300.0	121739
LCS 880-121739/2-A	Lab Control Sample	Soluble	Solid	300.0	121739
LCSD 880-121739/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	121739

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Client Sample ID: SB - 1 - 5

Lab Sample ID: 880-63720-1

Date Collected: 10/08/25 09:30

Matrix: Solid

Date Received: 10/10/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.00 g	5 mL	121066	10/13/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121115	10/14/25 11:48	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121252	10/14/25 11:48	SA	EET MID
Total/NA	Analysis	8015 NM		1			121226	10/14/25 20:13	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121007	10/10/25 16:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/14/25 20:13	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	121006	10/10/25 16:49	SA	EET MID
Soluble	Analysis	300.0		1			121041	10/13/25 12:40	CS	EET MID

Client Sample ID: SB - 1 - 2'

Lab Sample ID: 880-63720-2

Date Collected: 10/08/25 09:50

Matrix: Solid

Date Received: 10/10/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.01 g	5 mL	121066	10/13/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121115	10/14/25 12:09	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121252	10/14/25 12:09	SA	EET MID
Total/NA	Analysis	8015 NM		1			121226	10/14/25 20:26	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121007	10/10/25 16:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/14/25 20:26	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121739	10/22/25 07:49	SA	EET MID
Soluble	Analysis	300.0		1	10 mL	10 mL	121755	10/22/25 11:43	CS	EET MID

Client Sample ID: SB - 2 - 5

Lab Sample ID: 880-63720-3

Date Collected: 10/08/25 10:30

Matrix: Solid

Date Received: 10/10/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.98 g	5 mL	121066	10/13/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121115	10/14/25 12:29	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121252	10/14/25 12:29	SA	EET MID
Total/NA	Analysis	8015 NM		1			121226	10/14/25 20:42	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121007	10/10/25 16:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/14/25 20:42	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121006	10/10/25 16:49	SA	EET MID
Soluble	Analysis	300.0		1			121041	10/13/25 13:01	CS	EET MID

Client Sample ID: SB - 2 - 2'

Lab Sample ID: 880-63720-4

Date Collected: 10/08/25 10:50

Matrix: Solid

Date Received: 10/10/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.03 g	5 mL	121066	10/13/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121115	10/14/25 12:50	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121252	10/14/25 12:50	SA	EET MID

Eurofins Midland

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Client Sample ID: SB - 2 - 2'
Date Collected: 10/08/25 10:50
Date Received: 10/10/25 14:40

Lab Sample ID: 880-63720-4
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	8015 NM		1			121226	10/14/25 20:55	SA	EET MID
Total/NA	Prep	8015NM Prep			10.02 g	10 mL	121007	10/10/25 16:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/14/25 20:55	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121006	10/10/25 16:49	SA	EET MID
Soluble	Analysis	300.0		1			121041	10/13/25 13:06	CS	EET MID

Client Sample ID: SB - 2 - 4'
Date Collected: 10/08/25 11:30
Date Received: 10/10/25 14:40

Lab Sample ID: 880-63720-5
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.01 g	5 mL	121066	10/13/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121115	10/14/25 13:10	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121252	10/14/25 13:10	SA	EET MID
Total/NA	Analysis	8015 NM		1			121226	10/14/25 21:11	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121007	10/10/25 16:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/14/25 21:11	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121006	10/10/25 16:49	SA	EET MID
Soluble	Analysis	300.0		1			121041	10/13/25 13:11	CS	EET MID

Client Sample ID: SB - 3 - 5
Date Collected: 10/08/25 11:50
Date Received: 10/10/25 14:40

Lab Sample ID: 880-63720-6
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.98 g	5 mL	121066	10/13/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121115	10/14/25 13:31	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121252	10/14/25 13:31	SA	EET MID
Total/NA	Analysis	8015 NM		1			121226	10/14/25 21:24	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121007	10/10/25 16:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/14/25 21:24	FC	EET MID
Soluble	Leach	DI Leach			5.03 g	50 mL	121006	10/10/25 16:49	SA	EET MID
Soluble	Analysis	300.0		1			121041	10/13/25 13:17	CS	EET MID

Client Sample ID: SB - 3 - 2'
Date Collected: 10/08/25 12:50
Date Received: 10/10/25 14:40

Lab Sample ID: 880-63720-7
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.95 g	5 mL	121066	10/13/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121115	10/14/25 13:51	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121252	10/14/25 13:51	SA	EET MID
Total/NA	Analysis	8015 NM		1			121226	10/14/25 21:54	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10 mL	121007	10/10/25 16:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/14/25 21:54	FC	EET MID

Eurofins Midland

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Client Sample ID: SB - 3 - 2'

Lab Sample ID: 880-63720-7

Date Collected: 10/08/25 12:50

Matrix: Solid

Date Received: 10/10/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Soluble	Leach	DI Leach			5.04 g	50 mL	121006	10/10/25 16:49	SA	EET MID
Soluble	Analysis	300.0		1			121041	10/13/25 13:22	CS	EET MID

Client Sample ID: SB - 3 - 4'

Lab Sample ID: 880-63720-8

Date Collected: 10/08/25 13:20

Matrix: Solid

Date Received: 10/10/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.03 g	5 mL	121066	10/13/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121115	10/14/25 14:12	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121252	10/14/25 14:12	SA	EET MID
Total/NA	Analysis	8015 NM		1			121226	10/14/25 22:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121007	10/10/25 16:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/14/25 22:09	FC	EET MID
Soluble	Leach	DI Leach			5.02 g	50 mL	121006	10/10/25 16:49	SA	EET MID
Soluble	Analysis	300.0		1			121041	10/13/25 13:27	CS	EET MID

Client Sample ID: SB - 4 - 5

Lab Sample ID: 880-63720-9

Date Collected: 10/08/25 14:00

Matrix: Solid

Date Received: 10/10/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.01 g	5 mL	121066	10/13/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121115	10/14/25 14:32	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121252	10/14/25 14:32	SA	EET MID
Total/NA	Analysis	8015 NM		1			121226	10/14/25 22:22	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121007	10/10/25 16:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/14/25 22:22	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	121006	10/10/25 16:49	SA	EET MID
Soluble	Analysis	300.0		1			121041	10/13/25 13:32	CS	EET MID

Client Sample ID: SB - 4 - 2'

Lab Sample ID: 880-63720-10

Date Collected: 10/08/25 14:20

Matrix: Solid

Date Received: 10/10/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.97 g	5 mL	121066	10/13/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121115	10/14/25 14:53	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121252	10/14/25 14:53	SA	EET MID
Total/NA	Analysis	8015 NM		1			121226	10/14/25 22:37	SA	EET MID
Total/NA	Prep	8015NM Prep			10.03 g	10 mL	121007	10/10/25 16:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/14/25 22:37	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	121043	10/13/25 09:59	SA	EET MID
Soluble	Analysis	300.0		1			121087	10/13/25 18:58	CS	EET MID

Eurofins Midland

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Client Sample ID: SB - 5 - 5

Lab Sample ID: 880-63720-11

Date Collected: 10/08/25 15:00

Matrix: Solid

Date Received: 10/10/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.96 g	5 mL	121066	10/13/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121115	10/14/25 16:25	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121252	10/14/25 16:25	SA	EET MID
Total/NA	Analysis	8015 NM		1			121226	10/14/25 22:52	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10 mL	121007	10/10/25 16:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/14/25 22:52	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	121043	10/13/25 09:59	SA	EET MID
Soluble	Analysis	300.0		1			121087	10/13/25 19:16	CS	EET MID

Client Sample ID: SB - 5 - 2'

Lab Sample ID: 880-63720-12

Date Collected: 10/08/25 15:30

Matrix: Solid

Date Received: 10/10/25 14:40

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.03 g	5 mL	121066	10/13/25 11:39	AA	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	121115	10/14/25 16:46	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			121252	10/14/25 16:46	SA	EET MID
Total/NA	Analysis	8015 NM		1			121226	10/14/25 23:06	SA	EET MID
Total/NA	Prep	8015NM Prep			10.04 g	10 mL	121007	10/10/25 16:49	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	121068	10/14/25 23:06	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	121043	10/13/25 09:59	SA	EET MID
Soluble	Analysis	300.0		1			121087	10/13/25 19:22	CS	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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
8015 NM		Solid	Total TPH
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13
- 14

Method Summary

Client: Arcadis US Inc.
 Project/Site: WLU 99

Job ID: 880-63720-1
 SDG: 30202541

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
5030B	Purge and Trap	SW846	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

- ASTM = ASTM International
- EPA = US Environmental Protection Agency
- SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
- TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

- EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-63720-1
SDG: 30202541

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-63720-1	SB - 1 - 5	Solid	10/08/25 09:30	10/10/25 14:40	Texas
880-63720-2	SB - 1 - 2'	Solid	10/08/25 09:50	10/10/25 14:40	Texas
880-63720-3	SB - 2 - 5	Solid	10/08/25 10:30	10/10/25 14:40	Texas
880-63720-4	SB - 2 - 2'	Solid	10/08/25 10:50	10/10/25 14:40	Texas
880-63720-5	SB - 2 - 4'	Solid	10/08/25 11:30	10/10/25 14:40	Texas
880-63720-6	SB - 3 - 5	Solid	10/08/25 11:50	10/10/25 14:40	Texas
880-63720-7	SB - 3 - 2'	Solid	10/08/25 12:50	10/10/25 14:40	Texas
880-63720-8	SB - 3 - 4'	Solid	10/08/25 13:20	10/10/25 14:40	Texas
880-63720-9	SB - 4 - 5	Solid	10/08/25 14:00	10/10/25 14:40	Texas
880-63720-10	SB - 4 - 2'	Solid	10/08/25 14:20	10/10/25 14:40	Texas
880-63720-11	SB - 5 - 5	Solid	10/08/25 15:00	10/10/25 14:40	Texas
880-63720-12	SB - 5 - 2'	Solid	10/08/25 15:30	10/10/25 14:40	Texas

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Eurofins Midland
 1211 W. Florida Ave
 Midland, TX 79701
 Phone: 432-704-5440

Chain of Custody Record

3120



Environment Testing

Client Information		Sampler: Heath Boyd		Lab Pk.: Bules, John		Carrier Tracking No(s):		COC No: 880-1167-1628.2	
Client Contact: Mr. Morgan Jordan		Phone: 575-942-0792		E-Mail: John.Bules@et.eurofins.com		State of Origin: NM		Page: 1052	
Company: Arcadis US Inc.		Address: 1004 North Big Spring Suite 300		PWSID:		Analysis Requested:		Job #: 1052	
City: Midland		TAT Requested (days): Standard		Due Date Requested:		Preservation Codes: N - None		Other: 880-63720 Chain of Custody	
State, Zip: TX, 79701		Compliance Project: Δ Yes Δ No		Purchase Order Requested		Barcode: 			
Phone: 281-644-9437(Tel)		PO #: 30702541		Project #: 30702541					
Email: douglas.jordan@arcadis.com		SSOW#: 30702541		Project Name: WCU 99					
Site: Lea County, NM									

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (Wetware, Swab, Aerosol, B-Tissue, A-M)	Preservation Code:	Field Filtered Sample (Yes or No)	Boilerm MS/MSD (Yes or No)	Total Number of Contain	Special Instructions/Note:
SB-1-5	10/8/15	930	G	Solid		X	N		
SB-1-2'		950		Solid		X			
SB-2-5		1030		Solid		X			
SB-2-2'		1050		Solid		X			
SB-2-4'		1130		Solid		X			
SB-3-5		1150		Solid		X			
SB-3-2'		1250		Solid		X			
SB-3-4'		1320		Solid		X			
SB-4-5		1400		Solid		X			
SB-4-2'		1420		Solid		X			
SB-5-5		1500		Solid		X			

<input type="checkbox"/> Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month) <input type="checkbox"/> Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For _____ Months	
Deliverable Requested: I, II, III, IV, Other (specify)		Special Instructions/QC Requirements:	
Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:
Relinquished by: 	Date/Time: 10/10/25 1440	Company:	Received by: 
Relinquished by: 	Date/Time: 10/10/25 1700	Company:	Received by: 
Relinquished by:	Date/Time:	Company:	Received by:
Custody Seals Intact: <input type="checkbox"/> Yes <input type="checkbox"/> No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: IRS 3.3 3.4	

Eurofins Midland
 1211 W. Florida Ave
 Midland, TX 79701
 Phone: 432-704-5440

Chain of Custody Record



Environment Testing

Client Information		Client Contact: Mr. Morgan Jordan	Company: Arcadis US Inc.	Address: 1004 North Big Spring Suite 300	City: Midland	State, Zip: TX, 79701	Phone: 281-644-9437(Tel)	Email: douglas.jordan@arcadis.com	Project Name: <u>WLR 99</u>	Project #: <u>30202541</u>	SSOW#: <u>Lea County, AVM</u>	Site: <u>Lea County, AVM</u>	Sampler: <u>Health B</u>	Lab PM: <u>Bulles, John</u>	Carrier Tracking No(s):	COC No: 880-11167-1628.2	
Phone: <u>575-942-0292</u>		E-Mail: <u>John.Bulles@el.eurofins.com</u>	Due Date Requested:		TAT Requested (days): <u>Standards</u>		PO #: <u>281-644-9437(Tel)</u>	Purchase Order Requested	Compliance Project: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	Field Filtered Sample (Yes or No)	Analysis Requested	State of Origin: <u>NM</u>	Page: <u>2 of 2</u>	Job #: <u>2 of 2</u>			
Preservation Codes: N - None		Special Instructions/Note:		Sample Date: <u>10/8/25</u>		Sample Time: <u>1530</u>	Sample Type: <u>G</u>	Sample Type (C=Comp, G=Grab)	Matrix (Hewlett, Solid, Overhead, Br-Tsang, AVM)	Field Filtered Sample (Yes or No)	Analysis Requested	State of Origin: <u>NM</u>	Page: <u>2 of 2</u>	Job #: <u>2 of 2</u>			
Possible Hazard Identification		Non-Hazard <input type="checkbox"/> Flammable <input type="checkbox"/> Skin Irritant <input type="checkbox"/> Poison B <input type="checkbox"/> Unknown <input type="checkbox"/> Radiological <input type="checkbox"/>		Deliverable Requested: I, II, III, IV, Other (Specify)		Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)		Return To Client <input type="checkbox"/> Disposal By Lab <input type="checkbox"/> Archive For <input type="checkbox"/> Months		Special Instructions/AC Requirements:		Total Number of containers		Special Instructions/Note:			
Empty Kit Relinquished by:		Date: <u>10/10/25</u>	Time: <u>1440</u>	Relinquished by: <u>[Signature]</u>		Date/Time: <u>10/10/25 1440</u>	Company:	Relinquished by: <u>[Signature]</u>		Date/Time: <u>10/10/25 1440</u>	Company:	Relinquished by: <u>[Signature]</u>		Date/Time: <u>10/10/25 1440</u>	Company:	Relinquished by: <u>[Signature]</u>	
Custody Seals Intact: <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		Custody Seal No.:		Cooler Temperature(s) °C and Other Remarks: <u>IR-5 3.3</u>		Cooler Temperature(s) °C and Other Remarks: <u>IR-5 3.3</u>		Cooler Temperature(s) °C and Other Remarks: <u>IR-5 3.3</u>		Cooler Temperature(s) °C and Other Remarks: <u>IR-5 3.3</u>		Cooler Temperature(s) °C and Other Remarks: <u>IR-5 3.3</u>		Cooler Temperature(s) °C and Other Remarks: <u>IR-5 3.3</u>		Cooler Temperature(s) °C and Other Remarks: <u>IR-5 3.3</u>	

Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 880-63720-1

SDG Number: 30202541

Login Number: 63720
List Number: 1
Creator: Juarez, Leticia

List Source: Eurofins Midland

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

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Environment Testing

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ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Morgan Jordan
 Arcadis US Inc.
 1004 North Big Spring
 Suite 300
 Midland, Texas 79701

Generated 12/2/2025 7:33:12 PM

JOB DESCRIPTION

WLU 99

JOB NUMBER

880-65544-1

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



Eurofins Midland

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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



Generated
12/2/2025 7:33:12 PM

Authorized for release by
John Builes, Project Manager
John.Builes@et.eurofinsus.com
(561)558-4549

Client: Arcadis US Inc.
Project/Site: WLU 99

Laboratory Job ID: 880-65544-1

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	10
QC Sample Results	11
QC Association Summary	13
Lab Chronicle	15
Certification Summary	18
Method Summary	19
Sample Summary	20
Receipt Checklists	21

Definitions/Glossary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-1

Qualifiers

GC Semi VOA

Qualifier	Qualifier Description
B	Compound was found in the blank and sample.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
S1-	Surrogate recovery exceeds control limits, low biased.
U	Indicates the analyte was analyzed for but not detected.

HPLC/IC

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

Glossary

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

Case Narrative

Client: Arcadis US Inc.
Project: WLU 99

Job ID: 880-65544-1

Job ID: 880-65544-1

Eurofins Midland

Job Narrative 880-65544-1

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 12/1/2025 5:49 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 5.5°C.

Diesel Range Organics

Method 8015MOD_NM: Surrogate recovery for the following sample was outside control limits: PSB-6-2' (880-65544-2). Evidence of matrix interference is present; therefore, re-extraction and/or re-analysis was not performed.

Method 8015MOD_NM: The method blank for preparation batch 880-125345 and analytical batch 880-125408 contained Gasoline Range Organics (GRO)-C6-C10 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.

HPLC/IC

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

Eurofins Midland



Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-1

Client Sample ID: PSB-6-.5'

Lab Sample ID: 880-65544-1

Date Collected: 12/01/25 08:30

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	21.8	J	50.0	15.1	mg/Kg			12/02/25 13:38	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21.8	J B	50.0	14.5	mg/Kg		12/02/25 08:40	12/02/25 13:38	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		12/02/25 08:40	12/02/25 13:38	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		12/02/25 08:40	12/02/25 13:38	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130				12/02/25 08:40	12/02/25 13:38	1
o-Terphenyl	79		70 - 130				12/02/25 08:40	12/02/25 13:38	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	46.4		10.1	0.398	mg/Kg			12/02/25 17:10	1

Client Sample ID: PSB-6-2'

Lab Sample ID: 880-65544-2

Date Collected: 12/01/25 08:40

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19.3	J	50.1	15.2	mg/Kg			12/02/25 13:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	19.3	J B	50.1	14.6	mg/Kg		12/02/25 08:40	12/02/25 13:53	1
Diesel Range Organics (Over C10-C28)	<15.2	U	50.1	15.2	mg/Kg		12/02/25 08:40	12/02/25 13:53	1
Oil Range Organics (Over C28-C36)	<15.2	U	50.1	15.2	mg/Kg		12/02/25 08:40	12/02/25 13:53	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	68	S1-	70 - 130				12/02/25 08:40	12/02/25 13:53	1
o-Terphenyl	73		70 - 130				12/02/25 08:40	12/02/25 13:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	53.0		10.0	0.397	mg/Kg			12/02/25 17:27	1

Client Sample ID: PSB-7-.5'

Lab Sample ID: 880-65544-3

Date Collected: 12/01/25 09:20

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	20.1	J	50.0	15.1	mg/Kg			12/02/25 14:08	1

Eurofins Midland

Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-1

Client Sample ID: PSB-7-.5'

Lab Sample ID: 880-65544-3

Date Collected: 12/01/25 09:20

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	20.1	J B	50.0	14.5	mg/Kg		12/02/25 08:40	12/02/25 14:08	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		12/02/25 08:40	12/02/25 14:08	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		12/02/25 08:40	12/02/25 14:08	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130				12/02/25 08:40	12/02/25 14:08	1
o-Terphenyl	77		70 - 130				12/02/25 08:40	12/02/25 14:08	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	10.2		10.1	0.399	mg/Kg			12/02/25 17:33	1

Client Sample ID: PSB-7-2'

Lab Sample ID: 880-65544-4

Date Collected: 12/01/25 09:30

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	22.2	J	50.1	15.1	mg/Kg			12/02/25 14:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	22.2	J B	50.1	14.5	mg/Kg		12/02/25 08:40	12/02/25 14:23	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.1	15.1	mg/Kg		12/02/25 08:40	12/02/25 14:23	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.1	15.1	mg/Kg		12/02/25 08:40	12/02/25 14:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	71		70 - 130				12/02/25 08:40	12/02/25 14:23	1
o-Terphenyl	77		70 - 130				12/02/25 08:40	12/02/25 14:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	309		9.92	0.392	mg/Kg			12/02/25 17:39	1

Client Sample ID: PSB-8-.5'

Lab Sample ID: 880-65544-5

Date Collected: 12/01/25 11:20

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	18.8	J	50.0	15.1	mg/Kg			12/02/25 14:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	18.8	J B	50.0	14.5	mg/Kg		12/02/25 08:40	12/02/25 14:39	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		12/02/25 08:40	12/02/25 14:39	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		12/02/25 08:40	12/02/25 14:39	1

Eurofins Midland

Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-1

Client Sample ID: PSB-8-.5'

Lab Sample ID: 880-65544-5

Date Collected: 12/01/25 11:20

Matrix: Solid

Date Received: 12/01/25 17:49

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	72		70 - 130	12/02/25 08:40	12/02/25 14:39	1
o-Terphenyl	79		70 - 130	12/02/25 08:40	12/02/25 14:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	8.18	J	9.98	0.394	mg/Kg			12/02/25 17:45	1

Client Sample ID: PSB-8-2'

Lab Sample ID: 880-65544-6

Date Collected: 12/01/25 11:30

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19.6	J	50.0	15.1	mg/Kg			12/02/25 14:53	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	19.6	J B	50.0	14.5	mg/Kg		12/02/25 08:40	12/02/25 14:53	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		12/02/25 08:40	12/02/25 14:53	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		12/02/25 08:40	12/02/25 14:53	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	77		70 - 130	12/02/25 08:40	12/02/25 14:53	1
o-Terphenyl	81		70 - 130	12/02/25 08:40	12/02/25 14:53	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	9.06	J	9.92	0.392	mg/Kg			12/02/25 18:03	1

Client Sample ID: PSB-9-.5'

Lab Sample ID: 880-65544-7

Date Collected: 12/01/25 14:00

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	20.9	J	49.8	15.1	mg/Kg			12/02/25 15:09	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	20.9	J B	49.8	14.5	mg/Kg		12/02/25 08:40	12/02/25 15:09	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		12/02/25 08:40	12/02/25 15:09	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		12/02/25 08:40	12/02/25 15:09	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
1-Chlorooctane	70		70 - 130	12/02/25 08:40	12/02/25 15:09	1
o-Terphenyl	76		70 - 130	12/02/25 08:40	12/02/25 15:09	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	26.4		10.1	0.398	mg/Kg			12/02/25 18:08	1

Eurofins Midland

Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-1

Client Sample ID: PSB-5-2'

Lab Sample ID: 880-65544-8

Date Collected: 12/01/25 14:10

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	19.0	J	50.0	15.1	mg/Kg			12/02/25 15:23	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	19.0	J B	50.0	14.5	mg/Kg		12/02/25 08:40	12/02/25 15:23	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		12/02/25 08:40	12/02/25 15:23	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		12/02/25 08:40	12/02/25 15:23	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	73		70 - 130				12/02/25 08:40	12/02/25 15:23	1
o-Terphenyl	78		70 - 130				12/02/25 08:40	12/02/25 15:23	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	5.35	J	9.90	0.391	mg/Kg			12/02/25 18:14	1

Client Sample ID: PSB-6-4'

Lab Sample ID: 880-65544-9

Date Collected: 12/01/25 15:30

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8015 NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total TPH	21.3	J	49.8	15.1	mg/Kg			12/02/25 15:39	1

Method: SW846 8015B NM - Diesel Range Organics (DRO) (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Gasoline Range Organics (GRO)-C6-C10	21.3	J B	49.8	14.5	mg/Kg		12/02/25 08:40	12/02/25 15:39	1
Diesel Range Organics (Over C10-C28)	<15.1	U	49.8	15.1	mg/Kg		12/02/25 08:40	12/02/25 15:39	1
Oil Range Organics (Over C28-C36)	<15.1	U	49.8	15.1	mg/Kg		12/02/25 08:40	12/02/25 15:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
1-Chlorooctane	76		70 - 130				12/02/25 08:40	12/02/25 15:39	1
o-Terphenyl	81		70 - 130				12/02/25 08:40	12/02/25 15:39	1

Method: EPA 300.0 - Anions, Ion Chromatography - Soluble

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloride	28.1		9.90	0.391	mg/Kg			12/02/25 18:20	1

Surrogate Summary

Client: Arcadis US Inc.
 Project/Site: WLU 99

Job ID: 880-65544-1

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

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		1CO1 (70-130)	OTPH1 (70-130)
880-65544-1	PSB-6-.5'	72	79
880-65544-2	PSB-6-2'	68 S1-	73
880-65544-3	PSB-7-.5'	70	77
880-65544-4	PSB-7-2'	71	77
880-65544-5	PSB-8-.5'	72	79
880-65544-6	PSB-8-2'	77	81
880-65544-7	PSB-9-.5'	70	76
880-65544-8	PSB-5-2'	73	78
880-65544-9	PSB-6-4'	76	81
LCS 880-125345/2-A	Lab Control Sample	87	83
LCSD 880-125345/3-A	Lab Control Sample Dup	73	85
MB 880-125345/1-A	Method Blank	72	77

Surrogate Legend

1CO = 1-Chlorooctane

OTPH = o-Terphenyl

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QC Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-1

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

Lab Sample ID: MB 880-125345/1-A
Matrix: Solid
Analysis Batch: 125408

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125345

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Gasoline Range Organics (GRO)-C6-C10	17.17	J	50.0	14.5	mg/Kg		12/02/25 08:39	12/02/25 07:58	1
Diesel Range Organics (Over C10-C28)	<15.1	U	50.0	15.1	mg/Kg		12/02/25 08:39	12/02/25 07:58	1
Oil Range Organics (Over C28-C36)	<15.1	U	50.0	15.1	mg/Kg		12/02/25 08:39	12/02/25 07:58	1

Surrogate	MB	MB	Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
1-Chlorooctane	72		70 - 130	12/02/25 08:39	12/02/25 07:58	1
o-Terphenyl	77		70 - 130	12/02/25 08:39	12/02/25 07:58	1

Lab Sample ID: LCS 880-125345/2-A
Matrix: Solid
Analysis Batch: 125408

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125345

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Diesel Range Organics (Over C10-C28)	1000	776.5		mg/Kg		78	70 - 130

Surrogate	LCS	LCS	Limits
	%Recovery	Qualifier	
1-Chlorooctane	87		70 - 130
o-Terphenyl	83		70 - 130

Lab Sample ID: LCSD 880-125345/3-A
Matrix: Solid
Analysis Batch: 125408

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125345

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	
								RPD	Limit
Gasoline Range Organics (GRO)-C6-C10	1000	848.0		mg/Kg		85	70 - 130	7	20
Diesel Range Organics (Over C10-C28)	1000	868.6		mg/Kg		87	70 - 130	11	20

Surrogate	LCSD	LCSD	Limits
	%Recovery	Qualifier	
1-Chlorooctane	73		70 - 130
o-Terphenyl	85		70 - 130

Method: 300.0 - Anions, Ion Chromatography

Lab Sample ID: MB 880-125429/1-A
Matrix: Solid
Analysis Batch: 125434

Client Sample ID: Method Blank
Prep Type: Soluble

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Chloride	<0.395	U	10.0	0.395	mg/Kg			12/02/25 16:52	1

Eurofins Midland

QC Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-1

Method: 300.0 - Anions, Ion Chromatography (Continued)

Lab Sample ID: LCS 880-125429/2-A
Matrix: Solid
Analysis Batch: 125434

Client Sample ID: Lab Control Sample
Prep Type: Soluble

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	250	225.8		mg/Kg		90	90 - 110

Lab Sample ID: LCSD 880-125429/3-A
Matrix: Solid
Analysis Batch: 125434

Client Sample ID: Lab Control Sample Dup
Prep Type: Soluble

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	250	228.4		mg/Kg		91	90 - 110	1	20

Lab Sample ID: 880-65544-1 MS
Matrix: Solid
Analysis Batch: 125434

Client Sample ID: PSB-6-.5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec Limits
Chloride	46.4		252	280.0		mg/Kg		93	90 - 110

Lab Sample ID: 880-65544-1 MSD
Matrix: Solid
Analysis Batch: 125434

Client Sample ID: PSB-6-.5'
Prep Type: Soluble

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	RPD Limit
Chloride	46.4		252	277.1		mg/Kg		92	90 - 110	1	20

QC Association Summary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-1

GC Semi VOA

Prep Batch: 125345

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65544-1	PSB-6-.5'	Total/NA	Solid	8015NM Prep	
880-65544-2	PSB-6-2'	Total/NA	Solid	8015NM Prep	
880-65544-3	PSB-7-.5'	Total/NA	Solid	8015NM Prep	
880-65544-4	PSB-7-2'	Total/NA	Solid	8015NM Prep	
880-65544-5	PSB-8-.5'	Total/NA	Solid	8015NM Prep	
880-65544-6	PSB-8-2'	Total/NA	Solid	8015NM Prep	
880-65544-7	PSB-9-.5'	Total/NA	Solid	8015NM Prep	
880-65544-8	PSB-5-2'	Total/NA	Solid	8015NM Prep	
880-65544-9	PSB-6-4'	Total/NA	Solid	8015NM Prep	
MB 880-125345/1-A	Method Blank	Total/NA	Solid	8015NM Prep	
LCS 880-125345/2-A	Lab Control Sample	Total/NA	Solid	8015NM Prep	
LCSD 880-125345/3-A	Lab Control Sample Dup	Total/NA	Solid	8015NM Prep	

Analysis Batch: 125408

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65544-1	PSB-6-.5'	Total/NA	Solid	8015B NM	125345
880-65544-2	PSB-6-2'	Total/NA	Solid	8015B NM	125345
880-65544-3	PSB-7-.5'	Total/NA	Solid	8015B NM	125345
880-65544-4	PSB-7-2'	Total/NA	Solid	8015B NM	125345
880-65544-5	PSB-8-.5'	Total/NA	Solid	8015B NM	125345
880-65544-6	PSB-8-2'	Total/NA	Solid	8015B NM	125345
880-65544-7	PSB-9-.5'	Total/NA	Solid	8015B NM	125345
880-65544-8	PSB-5-2'	Total/NA	Solid	8015B NM	125345
880-65544-9	PSB-6-4'	Total/NA	Solid	8015B NM	125345
MB 880-125345/1-A	Method Blank	Total/NA	Solid	8015B NM	125345
LCS 880-125345/2-A	Lab Control Sample	Total/NA	Solid	8015B NM	125345
LCSD 880-125345/3-A	Lab Control Sample Dup	Total/NA	Solid	8015B NM	125345

Analysis Batch: 125464

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65544-1	PSB-6-.5'	Total/NA	Solid	8015 NM	
880-65544-2	PSB-6-2'	Total/NA	Solid	8015 NM	
880-65544-3	PSB-7-.5'	Total/NA	Solid	8015 NM	
880-65544-4	PSB-7-2'	Total/NA	Solid	8015 NM	
880-65544-5	PSB-8-.5'	Total/NA	Solid	8015 NM	
880-65544-6	PSB-8-2'	Total/NA	Solid	8015 NM	
880-65544-7	PSB-9-.5'	Total/NA	Solid	8015 NM	
880-65544-8	PSB-5-2'	Total/NA	Solid	8015 NM	
880-65544-9	PSB-6-4'	Total/NA	Solid	8015 NM	

HPLC/IC

Leach Batch: 125429

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65544-1	PSB-6-.5'	Soluble	Solid	DI Leach	
880-65544-2	PSB-6-2'	Soluble	Solid	DI Leach	
880-65544-3	PSB-7-.5'	Soluble	Solid	DI Leach	
880-65544-4	PSB-7-2'	Soluble	Solid	DI Leach	
880-65544-5	PSB-8-.5'	Soluble	Solid	DI Leach	
880-65544-6	PSB-8-2'	Soluble	Solid	DI Leach	
880-65544-7	PSB-9-.5'	Soluble	Solid	DI Leach	

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QC Association Summary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-1

HPLC/IC (Continued)

Leach Batch: 125429 (Continued)

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65544-8	PSB-5-2'	Soluble	Solid	DI Leach	
880-65544-9	PSB-6-4'	Soluble	Solid	DI Leach	
MB 880-125429/1-A	Method Blank	Soluble	Solid	DI Leach	
LCS 880-125429/2-A	Lab Control Sample	Soluble	Solid	DI Leach	
LCSD 880-125429/3-A	Lab Control Sample Dup	Soluble	Solid	DI Leach	
880-65544-1 MS	PSB-6-.5'	Soluble	Solid	DI Leach	
880-65544-1 MSD	PSB-6-.5'	Soluble	Solid	DI Leach	

Analysis Batch: 125434

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65544-1	PSB-6-.5'	Soluble	Solid	300.0	125429
880-65544-2	PSB-6-2'	Soluble	Solid	300.0	125429
880-65544-3	PSB-7-.5'	Soluble	Solid	300.0	125429
880-65544-4	PSB-7-2'	Soluble	Solid	300.0	125429
880-65544-5	PSB-8-.5'	Soluble	Solid	300.0	125429
880-65544-6	PSB-8-2'	Soluble	Solid	300.0	125429
880-65544-7	PSB-9-.5'	Soluble	Solid	300.0	125429
880-65544-8	PSB-5-2'	Soluble	Solid	300.0	125429
880-65544-9	PSB-6-4'	Soluble	Solid	300.0	125429
MB 880-125429/1-A	Method Blank	Soluble	Solid	300.0	125429
LCS 880-125429/2-A	Lab Control Sample	Soluble	Solid	300.0	125429
LCSD 880-125429/3-A	Lab Control Sample Dup	Soluble	Solid	300.0	125429
880-65544-1 MS	PSB-6-.5'	Soluble	Solid	300.0	125429
880-65544-1 MSD	PSB-6-.5'	Soluble	Solid	300.0	125429

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-1

Client Sample ID: PSB-6-.5'

Lab Sample ID: 880-65544-1

Date Collected: 12/01/25 08:30

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			125464	12/02/25 13:38	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	125345	12/02/25 08:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125408	12/02/25 13:38	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	125429	12/02/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			125434	12/02/25 17:10	SMC	EET MID

Client Sample ID: PSB-6-2'

Lab Sample ID: 880-65544-2

Date Collected: 12/01/25 08:40

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			125464	12/02/25 13:53	SA	EET MID
Total/NA	Prep	8015NM Prep			9.98 g	10.00 mL	125345	12/02/25 08:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125408	12/02/25 13:53	FC	EET MID
Soluble	Leach	DI Leach			4.98 g	50 mL	125429	12/02/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			125434	12/02/25 17:27	SMC	EET MID

Client Sample ID: PSB-7-.5'

Lab Sample ID: 880-65544-3

Date Collected: 12/01/25 09:20

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			125464	12/02/25 14:08	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	125345	12/02/25 08:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125408	12/02/25 14:08	FC	EET MID
Soluble	Leach	DI Leach			4.95 g	50 mL	125429	12/02/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			125434	12/02/25 17:33	SMC	EET MID

Client Sample ID: PSB-7-2'

Lab Sample ID: 880-65544-4

Date Collected: 12/01/25 09:30

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			125464	12/02/25 14:23	SA	EET MID
Total/NA	Prep	8015NM Prep			9.99 g	10.00 mL	125345	12/02/25 08:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125408	12/02/25 14:23	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	125429	12/02/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			125434	12/02/25 17:39	SMC	EET MID

Client Sample ID: PSB-8-.5'

Lab Sample ID: 880-65544-5

Date Collected: 12/01/25 11:20

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			125464	12/02/25 14:39	SA	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-1

Client Sample ID: PSB-8-.5'

Lab Sample ID: 880-65544-5

Date Collected: 12/01/25 11:20

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.00 g	10.00 mL	125345	12/02/25 08:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125408	12/02/25 14:39	FC	EET MID
Soluble	Leach	DI Leach			5.01 g	50 mL	125429	12/02/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			125434	12/02/25 17:45	SMC	EET MID

Client Sample ID: PSB-8-2'

Lab Sample ID: 880-65544-6

Date Collected: 12/01/25 11:30

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			125464	12/02/25 14:53	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	125345	12/02/25 08:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125408	12/02/25 14:53	FC	EET MID
Soluble	Leach	DI Leach			5.04 g	50 mL	125429	12/02/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			125434	12/02/25 18:03	SMC	EET MID

Client Sample ID: PSB-9-.5'

Lab Sample ID: 880-65544-7

Date Collected: 12/01/25 14:00

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			125464	12/02/25 15:09	SA	EET MID
Total/NA	Prep	8015NM Prep			10.05 g	10.00 mL	125345	12/02/25 08:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125408	12/02/25 15:09	FC	EET MID
Soluble	Leach	DI Leach			4.96 g	50 mL	125429	12/02/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			125434	12/02/25 18:08	SMC	EET MID

Client Sample ID: PSB-5-2'

Lab Sample ID: 880-65544-8

Date Collected: 12/01/25 14:10

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			125464	12/02/25 15:23	SA	EET MID
Total/NA	Prep	8015NM Prep			10.01 g	10.00 mL	125345	12/02/25 08:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125408	12/02/25 15:23	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	125429	12/02/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			125434	12/02/25 18:14	SMC	EET MID

Client Sample ID: PSB-6-4'

Lab Sample ID: 880-65544-9

Date Collected: 12/01/25 15:30

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8015 NM		1			125464	12/02/25 15:39	SA	EET MID

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Lab Chronicle

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-1

Client Sample ID: PSB-6-4'

Lab Sample ID: 880-65544-9

Date Collected: 12/01/25 15:30

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	8015NM Prep			10.04 g	10.00 mL	125345	12/02/25 08:40	EL	EET MID
Total/NA	Analysis	8015B NM		1	1 uL	1 uL	125408	12/02/25 15:39	FC	EET MID
Soluble	Leach	DI Leach			5.05 g	50 mL	125429	12/02/25 12:53	SA	EET MID
Soluble	Analysis	300.0		1			125434	12/02/25 18:20	SMC	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

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Accreditation/Certification Summary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-1

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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
8015 NM		Solid	Total TPH

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Method Summary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-1

Method	Method Description	Protocol	Laboratory
8015 NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
8015B NM	Diesel Range Organics (DRO) (GC)	SW846	EET MID
300.0	Anions, Ion Chromatography	EPA	EET MID
8015NM Prep	Microextraction	SW846	EET MID
DI Leach	Deionized Water Leaching Procedure	ASTM	EET MID

Protocol References:

ASTM = ASTM International

EPA = US Environmental Protection Agency

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

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-65544-1	PSB-6-.5'	Solid	12/01/25 08:30	12/01/25 17:49	Texas
880-65544-2	PSB-6-2'	Solid	12/01/25 08:40	12/01/25 17:49	Texas
880-65544-3	PSB-7-.5'	Solid	12/01/25 09:20	12/01/25 17:49	Texas
880-65544-4	PSB-7-2'	Solid	12/01/25 09:30	12/01/25 17:49	Texas
880-65544-5	PSB-8-.5'	Solid	12/01/25 11:20	12/01/25 17:49	Texas
880-65544-6	PSB-8-2'	Solid	12/01/25 11:30	12/01/25 17:49	Texas
880-65544-7	PSB-9-.5'	Solid	12/01/25 14:00	12/01/25 17:49	Texas
880-65544-8	PSB-5-2'	Solid	12/01/25 14:10	12/01/25 17:49	Texas
880-65544-9	PSB-6-4'	Solid	12/01/25 15:30	12/01/25 17:49	Texas

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Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 880-65544-1

SDG Number:

Login Number: 65544

List Number: 1

Creator: Neeld, Linsey

List Source: Eurofins Midland

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

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

Eurofins Midland





Environment Testing

- 1
- 2
- 3
- 4
- 5
- 6
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- 13

ANALYTICAL REPORT

PREPARED FOR

Attn: Mr. Morgan Jordan
 Arcadis US Inc.
 1004 North Big Spring
 Suite 300
 Midland, Texas 79701

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JOB DESCRIPTION

WLU 99

JOB NUMBER

880-65544-2

Eurofins Midland
 1211 W. Florida Ave
 Midland TX 79701



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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.

Analytical test results meet all requirements of the associated regulatory program (i.e., NELAC (TNI), DoD, and ISO 17025) unless otherwise noted under the individual analysis.

Authorization



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Authorized for release by
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- 9
- 10
- 11
- 12
- 13

Client: Arcadis US Inc.
Project/Site: WLU 99

Laboratory Job ID: 880-65544-2

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Table of Contents

Cover Page	1
Table of Contents	3
Definitions/Glossary	4
Case Narrative	5
Client Sample Results	6
Surrogate Summary	10
QC Sample Results	11
QC Association Summary	14
Lab Chronicle	16
Certification Summary	18
Method Summary	19
Sample Summary	20
Receipt Checklists	21

Definitions/Glossary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

Qualifiers

GC VOA

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

Glossary

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

Case Narrative

Client: Arcadis US Inc.
Project: WLU 99

Job ID: 880-65544-2

Job ID: 880-65544-2

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Job Narrative 880-65544-2

The analytical test results presented in this report meet all requirements of the associated regulatory program listed on the Accreditation/Certification Summary Page, unless otherwise noted. Data qualifiers and/or narrative comments are included to explain any exceptions, if applicable. Regulated compliance samples (e.g. SDWA, NPDES) must comply with associated agency requirements/permits.

- Matrix-specific batch QC (e.g., MS, MSD, SD) may not be reported when insufficient sample volume is available or when site-specific QC samples are not submitted. In such cases, a Laboratory Control Sample Duplicate (LCSD) may be analyzed to provide precision data for the batch.
- For samples analyzed using surrogate and/or isotope dilution analytes, any recoveries falling outside of established acceptance criteria are re-prepared and/or re-analyzed to confirm results, unless the deviation is due to sample dilution or otherwise explained in the case narrative.

Receipt

The samples were received on 12/1/2025 5:49 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 5.5°C.

GC VOA

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

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

Client Sample ID: PSB-6-.5'

Lab Sample ID: 880-65544-1

Date Collected: 12/01/25 08:30

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00141	U	0.00202	0.00141	mg/Kg		12/02/25 11:01	12/03/25 03:56	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		12/02/25 11:01	12/03/25 03:56	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		12/02/25 11:01	12/03/25 03:56	1
m-Xylene & p-Xylene	<0.00231	U	0.00404	0.00231	mg/Kg		12/02/25 11:01	12/03/25 03:56	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		12/02/25 11:01	12/03/25 03:56	1
Xylenes, Total	<0.00231	U	0.00404	0.00231	mg/Kg		12/02/25 11:01	12/03/25 03:56	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	111		70 - 130	12/02/25 11:01	12/03/25 03:56	1
1,4-Difluorobenzene (Surr)	100		70 - 130	12/02/25 11:01	12/03/25 03:56	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00231	U	0.00404	0.00231	mg/Kg			12/03/25 03:56	1

Client Sample ID: PSB-6-2'

Lab Sample ID: 880-65544-2

Date Collected: 12/01/25 08:40

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		12/02/25 11:01	12/03/25 04:17	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		12/02/25 11:01	12/03/25 04:17	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		12/02/25 11:01	12/03/25 04:17	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		12/02/25 11:01	12/03/25 04:17	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		12/02/25 11:01	12/03/25 04:17	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		12/02/25 11:01	12/03/25 04:17	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130	12/02/25 11:01	12/03/25 04:17	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/02/25 11:01	12/03/25 04:17	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			12/03/25 04:17	1

Client Sample ID: PSB-7-.5'

Lab Sample ID: 880-65544-3

Date Collected: 12/01/25 09:20

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		12/02/25 11:01	12/03/25 04:38	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		12/02/25 11:01	12/03/25 04:38	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		12/02/25 11:01	12/03/25 04:38	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		12/02/25 11:01	12/03/25 04:38	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		12/02/25 11:01	12/03/25 04:38	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		12/02/25 11:01	12/03/25 04:38	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	109		70 - 130	12/02/25 11:01	12/03/25 04:38	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/02/25 11:01	12/03/25 04:38	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

Client Sample ID: PSB-7-.5'

Lab Sample ID: 880-65544-3

Date Collected: 12/01/25 09:20

Matrix: Solid

Date Received: 12/01/25 17:49

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00229	U	0.00400	0.00229	mg/Kg			12/03/25 04:38	1

Client Sample ID: PSB-7-2'

Lab Sample ID: 880-65544-4

Date Collected: 12/01/25 09:30

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00199	0.00138	mg/Kg		12/02/25 11:01	12/03/25 04:58	1
Toluene	<0.00199	U	0.00199	0.00199	mg/Kg		12/02/25 11:01	12/03/25 04:58	1
Ethylbenzene	<0.00108	U	0.00199	0.00108	mg/Kg		12/02/25 11:01	12/03/25 04:58	1
m-Xylene & p-Xylene	<0.00227	U	0.00398	0.00227	mg/Kg		12/02/25 11:01	12/03/25 04:58	1
o-Xylene	<0.00157	U	0.00199	0.00157	mg/Kg		12/02/25 11:01	12/03/25 04:58	1
Xylenes, Total	<0.00227	U	0.00398	0.00227	mg/Kg		12/02/25 11:01	12/03/25 04:58	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	104		70 - 130	12/02/25 11:01	12/03/25 04:58	1
1,4-Difluorobenzene (Surr)	100		70 - 130	12/02/25 11:01	12/03/25 04:58	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00398	0.00227	mg/Kg			12/03/25 04:58	1

Client Sample ID: PSB-8-.5'

Lab Sample ID: 880-65544-5

Date Collected: 12/01/25 11:20

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		12/02/25 11:01	12/03/25 05:19	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		12/02/25 11:01	12/03/25 05:19	1
Ethylbenzene	<0.00108	U	0.00198	0.00108	mg/Kg		12/02/25 11:01	12/03/25 05:19	1
m-Xylene & p-Xylene	<0.00226	U	0.00396	0.00226	mg/Kg		12/02/25 11:01	12/03/25 05:19	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		12/02/25 11:01	12/03/25 05:19	1
Xylenes, Total	<0.00226	U	0.00396	0.00226	mg/Kg		12/02/25 11:01	12/03/25 05:19	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130	12/02/25 11:01	12/03/25 05:19	1
1,4-Difluorobenzene (Surr)	96		70 - 130	12/02/25 11:01	12/03/25 05:19	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00226	U	0.00396	0.00226	mg/Kg			12/03/25 05:19	1

Client Sample ID: PSB-8-2'

Lab Sample ID: 880-65544-6

Date Collected: 12/01/25 11:30

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00138	U	0.00198	0.00138	mg/Kg		12/02/25 11:01	12/03/25 05:39	1
Toluene	<0.00198	U	0.00198	0.00198	mg/Kg		12/02/25 11:01	12/03/25 05:39	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

Client Sample ID: PSB-8-2'

Lab Sample ID: 880-65544-6

Date Collected: 12/01/25 11:30

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8021B - Volatile Organic Compounds (GC) (Continued)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Ethylbenzene	0.00163	J	0.00198	0.00108	mg/Kg		12/02/25 11:01	12/03/25 05:39	1
m-Xylene & p-Xylene	<0.00227	U	0.00397	0.00227	mg/Kg		12/02/25 11:01	12/03/25 05:39	1
o-Xylene	<0.00157	U	0.00198	0.00157	mg/Kg		12/02/25 11:01	12/03/25 05:39	1
Xylenes, Total	<0.00227	U	0.00397	0.00227	mg/Kg		12/02/25 11:01	12/03/25 05:39	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	101		70 - 130				12/02/25 11:01	12/03/25 05:39	1
1,4-Difluorobenzene (Surr)	95		70 - 130				12/02/25 11:01	12/03/25 05:39	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00227	U	0.00397	0.00227	mg/Kg			12/03/25 05:39	1

Client Sample ID: PSB-9-.5'

Lab Sample ID: 880-65544-7

Date Collected: 12/01/25 14:00

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00202	0.00140	mg/Kg		12/02/25 11:01	12/03/25 05:59	1
Toluene	<0.00202	U	0.00202	0.00202	mg/Kg		12/02/25 11:01	12/03/25 05:59	1
Ethylbenzene	<0.00110	U	0.00202	0.00110	mg/Kg		12/02/25 11:01	12/03/25 05:59	1
m-Xylene & p-Xylene	0.00246	J	0.00403	0.00230	mg/Kg		12/02/25 11:01	12/03/25 05:59	1
o-Xylene	<0.00160	U	0.00202	0.00160	mg/Kg		12/02/25 11:01	12/03/25 05:59	1
Xylenes, Total	0.00246	J	0.00403	0.00230	mg/Kg		12/02/25 11:01	12/03/25 05:59	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	113		70 - 130				12/02/25 11:01	12/03/25 05:59	1
1,4-Difluorobenzene (Surr)	82		70 - 130				12/02/25 11:01	12/03/25 05:59	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	0.00246	J	0.00403	0.00230	mg/Kg			12/03/25 05:59	1

Client Sample ID: PSB-5-2'

Lab Sample ID: 880-65544-8

Date Collected: 12/01/25 14:10

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00140	U	0.00201	0.00140	mg/Kg		12/02/25 11:01	12/03/25 06:20	1
Toluene	<0.00201	U	0.00201	0.00201	mg/Kg		12/02/25 11:01	12/03/25 06:20	1
Ethylbenzene	<0.00110	U	0.00201	0.00110	mg/Kg		12/02/25 11:01	12/03/25 06:20	1
m-Xylene & p-Xylene	<0.00230	U	0.00402	0.00230	mg/Kg		12/02/25 11:01	12/03/25 06:20	1
o-Xylene	<0.00159	U	0.00201	0.00159	mg/Kg		12/02/25 11:01	12/03/25 06:20	1
Xylenes, Total	<0.00230	U	0.00402	0.00230	mg/Kg		12/02/25 11:01	12/03/25 06:20	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/02/25 11:01	12/03/25 06:20	1
1,4-Difluorobenzene (Surr)	88		70 - 130				12/02/25 11:01	12/03/25 06:20	1

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Client Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

Client Sample ID: PSB-5-2'

Lab Sample ID: 880-65544-8

Date Collected: 12/01/25 14:10

Matrix: Solid

Date Received: 12/01/25 17:49

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00230	U	0.00402	0.00230	mg/Kg			12/03/25 06:20	1

Client Sample ID: PSB-6-4'

Lab Sample ID: 880-65544-9

Date Collected: 12/01/25 15:30

Matrix: Solid

Date Received: 12/01/25 17:49

Method: SW846 8021B - Volatile Organic Compounds (GC)

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		12/02/25 11:58	12/03/25 05:43	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		12/02/25 11:58	12/03/25 05:43	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		12/02/25 11:58	12/03/25 05:43	1
m-Xylene & p-Xylene	<0.00228	U	0.00399	0.00228	mg/Kg		12/02/25 11:58	12/03/25 05:43	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		12/02/25 11:58	12/03/25 05:43	1
Xylenes, Total	<0.00228	U	0.00399	0.00228	mg/Kg		12/02/25 11:58	12/03/25 05:43	1

Surrogate	%Recovery	Qualifier	Limits	Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	121		70 - 130	12/02/25 11:58	12/03/25 05:43	1
1,4-Difluorobenzene (Surr)	119		70 - 130	12/02/25 11:58	12/03/25 05:43	1

Method: TAL SOP Total BTEX - Total BTEX Calculation

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Total BTEX	<0.00228	U	0.00399	0.00228	mg/Kg			12/03/25 05:43	1

Surrogate Summary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

Method: 8021B - Volatile Organic Compounds (GC)

Matrix: Solid

Prep Type: Total/NA

Lab Sample ID	Client Sample ID	Percent Surrogate Recovery (Acceptance Limits)	
		BFB1 (70-130)	DFBZ1 (70-130)
880-64724-A-21-C MB	Method Blank	108	96
880-65544-1	PSB-6-.5'	111	100
880-65544-2	PSB-6-2'	113	96
880-65544-3	PSB-7-.5'	109	96
880-65544-4	PSB-7-2'	104	100
880-65544-5	PSB-8-.5'	108	96
880-65544-6	PSB-8-2'	101	95
880-65544-7	PSB-9-.5'	113	82
880-65544-8	PSB-5-2'	106	88
880-65544-9	PSB-6-4'	121	119
LCS 880-125383/1-A	Lab Control Sample	108	100
LCS 880-125407/1-A	Lab Control Sample	112	110
LCSD 880-125383/2-A	Lab Control Sample Dup	104	105
LCSD 880-125407/2-A	Lab Control Sample Dup	111	98
MB 880-125339/5-A	Method Blank	115	109
MB 880-125383/5-A	Method Blank	106	89
MB 880-125407/5-A	Method Blank	113	111

Surrogate Legend

BFB = 4-Bromofluorobenzene (Surr)
DFBZ = 1,4-Difluorobenzene (Surr)

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

QC Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

Method: 8021B - Volatile Organic Compounds (GC)

Lab Sample ID: 880-64724-A-21-C MB
Matrix: Solid
Analysis Batch: 125341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125282

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		12/01/25 11:00	12/02/25 16:19	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		12/01/25 11:00	12/02/25 16:19	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		12/01/25 11:00	12/02/25 16:19	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		12/01/25 11:00	12/02/25 16:19	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		12/01/25 11:00	12/02/25 16:19	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		12/01/25 11:00	12/02/25 16:19	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	108		70 - 130				12/01/25 11:00	12/02/25 16:19	1
1,4-Difluorobenzene (Surr)	96		70 - 130				12/01/25 11:00	12/02/25 16:19	1

Lab Sample ID: MB 880-125339/5-A
Matrix: Solid
Analysis Batch: 125340

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125339

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		12/02/25 08:23	12/02/25 11:09	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		12/02/25 08:23	12/02/25 11:09	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		12/02/25 08:23	12/02/25 11:09	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		12/02/25 08:23	12/02/25 11:09	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		12/02/25 08:23	12/02/25 11:09	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		12/02/25 08:23	12/02/25 11:09	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	115		70 - 130				12/02/25 08:23	12/02/25 11:09	1
1,4-Difluorobenzene (Surr)	109		70 - 130				12/02/25 08:23	12/02/25 11:09	1

Lab Sample ID: MB 880-125383/5-A
Matrix: Solid
Analysis Batch: 125341

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125383

Analyte	MB	MB	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		12/02/25 11:01	12/02/25 22:16	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		12/02/25 11:01	12/02/25 22:16	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		12/02/25 11:01	12/02/25 22:16	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		12/02/25 11:01	12/02/25 22:16	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		12/02/25 11:01	12/02/25 22:16	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		12/02/25 11:01	12/02/25 22:16	1
Surrogate	%Recovery	Qualifier	Limits				Prepared	Analyzed	Dil Fac
4-Bromofluorobenzene (Surr)	106		70 - 130				12/02/25 11:01	12/02/25 22:16	1
1,4-Difluorobenzene (Surr)	89		70 - 130				12/02/25 11:01	12/02/25 22:16	1

Eurofins Midland

QC Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-125383/1-A
Matrix: Solid
Analysis Batch: 125341

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125383

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	0.100	0.1023		mg/Kg		102	70 - 130	
Toluene	0.100	0.1022		mg/Kg		102	70 - 130	
Ethylbenzene	0.100	0.1065		mg/Kg		107	70 - 130	
m-Xylene & p-Xylene	0.200	0.2096		mg/Kg		105	70 - 130	
o-Xylene	0.100	0.1026		mg/Kg		103	70 - 130	

Surrogate	LCS LCS		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	108		70 - 130
1,4-Difluorobenzene (Surr)	100		70 - 130

Lab Sample ID: LCSD 880-125383/2-A
Matrix: Solid
Analysis Batch: 125341

Client Sample ID: Lab Control Sample Dup
Prep Type: Total/NA
Prep Batch: 125383

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits		RPD Limit	
									RPD	Limit
Benzene	0.100	0.1032		mg/Kg		103	70 - 130	1	35	
Toluene	0.100	0.1014		mg/Kg		101	70 - 130	1	35	
Ethylbenzene	0.100	0.1089		mg/Kg		109	70 - 130	2	35	
m-Xylene & p-Xylene	0.200	0.2029		mg/Kg		101	70 - 130	3	35	
o-Xylene	0.100	0.1018		mg/Kg		102	70 - 130	1	35	

Surrogate	LCSD LCSD		Limits
	%Recovery	Qualifier	
4-Bromofluorobenzene (Surr)	104		70 - 130
1,4-Difluorobenzene (Surr)	105		70 - 130

Lab Sample ID: MB 880-125407/5-A
Matrix: Solid
Analysis Batch: 125340

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 125407

Analyte	MB MB		RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
	Result	Qualifier							
Benzene	<0.00139	U	0.00200	0.00139	mg/Kg		12/02/25 11:58	12/02/25 22:41	1
Toluene	<0.00200	U	0.00200	0.00200	mg/Kg		12/02/25 11:58	12/02/25 22:41	1
Ethylbenzene	<0.00109	U	0.00200	0.00109	mg/Kg		12/02/25 11:58	12/02/25 22:41	1
m-Xylene & p-Xylene	<0.00229	U	0.00400	0.00229	mg/Kg		12/02/25 11:58	12/02/25 22:41	1
o-Xylene	<0.00158	U	0.00200	0.00158	mg/Kg		12/02/25 11:58	12/02/25 22:41	1
Xylenes, Total	<0.00229	U	0.00400	0.00229	mg/Kg		12/02/25 11:58	12/02/25 22:41	1

Surrogate	MB MB		Limits	Prepared	Analyzed	Dil Fac
	%Recovery	Qualifier				
4-Bromofluorobenzene (Surr)	113		70 - 130	12/02/25 11:58	12/02/25 22:41	1
1,4-Difluorobenzene (Surr)	111		70 - 130	12/02/25 11:58	12/02/25 22:41	1

Lab Sample ID: LCS 880-125407/1-A
Matrix: Solid
Analysis Batch: 125340

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 125407

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits	
Benzene	0.100	0.08951		mg/Kg		90	70 - 130	
Toluene	0.100	0.09450		mg/Kg		94	70 - 130	

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QC Sample Results

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

Method: 8021B - Volatile Organic Compounds (GC) (Continued)

Lab Sample ID: LCS 880-125407/1-A

Matrix: Solid

Analysis Batch: 125340

Client Sample ID: Lab Control Sample

Prep Type: Total/NA

Prep Batch: 125407

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec Limits
Ethylbenzene	0.100	0.09583		mg/Kg		96	70 - 130
m-Xylene & p-Xylene	0.200	0.1972		mg/Kg		99	70 - 130
o-Xylene	0.100	0.1017		mg/Kg		102	70 - 130

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	112		70 - 130
1,4-Difluorobenzene (Surr)	110		70 - 130

Lab Sample ID: LCSD 880-125407/2-A

Matrix: Solid

Analysis Batch: 125340

Client Sample ID: Lab Control Sample Dup

Prep Type: Total/NA

Prep Batch: 125407

Analyte	Spike Added	LCSD Result	LCSD Qualifier	Unit	D	%Rec	%Rec Limits	RPD	Limit
Benzene	0.100	0.08368		mg/Kg		84	70 - 130	7	35
Toluene	0.100	0.08756		mg/Kg		88	70 - 130	8	35
Ethylbenzene	0.100	0.08809		mg/Kg		88	70 - 130	8	35
m-Xylene & p-Xylene	0.200	0.1791		mg/Kg		90	70 - 130	10	35
o-Xylene	0.100	0.09156		mg/Kg		92	70 - 130	11	35

Surrogate	LCSD %Recovery	LCSD Qualifier	Limits
4-Bromofluorobenzene (Surr)	111		70 - 130
1,4-Difluorobenzene (Surr)	98		70 - 130

QC Association Summary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

GC VOA

Prep Batch: 125282

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-64724-A-21-C MB	Method Blank	Total/NA	Solid	5035	

Prep Batch: 125339

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
MB 880-125339/5-A	Method Blank	Total/NA	Solid	5035	

Analysis Batch: 125340

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65544-9	PSB-6-4'	Total/NA	Solid	8021B	125407
MB 880-125339/5-A	Method Blank	Total/NA	Solid	8021B	125339
MB 880-125407/5-A	Method Blank	Total/NA	Solid	8021B	125407
LCS 880-125407/1-A	Lab Control Sample	Total/NA	Solid	8021B	125407
LCSD 880-125407/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	125407

Analysis Batch: 125341

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65544-1	PSB-6-.5'	Total/NA	Solid	8021B	125383
880-65544-2	PSB-6-2'	Total/NA	Solid	8021B	125383
880-65544-3	PSB-7-.5'	Total/NA	Solid	8021B	125383
880-65544-4	PSB-7-2'	Total/NA	Solid	8021B	125383
880-65544-5	PSB-8-.5'	Total/NA	Solid	8021B	125383
880-65544-6	PSB-8-2'	Total/NA	Solid	8021B	125383
880-65544-7	PSB-9-.5'	Total/NA	Solid	8021B	125383
880-65544-8	PSB-5-2'	Total/NA	Solid	8021B	125383
880-64724-A-21-C MB	Method Blank	Total/NA	Solid	8021B	125282
MB 880-125383/5-A	Method Blank	Total/NA	Solid	8021B	125383
LCS 880-125383/1-A	Lab Control Sample	Total/NA	Solid	8021B	125383
LCSD 880-125383/2-A	Lab Control Sample Dup	Total/NA	Solid	8021B	125383

Prep Batch: 125383

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65544-1	PSB-6-.5'	Total/NA	Solid	5030B	
880-65544-2	PSB-6-2'	Total/NA	Solid	5030B	
880-65544-3	PSB-7-.5'	Total/NA	Solid	5030B	
880-65544-4	PSB-7-2'	Total/NA	Solid	5030B	
880-65544-5	PSB-8-.5'	Total/NA	Solid	5030B	
880-65544-6	PSB-8-2'	Total/NA	Solid	5030B	
880-65544-7	PSB-9-.5'	Total/NA	Solid	5030B	
880-65544-8	PSB-5-2'	Total/NA	Solid	5030B	
MB 880-125383/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-125383/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-125383/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	

Prep Batch: 125407

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65544-9	PSB-6-4'	Total/NA	Solid	5030B	
MB 880-125407/5-A	Method Blank	Total/NA	Solid	5030B	
LCS 880-125407/1-A	Lab Control Sample	Total/NA	Solid	5030B	
LCSD 880-125407/2-A	Lab Control Sample Dup	Total/NA	Solid	5030B	

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QC Association Summary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

GC VOA

Analysis Batch: 125526

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
880-65544-1	PSB-6-.5'	Total/NA	Solid	Total BTEX	
880-65544-2	PSB-6-2'	Total/NA	Solid	Total BTEX	
880-65544-3	PSB-7-.5'	Total/NA	Solid	Total BTEX	
880-65544-4	PSB-7-2'	Total/NA	Solid	Total BTEX	
880-65544-5	PSB-8-.5'	Total/NA	Solid	Total BTEX	
880-65544-6	PSB-8-2'	Total/NA	Solid	Total BTEX	
880-65544-7	PSB-9-.5'	Total/NA	Solid	Total BTEX	
880-65544-8	PSB-5-2'	Total/NA	Solid	Total BTEX	
880-65544-9	PSB-6-4'	Total/NA	Solid	Total BTEX	

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

Client Sample ID: PSB-6-.5'

Lab Sample ID: 880-65544-1

Date Collected: 12/01/25 08:30

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.95 g	5 mL	125383	12/02/25 11:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125341	12/03/25 03:56	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			125526	12/03/25 03:56	SA	EET MID

Client Sample ID: PSB-6-2'

Lab Sample ID: 880-65544-2

Date Collected: 12/01/25 08:40

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.01 g	5 mL	125383	12/02/25 11:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125341	12/03/25 04:17	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			125526	12/03/25 04:17	SA	EET MID

Client Sample ID: PSB-7-.5'

Lab Sample ID: 880-65544-3

Date Collected: 12/01/25 09:20

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.00 g	5 mL	125383	12/02/25 11:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125341	12/03/25 04:38	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			125526	12/03/25 04:38	SA	EET MID

Client Sample ID: PSB-7-2'

Lab Sample ID: 880-65544-4

Date Collected: 12/01/25 09:30

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.03 g	5 mL	125383	12/02/25 11:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125341	12/03/25 04:58	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			125526	12/03/25 04:58	SA	EET MID

Client Sample ID: PSB-8-.5'

Lab Sample ID: 880-65544-5

Date Collected: 12/01/25 11:20

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.05 g	5 mL	125383	12/02/25 11:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125341	12/03/25 05:19	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			125526	12/03/25 05:19	SA	EET MID

Lab Chronicle

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

Client Sample ID: PSB-8-2'

Lab Sample ID: 880-65544-6

Date Collected: 12/01/25 11:30

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.04 g	5 mL	125383	12/02/25 11:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125341	12/03/25 05:39	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			125526	12/03/25 05:39	SA	EET MID

Client Sample ID: PSB-9-.5'

Lab Sample ID: 880-65544-7

Date Collected: 12/01/25 14:00

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.96 g	5 mL	125383	12/02/25 11:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125341	12/03/25 05:59	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			125526	12/03/25 05:59	SA	EET MID

Client Sample ID: PSB-5-2'

Lab Sample ID: 880-65544-8

Date Collected: 12/01/25 14:10

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			4.97 g	5 mL	125383	12/02/25 11:01	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125341	12/03/25 06:20	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			125526	12/03/25 06:20	SA	EET MID

Client Sample ID: PSB-6-4'

Lab Sample ID: 880-65544-9

Date Collected: 12/01/25 15:30

Matrix: Solid

Date Received: 12/01/25 17:49

Prep Type	Batch Type	Batch Method	Run	Dil Factor	Initial Amount	Final Amount	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5030B			5.01 g	5 mL	125407	12/02/25 11:58	MNR	EET MID
Total/NA	Analysis	8021B		1	5 mL	5 mL	125340	12/03/25 05:43	MNR	EET MID
Total/NA	Analysis	Total BTEX		1			125526	12/03/25 05:43	SA	EET MID

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440

Accreditation/Certification Summary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

Laboratory: Eurofins Midland

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

Authority	Program	Identification Number	Expiration Date
Texas	NELAP	T104704400	06-30-26

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
Total BTEX		Solid	Total BTEX

- 1
- 2
- 3
- 4
- 5
- 6
- 7
- 8
- 9
- 10
- 11
- 12
- 13

Method Summary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

Method	Method Description	Protocol	Laboratory
8021B	Volatile Organic Compounds (GC)	SW846	EET MID
Total BTEX	Total BTEX Calculation	TAL SOP	EET MID
5030B	Purge and Trap	SW846	EET MID

Protocol References:

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.
TAL SOP = TestAmerica Laboratories, Standard Operating Procedure

Laboratory References:

EET MID = Eurofins Midland, 1211 W. Florida Ave, Midland, TX 79701, TEL (432)704-5440



Sample Summary

Client: Arcadis US Inc.
Project/Site: WLU 99

Job ID: 880-65544-2

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Sample Origin
880-65544-1	PSB-6-.5'	Solid	12/01/25 08:30	12/01/25 17:49	Texas
880-65544-2	PSB-6-2'	Solid	12/01/25 08:40	12/01/25 17:49	Texas
880-65544-3	PSB-7-.5'	Solid	12/01/25 09:20	12/01/25 17:49	Texas
880-65544-4	PSB-7-2'	Solid	12/01/25 09:30	12/01/25 17:49	Texas
880-65544-5	PSB-8-.5'	Solid	12/01/25 11:20	12/01/25 17:49	Texas
880-65544-6	PSB-8-2'	Solid	12/01/25 11:30	12/01/25 17:49	Texas
880-65544-7	PSB-9-.5'	Solid	12/01/25 14:00	12/01/25 17:49	Texas
880-65544-8	PSB-5-2'	Solid	12/01/25 14:10	12/01/25 17:49	Texas
880-65544-9	PSB-6-4'	Solid	12/01/25 15:30	12/01/25 17:49	Texas

- 1
- 2
- 3
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- 5
- 6
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- 8
- 9
- 10
- 11
- 12
- 13

Login Sample Receipt Checklist

Client: Arcadis US Inc.

Job Number: 880-65544-2

SDG Number:

Login Number: 65544

List Number: 1

Creator: Neeld, Linsey

List Source: Eurofins Midland

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

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

Eurofins Midland

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State of New Mexico
Energy, Minerals and Natural Resources
Oil Conservation Division
1220 S. St Francis Dr.
Santa Fe, NM 87505

QUESTIONS

Action 543670

QUESTIONS

Operator: CHEVRON U S A INC 6301 Deauville Blvd Midland, TX 79706	OGRID: 4323
	Action Number: 543670
	Action Type: [C-141] Site Char./Remediation Plan C-141 (C-141-v-Plan)

QUESTIONS

Prerequisites	
Incident ID (n#)	nCH1825351115
Incident Name	NCH1825351115 WEST LOVINGTON UNIT #009 @ 30-025-31521
Incident Type	Produced Water Release
Incident Status	Remediation Plan Received
Incident Well	[30-025-31521] WEST LOVINGTON UNIT #099

Location of Release Source	
<i>Please answer all the questions in this group.</i>	
Site Name	West Lovington Unit #009
Date Release Discovered	08/24/2018
Surface Owner	Private

Incident Details	
<i>Please answer all the questions in this group.</i>	
Incident Type	Produced Water Release
Did this release result in a fire or is the result of a fire	No
Did this release result in any injuries	No
Has this release reached or does it have a reasonable probability of reaching a watercourse	No
Has this release endangered or does it have a reasonable probability of endangering public health	No
Has this release substantially damaged or will it substantially damage property or the environment	No
Is this release of a volume that is or may with reasonable probability be detrimental to fresh water	No

Nature and Volume of Release	
<i>Material(s) released, please answer all that apply below. Any calculations or specific justifications for the volumes provided should be attached to the follow-up C-141 submission.</i>	
Crude Oil Released (bbls) Details	Not answered.
Produced Water Released (bbls) Details	Cause: Corrosion Flow Line - Injection Produced Water Released: 20 BBL Recovered: 12 BBL Lost: 8 BBL.
Is the concentration of chloride in the produced water >10,000 mg/l	No
Condensate Released (bbls) Details	Not answered.
Natural Gas Vented (Mcf) Details	Not answered.
Natural Gas Flared (Mcf) Details	Not answered.
Other Released Details	Not answered.
Are there additional details for the questions above (i.e. any answer containing Other, Specify, Unknown, and/or Fire, or any negative lost amounts)	Not answered.

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QUESTIONS, Page 2

Action 543670

QUESTIONS (continued)

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QUESTIONS

Nature and Volume of Release (continued)	
Is this a gas only submission (i.e. only significant Mcf values reported)	No, according to supplied volumes this does not appear to be a "gas only" report.
Was this a major release as defined by Subsection A of 19.15.29.7 NMAC	No
Reasons why this would be considered a submission for a notification of a major release	<i>Unavailable.</i>

With the implementation of the 19.15.27 NMAC (05/25/2021), venting and/or flaring of natural gas (i.e. gas only) are to be submitted on the C-129 form.

Initial Response

The responsible party must undertake the following actions immediately unless they could create a safety hazard that would result in injury.

The source of the release has been stopped	True
The impacted area has been secured to protect human health and the environment	True
Released materials have been contained via the use of berms or dikes, absorbent pads, or other containment devices	True
All free liquids and recoverable materials have been removed and managed appropriately	True
If all the actions described above have not been undertaken, explain why	<i>Not answered.</i>

Per Paragraph (4) of Subsection B of 19.15.29.8 NMAC the responsible party may commence remediation immediately after discovery of a release. If remediation has begun, please prepare and attach a narrative of actions to date in the follow-up C-141 submission. If remedial efforts have been successfully completed or if the release occurred within a lined containment area (see Subparagraph (a) of Paragraph (5) of Subsection A of 19.15.29.11 NMAC), please prepare and attach all information needed for closure evaluation in the follow-up C-141 submission.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Chris Brand Title: Lead Environmental Specialist Email: Chrisbrand@chevron.com Date: 01/15/2026
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QUESTIONS, Page 3

Action 543670

QUESTIONS (continued)

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QUESTIONS

Site Characterization
Please answer all the questions in this group (only required when seeking remediation plan approval and beyond). This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

What is the shallowest depth to groundwater beneath the area affected by the release in feet below ground surface (ft bgs)	Between 51 and 75 (ft.)
What method was used to determine the depth to ground water	Direct Measurement
Did this release impact groundwater or surface water	No
What is the minimum distance, between the closest lateral extents of the release and the following surface areas:	
A continuously flowing watercourse or any other significant watercourse	Greater than 5 (mi.)
Any lakebed, sinkhole, or playa lake (measured from the ordinary high-water mark)	Between 1 and 5 (mi.)
An occupied permanent residence, school, hospital, institution, or church	Between 1 and 5 (mi.)
A spring or a private domestic fresh water well used by less than five households for domestic or stock watering purposes	Between 1000 (ft.) and ½ (mi.)
Any other fresh water well or spring	Between 1000 (ft.) and ½ (mi.)
Incorporated municipal boundaries or a defined municipal fresh water well field	Between 1 and 5 (mi.)
A wetland	Between ½ and 1 (mi.)
A subsurface mine	Greater than 5 (mi.)
An (non-karst) unstable area	Greater than 5 (mi.)
Categorize the risk of this well / site being in a karst geology	Low
A 100-year floodplain	Greater than 5 (mi.)
Did the release impact areas not on an exploration, development, production, or storage site	No

Remediation Plan
Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

Requesting a remediation plan approval with this submission	Yes
<i>Attach a comprehensive report demonstrating the lateral and vertical extents of soil contamination associated with the release have been determined, pursuant to 19.15.29.11 NMAC and 19.15.29.13 NMAC.</i>	
Have the lateral and vertical extents of contamination been fully delineated	Yes
Was this release entirely contained within a lined containment area	No

Soil Contamination Sampling: (Provide the highest observable value for each, in milligrams per kilograms.)

Chloride (EPA 300.0 or SM4500 Cl B)	801
TPH (GRO+DRO+MRO) (EPA SW-846 Method 8015M)	814
GRO+DRO (EPA SW-846 Method 8015M)	640
BTEX (EPA SW-846 Method 8021B or 8260B)	0
Benzene (EPA SW-846 Method 8021B or 8260B)	0

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

On what estimated date will the remediation commence	02/16/2026
On what date will (or did) the final sampling or liner inspection occur	02/23/2026
On what date will (or was) the remediation complete(d)	04/06/2026
What is the estimated surface area (in square feet) that will be reclaimed	4000
What is the estimated volume (in cubic yards) that will be reclaimed	600
What is the estimated surface area (in square feet) that will be remediated	4000
What is the estimated volume (in cubic yards) that will be remediated	600

These estimated dates and measurements are recognized to be the best guess or calculation at the time of submission and may (be) change(d) over time as more remediation efforts are completed. The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 4

Action 543670

QUESTIONS (continued)

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QUESTIONS

Remediation Plan (continued)

Please answer all the questions that apply or are indicated. This information must be provided to the appropriate district office no later than 90 days after the release discovery date.

This remediation will (or is expected to) utilize the following processes to remediate / reduce contaminants:

(Select all answers below that apply.)

(Ex Situ) Excavation and off-site disposal (i.e. dig and haul, hydrovac, etc.)	Yes
Which OCD approved facility will be used for off-site disposal	FEEM0112342028 LEA LAND LANDFILL
OR which OCD approved well (API) will be used for off-site disposal	Not answered.
OR is the off-site disposal site, to be used, out-of-state	No
OR is the off-site disposal site, to be used, an NMED facility	No
(Ex Situ) Excavation and on-site remediation (i.e. On-Site Land Farms)	No
(In Situ) Soil Vapor Extraction	No
(In Situ) Chemical processing (i.e. Soil Shredding, Potassium Permanganate, etc.)	No
(In Situ) Biological processing (i.e. Microbes / Fertilizer, etc.)	No
(In Situ) Physical processing (i.e. Soil Washing, Gypsum, Disking, etc.)	No
Ground Water Abatement pursuant to 19.15.30 NMAC	No
OTHER (Non-listed remedial process)	No

Per Subsection B of 19.15.29.11 NMAC unless the site characterization report includes completed efforts at remediation, the report must include a proposed remediation plan in accordance with 19.15.29.12 NMAC, which includes the anticipated timelines for beginning and completing the remediation.

I hereby certify that the information given above is true and complete to the best of my knowledge and understand that pursuant to OCD rules and regulations all operators are required to report and/or file certain release notifications and perform corrective actions for releases which may endanger public health or the environment. The acceptance of a C-141 report by the OCD does not relieve the operator of liability should their operations have failed to adequately investigate and remediate contamination that pose a threat to groundwater, surface water, human health or the environment. In addition, OCD acceptance of a C-141 report does not relieve the operator of responsibility for compliance with any other federal, state, or local laws and/or regulations.

I hereby agree and sign off to the above statement	Name: Chris Brand Title: Lead Environmental Specialist Email: Chrisbrand@chevron.com Date: 01/15/2026
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The OCD recognizes that proposed remediation measures may have to be minimally adjusted in accordance with the physical realities encountered during remediation. If the responsible party has any need to significantly deviate from the remediation plan proposed, then it should consult with the division to determine if another remediation plan submission is required.

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QUESTIONS, Page 5

Action 543670

QUESTIONS (continued)

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QUESTIONS

Deferral Requests Only	
<i>Only answer the questions in this group if seeking a deferral upon approval this submission. Each of the following items must be confirmed as part of any request for deferral of remediation.</i>	
Requesting a deferral of the remediation closure due date with the approval of this submission	No

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QUESTIONS, Page 6

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QUESTIONS (continued)

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QUESTIONS

Sampling Event Information

Last sampling notification (C-141N) recorded	{Unavailable.}
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Remediation Closure Request

Only answer the questions in this group if seeking remediation closure for this release because all remediation steps have been completed.

Requesting a remediation closure approval with this submission	No
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CONDITIONS

Action 543670

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CONDITIONS

Created By	Condition	Condition Date
rhamlet	The Remediation Plan is Conditionally Approved. Please collect confirmation closure samples, representing no more than 200 ft2. All samples must be analyzed for all constituents listed in Table I of 19.15.29.12 NMAC. Floor confirmation samples should be delineated/excavated to meet closure criteria standards from Table 1 of the OCD Spill Rule for site receptor characterization/proven depth to water determination. Please make sure that the edge of the release extent is accurately defined. Sidewall/edge samples should be delineated/excavated to 600 mg/kg for chlorides and 100 mg/kg for TPH to define the edge of the release. All off-pad areas must meet reclamation standards in the OCD Spill Rule. The work will need to be completed in 90 days after the report has been reviewed.	1/21/2026