

APPENDIX II

ANALYTICAL RESULTS



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Atlas Technical Consultants

Mika Miyamoto

17619 NE 67th Court, Suite 100

Redmond, WA 98052

RE: Brickyard Soil Sampling, 0001842, Phase 17, Task 8

Work Order Number: 2509601

October 02, 2025

Attention Mika Miyamoto:

Alliance Technical Group, LLC - Seattle received 12 sample(s) on 9/24/2025 for the analyses presented in the following report.

Diesel and Heavy Oil by NWTPH-Dx

Gasoline by NWTPH-Gx

PAHs by EPA Method 8270E SIM

Sample Moisture (Percent Moisture)

Total Metals by EPA 6020B

Volatile Organic Compounds by EPA 8260D

All analyses were performed according to our accredited Quality Assurance program. Please contact the laboratory if you should have any questions about the results.

Alliance Technical Group is committed to accuracy, speed, and customer service. Thank you for choosing Alliance Technical Group's Seattle laboratory team for your analytical needs. We appreciate this opportunity to serve you!

Sincerely,

A handwritten signature in black ink, appearing to be "LR" or "Lyann Rivera", written in a cursive style.

Lyann Rivera
Project Manager

DoD-ELAP Accreditation #79636 by PJLA, ISO/IEC 17025:2017 and QSM 5.4 for Environmental Testing
ORELAP Certification: WA 100009 (NELAP Recognized) for Environmental Testing
Washington State Department of Ecology Accredited for Environmental Testing, Lab ID C910



Original

www.fremontanalytical.com

CLIENT: Atlas Technical Consultants
Project: Brickyard Soil Sampling
Work Order: 2509601

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
2509601-001	TP-2-4	09/24/2025 11:30 AM	09/24/2025 4:38 PM
2509601-002	TP-4-3	09/24/2025 12:00 PM	09/24/2025 4:38 PM
2509601-003	TP-4-5	09/24/2025 12:10 PM	09/24/2025 4:38 PM
2509601-004	TP-4-7	09/24/2025 12:15 PM	09/24/2025 4:38 PM
2509601-005	TP-1-4	09/24/2025 1:00 PM	09/24/2025 4:38 PM
2509601-006	TP-6-3	09/24/2025 1:30 PM	09/24/2025 4:38 PM
2509601-007	TP-6-5	09/24/2025 1:55 PM	09/24/2025 4:38 PM
2509601-008	TP-6-7	09/24/2025 2:05 PM	09/24/2025 4:38 PM
2509601-009	TP-5-3	09/24/2025 2:20 PM	09/24/2025 4:38 PM
2509601-010	TP-5-5	09/24/2025 2:35 PM	09/24/2025 4:38 PM
2509601-011	TP-5-7	09/24/2025 2:45 PM	09/24/2025 4:38 PM
2509601-012	TP-3-4	09/24/2025 3:05 PM	09/24/2025 4:38 PM

Note: If no "Time Collected" is supplied, a default of 12:00AM is assigned

CLIENT: Atlas Technical Consultants

Project: Brickyard Soil Sampling

I. SAMPLE RECEIPT:

Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:

Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

Matrix Spike (MS) and MS Duplicate (MSD) samples are tested from an analytical batch of "like" matrix to check for possible matrix effect. The MS and MSD will provide site specific matrix data only for those samples which are spiked by the laboratory. The sample chosen for spike purposes may or may not have been a sample submitted in this sample delivery group. The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples and the MS/MSD to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:

Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

Qualifiers:

- * - Flagged value is not within established control limits
- B - Analyte detected in the associated Method Blank
- D - Dilution was required
- E - Value above quantitation range
- H - Holding times for preparation or analysis exceeded
- I - Analyte with an internal standard that does not meet established acceptance criteria
- J - Analyte detected below Reporting Limit
- N - Tentatively Identified Compound (TIC)
- Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria
- S - Spike recovery outside accepted recovery limits
- ND - Not detected at the Reporting Limit
- R - High relative percent difference observed

Acronyms:

- %Rec - Percent Recovery
- CCB - Continued Calibration Blank
- CCV - Continued Calibration Verification
- DF - Dilution Factor
- DUP - Sample Duplicate
- HEM - Hexane Extractable Material
- ICV - Initial Calibration Verification
- LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
- MCL - Maximum Contaminant Level
- MB or MBLANK - Method Blank
- MDL - Method Detection Limit
- MS/MSD - Matrix Spike / Matrix Spike Duplicate
- PDS - Post Digestion Spike
- Ref Val - Reference Value
- REP - Sample Replicate
- RL - Reporting Limit
- RPD - Relative Percent Difference
- SD - Serial Dilution
- SGT - Silica Gel Treatment
- SPK - Spike
- Surr - Surrogate



Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 11:30:00 AM

Project: Brickyard Soil Sampling

Lab ID: 2509601-001

Matrix: Soil

Client Sample ID: TP-2-4

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Diesel and Heavy Oil by NWTPH-Dx

Batch ID: 49414

Analyst: ZD

Diesel Range Organics	ND	62.9		mg/Kg-dry	1	9/30/2025 6:22:19 PM
Heavy Oil	259	126		mg/Kg-dry	1	9/30/2025 6:22:19 PM
Total Petroleum Hydrocarbons	259	189		mg/Kg-dry	1	9/30/2025 6:22:19 PM
Surr: 2-Fluorobiphenyl	130	50 - 150		%Rec	1	9/30/2025 6:22:19 PM
Surr: o-Terphenyl	147	50 - 150		%Rec	1	9/30/2025 6:22:19 PM

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

Naphthalene	ND	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
2-Methylnaphthalene	ND	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
1-Methylnaphthalene	ND	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Acenaphthylene	ND	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Acenaphthene	ND	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Fluorene	ND	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Phenanthrene	0.0524	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Anthracene	ND	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Fluoranthene	0.135	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Pyrene	0.121	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Benz(a)anthracene	0.0518	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Chrysene	0.0868	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Benzo(b)fluoranthene	0.0986	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Benzo(k)fluoranthene	0.0504	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Benzo(a)pyrene	0.0773	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Indeno(1,2,3-cd)pyrene	0.0783	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Dibenz(a,h)anthracene	0.0357	0.0238		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Benzo(g,h,i)perylene	0.0794	0.0477		mg/Kg-dry	1	9/30/2025 4:56:23 PM
Surr: 2-Fluorobiphenyl	65.5	44.7 - 160		%Rec	1	9/30/2025 4:56:23 PM
Surr: Terphenyl-d14 (surr)	63.9	52.1 - 159		%Rec	1	9/30/2025 4:56:23 PM

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

Gasoline Range Organics	ND	7.48		mg/Kg-dry	1	9/26/2025 5:45:42 PM
Surr: Toluene-d8	94.9	65 - 135		%Rec	1	9/26/2025 5:45:42 PM
Surr: 4-Bromofluorobenzene	94.1	65 - 135		%Rec	1	9/26/2025 5:45:42 PM

Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Benzene	ND	0.0180		mg/Kg-dry	1	9/26/2025 5:45:42 PM
Toluene	ND	0.0374		mg/Kg-dry	1	9/26/2025 5:45:42 PM

Original

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 11:30:00 AM

Project: Brickyard Soil Sampling

Lab ID: 2509601-001

Matrix: Soil

Client Sample ID: TP-2-4

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Ethylbenzene	ND	0.0374		mg/Kg-dry	1	9/26/2025 5:45:42 PM
m,p-Xylene	ND	0.0748		mg/Kg-dry	1	9/26/2025 5:45:42 PM
o-Xylene	ND	0.0374		mg/Kg-dry	1	9/26/2025 5:45:42 PM
Surr: Dibromofluoromethane	100	74.8 - 121		%Rec	1	9/26/2025 5:45:42 PM
Surr: Toluene-d8	105	79.6 - 120		%Rec	1	9/26/2025 5:45:42 PM
Surr: 1-Bromo-4-fluorobenzene	102	53 - 139		%Rec	1	9/26/2025 5:45:42 PM

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

Arsenic	23.6	0.261		mg/Kg-dry	1	10/1/2025 3:45:00 PM
Barium	183	1.30		mg/Kg-dry	1	10/1/2025 3:45:00 PM
Cadmium	0.583	0.0261		mg/Kg-dry	1	10/1/2025 3:45:00 PM
Chromium	44.5	0.652		mg/Kg-dry	1	10/1/2025 3:45:00 PM
Copper	50.5	2.61		mg/Kg-dry	1	10/1/2025 3:45:00 PM
Lead	178	0.261		mg/Kg-dry	1	10/1/2025 3:45:00 PM
Mercury	0.0616	0.0522		mg/Kg-dry	1	10/1/2025 3:45:00 PM
Nickel	51.0	0.391		mg/Kg-dry	1	10/1/2025 3:45:00 PM
Selenium	0.651	0.261		mg/Kg-dry	1	10/1/2025 3:45:00 PM
Silver	ND	0.391		mg/Kg-dry	1	10/1/2025 3:45:00 PM
Zinc	266	3.91		mg/Kg-dry	1	10/1/2025 3:45:00 PM

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	21.5	0.500		wt%	1	9/30/2025 9:33:34 AM
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Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 12:00:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-002

Matrix: Soil

Client Sample ID: TP-4-3

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Diesel and Heavy Oil by NWTPH-Dx

Batch ID: 49414

Analyst: ZD

Diesel Range Organics	ND	64.2		mg/Kg-dry	1	9/30/2025 6:33:59 PM
Heavy Oil	ND	128		mg/Kg-dry	1	9/30/2025 6:33:59 PM
Total Petroleum Hydrocarbons	ND	193		mg/Kg-dry	1	9/30/2025 6:33:59 PM
Surr: 2-Fluorobiphenyl	114	50 - 150		%Rec	1	9/30/2025 6:33:59 PM
Surr: o-Terphenyl	125	50 - 150		%Rec	1	9/30/2025 6:33:59 PM

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

Naphthalene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
2-Methylnaphthalene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
1-Methylnaphthalene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Acenaphthylene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Acenaphthene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Fluorene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Phenanthrene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Anthracene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Fluoranthene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Pyrene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Benz(a)anthracene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Chrysene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Benzo(b)fluoranthene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Benzo(k)fluoranthene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Benzo(a)pyrene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Indeno(1,2,3-cd)pyrene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Dibenz(a,h)anthracene	ND	0.0256		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Benzo(g,h,i)perylene	ND	0.0512		mg/Kg-dry	1	9/30/2025 5:44:02 PM
Surr: 2-Fluorobiphenyl	71.9	44.7 - 160		%Rec	1	9/30/2025 5:44:02 PM
Surr: Terphenyl-d14 (surr)	70.3	52.1 - 159		%Rec	1	9/30/2025 5:44:02 PM

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

Gasoline Range Organics	ND	6.23		mg/Kg-dry	1	9/26/2025 6:39:32 PM
Surr: Toluene-d8	94.1	65 - 135		%Rec	1	9/26/2025 6:39:32 PM
Surr: 4-Bromofluorobenzene	94.6	65 - 135		%Rec	1	9/26/2025 6:39:32 PM

Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Benzene	ND	0.0149		mg/Kg-dry	1	9/26/2025 6:39:32 PM
Toluene	ND	0.0311		mg/Kg-dry	1	9/26/2025 6:39:32 PM

Original



Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 12:00:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-002

Matrix: Soil

Client Sample ID: TP-4-3

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Ethylbenzene	ND	0.0311		mg/Kg-dry	1	9/26/2025 6:39:32 PM
m,p-Xylene	ND	0.0623		mg/Kg-dry	1	9/26/2025 6:39:32 PM
o-Xylene	ND	0.0311		mg/Kg-dry	1	9/26/2025 6:39:32 PM
Surr: Dibromofluoromethane	98.5	74.8 - 121		%Rec	1	9/26/2025 6:39:32 PM
Surr: Toluene-d8	104	79.6 - 120		%Rec	1	9/26/2025 6:39:32 PM
Surr: 1-Bromo-4-fluorobenzene	103	53 - 139		%Rec	1	9/26/2025 6:39:32 PM

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

Arsenic	6.48	0.262		mg/Kg-dry	1	10/1/2025 3:48:00 PM
Barium	128	1.31		mg/Kg-dry	1	10/1/2025 3:48:00 PM
Cadmium	0.0766	0.0262		mg/Kg-dry	1	10/1/2025 3:48:00 PM
Chromium	52.3	0.656		mg/Kg-dry	1	10/1/2025 3:48:00 PM
Copper	29.4	2.62		mg/Kg-dry	1	10/1/2025 3:48:00 PM
Lead	5.88	0.262		mg/Kg-dry	1	10/1/2025 3:48:00 PM
Mercury	0.0671	0.0525		mg/Kg-dry	1	10/1/2025 3:48:00 PM
Nickel	48.9	0.393		mg/Kg-dry	1	10/1/2025 3:48:00 PM
Selenium	0.551	0.262		mg/Kg-dry	1	10/1/2025 3:48:00 PM
Silver	ND	0.393		mg/Kg-dry	1	10/1/2025 3:48:00 PM
Zinc	61.6	3.93		mg/Kg-dry	1	10/1/2025 3:48:00 PM

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	23.1	0.500		wt%	1	9/30/2025 9:33:34 AM
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Client: Atlas Technical Consultants

Collection Date: 9/24/2025 12:10:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-003

Matrix: Soil

Client Sample ID: TP-4-5

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Diesel and Heavy Oil by NWTPH-Dx

Batch ID: 49414

Analyst: ZD

Diesel Range Organics	ND	63.8		mg/Kg-dry	1	9/30/2025 6:45:51 PM
Heavy Oil	ND	128		mg/Kg-dry	1	9/30/2025 6:45:51 PM
Total Petroleum Hydrocarbons	ND	191		mg/Kg-dry	1	9/30/2025 6:45:51 PM
Surr: 2-Fluorobiphenyl	147	50 - 150		%Rec	1	9/30/2025 6:45:51 PM
Surr: o-Terphenyl	162	50 - 150	S	%Rec	1	9/30/2025 6:45:51 PM

NOTES:

S - Outlying surrogate recovery observed (high bias). Sample is non-detect; result meets QC requirements.

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

Naphthalene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
2-Methylnaphthalene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
1-Methylnaphthalene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Acenaphthylene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Acenaphthene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Fluorene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Phenanthrene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Anthracene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Fluoranthene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Pyrene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Benz(a)anthracene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Chrysene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Benzo(b)fluoranthene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Benzo(k)fluoranthene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Benzo(a)pyrene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Indeno(1,2,3-cd)pyrene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Dibenz(a,h)anthracene	ND	0.0246		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Benzo(g,h,i)perylene	ND	0.0492		mg/Kg-dry	1	9/30/2025 6:00:09 PM
Surr: 2-Fluorobiphenyl	70.9	44.7 - 160		%Rec	1	9/30/2025 6:00:09 PM
Surr: Terphenyl-d14 (surr)	64.6	52.1 - 159		%Rec	1	9/30/2025 6:00:09 PM

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

Gasoline Range Organics	ND	6.27		mg/Kg-dry	1	9/26/2025 7:06:21 PM
Surr: Toluene-d8	93.2	65 - 135		%Rec	1	9/26/2025 7:06:21 PM
Surr: 4-Bromofluorobenzene	95.4	65 - 135		%Rec	1	9/26/2025 7:06:21 PM



Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 12:10:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-003

Matrix: Soil

Client Sample ID: TP-4-5

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Benzene	ND	0.0150		mg/Kg-dry	1	9/26/2025 7:06:21 PM
Toluene	ND	0.0313		mg/Kg-dry	1	9/26/2025 7:06:21 PM
Ethylbenzene	ND	0.0313		mg/Kg-dry	1	9/26/2025 7:06:21 PM
m,p-Xylene	ND	0.0627		mg/Kg-dry	1	9/26/2025 7:06:21 PM
o-Xylene	ND	0.0313		mg/Kg-dry	1	9/26/2025 7:06:21 PM
Surr: Dibromofluoromethane	100	74.8 - 121		%Rec	1	9/26/2025 7:06:21 PM
Surr: Toluene-d8	107	79.6 - 120		%Rec	1	9/26/2025 7:06:21 PM
Surr: 1-Bromo-4-fluorobenzene	104	53 - 139		%Rec	1	9/26/2025 7:06:21 PM

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

Arsenic	6.68	0.259		mg/Kg-dry	1	10/1/2025 3:51:00 PM
Barium	153	1.30		mg/Kg-dry	1	10/1/2025 3:51:00 PM
Cadmium	0.0809	0.0259		mg/Kg-dry	1	10/1/2025 3:51:00 PM
Chromium	55.0	0.648		mg/Kg-dry	1	10/1/2025 3:51:00 PM
Copper	31.8	2.59		mg/Kg-dry	1	10/1/2025 3:51:00 PM
Lead	7.15	0.259		mg/Kg-dry	1	10/1/2025 3:51:00 PM
Mercury	0.0825	0.0519		mg/Kg-dry	1	10/1/2025 3:51:00 PM
Nickel	55.2	0.389		mg/Kg-dry	1	10/1/2025 3:51:00 PM
Selenium	0.560	0.259		mg/Kg-dry	1	10/1/2025 3:51:00 PM
Silver	ND	0.389		mg/Kg-dry	1	10/1/2025 3:51:00 PM
Zinc	72.4	3.89		mg/Kg-dry	1	10/1/2025 3:51:00 PM

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	22.9	0.500		wt%	1	9/30/2025 9:33:34 AM
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Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 12:15:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-004

Matrix: Soil

Client Sample ID: TP-4-7

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Diesel and Heavy Oil by NWTPH-Dx

Batch ID: 49414

Analyst: ZD

Diesel Range Organics	ND	64.9		mg/Kg-dry	1	9/30/2025 6:57:35 PM
Heavy Oil	ND	130		mg/Kg-dry	1	9/30/2025 6:57:35 PM
Total Petroleum Hydrocarbons	ND	195		mg/Kg-dry	1	9/30/2025 6:57:35 PM
Surr: 2-Fluorobiphenyl	136	50 - 150		%Rec	1	9/30/2025 6:57:35 PM
Surr: o-Terphenyl	151	50 - 150	S	%Rec	1	9/30/2025 6:57:35 PM

NOTES:

S - Outlying surrogate recovery observed (high bias). Sample is non-detect; result meets QC requirements.

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

Naphthalene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
2-Methylnaphthalene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
1-Methylnaphthalene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Acenaphthylene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Acenaphthene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Fluorene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Phenanthrene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Anthracene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Fluoranthene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Pyrene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Benz(a)anthracene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Chrysene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Benzo(b)fluoranthene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Benzo(k)fluoranthene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Benzo(a)pyrene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Indeno(1,2,3-cd)pyrene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Dibenz(a,h)anthracene	ND	0.0264		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Benzo(g,h,i)perylene	ND	0.0528		mg/Kg-dry	1	9/30/2025 6:16:09 PM
Surr: 2-Fluorobiphenyl	72.0	44.7 - 160		%Rec	1	9/30/2025 6:16:09 PM
Surr: Terphenyl-d14 (surr)	69.4	52.1 - 159		%Rec	1	9/30/2025 6:16:09 PM

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

Gasoline Range Organics	ND	6.64		mg/Kg-dry	1	9/26/2025 7:33:14 PM
Surr: Toluene-d8	94.7	65 - 135		%Rec	1	9/26/2025 7:33:14 PM
Surr: 4-Bromofluorobenzene	94.6	65 - 135		%Rec	1	9/26/2025 7:33:14 PM



Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 12:15:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-004

Matrix: Soil

Client Sample ID: TP-4-7

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Benzene	ND	0.0159		mg/Kg-dry	1	9/26/2025 7:33:14 PM
Toluene	ND	0.0332		mg/Kg-dry	1	9/26/2025 7:33:14 PM
Ethylbenzene	ND	0.0332		mg/Kg-dry	1	9/26/2025 7:33:14 PM
m,p-Xylene	ND	0.0664		mg/Kg-dry	1	9/26/2025 7:33:14 PM
o-Xylene	ND	0.0332		mg/Kg-dry	1	9/26/2025 7:33:14 PM
Surr: Dibromofluoromethane	98.4	74.8 - 121		%Rec	1	9/26/2025 7:33:14 PM
Surr: Toluene-d8	104	79.6 - 120		%Rec	1	9/26/2025 7:33:14 PM
Surr: 1-Bromo-4-fluorobenzene	104	53 - 139		%Rec	1	9/26/2025 7:33:14 PM

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

Arsenic	7.46	0.251		mg/Kg-dry	1	10/1/2025 3:55:00 PM
Barium	185	1.25		mg/Kg-dry	1	10/1/2025 3:55:00 PM
Cadmium	0.119	0.0251		mg/Kg-dry	1	10/1/2025 3:55:00 PM
Chromium	56.7	0.627		mg/Kg-dry	1	10/1/2025 3:55:00 PM
Copper	40.0	2.51		mg/Kg-dry	1	10/1/2025 3:55:00 PM
Lead	8.77	0.251		mg/Kg-dry	1	10/1/2025 3:55:00 PM
Mercury	0.0637	0.0501		mg/Kg-dry	1	10/1/2025 3:55:00 PM
Nickel	65.5	0.376		mg/Kg-dry	1	10/1/2025 3:55:00 PM
Selenium	0.721	0.251		mg/Kg-dry	1	10/1/2025 3:55:00 PM
Silver	ND	0.376		mg/Kg-dry	1	10/1/2025 3:55:00 PM
Zinc	90.7	3.76		mg/Kg-dry	1	10/1/2025 3:55:00 PM

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	25.0	0.500		wt%	1	9/30/2025 9:33:34 AM
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Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 1:00:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-005

Matrix: Soil

Client Sample ID: TP-1-4

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Diesel and Heavy Oil by NWTPH-Dx

Batch ID: 49414

Analyst: ZD

Diesel Range Organics	ND	62.8		mg/Kg-dry	1	9/30/2025 7:09:25 PM
Heavy Oil	ND	126		mg/Kg-dry	1	9/30/2025 7:09:25 PM
Total Petroleum Hydrocarbons	ND	188		mg/Kg-dry	1	9/30/2025 7:09:25 PM
Surr: 2-Fluorobiphenyl	130	50 - 150		%Rec	1	9/30/2025 7:09:25 PM
Surr: o-Terphenyl	144	50 - 150		%Rec	1	9/30/2025 7:09:25 PM

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

Naphthalene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
2-Methylnaphthalene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
1-Methylnaphthalene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Acenaphthylene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Acenaphthene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Fluorene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Phenanthrene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Anthracene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Fluoranthene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Pyrene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Benz(a)anthracene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Chrysene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Benzo(b)fluoranthene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Benzo(k)fluoranthene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Benzo(a)pyrene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Indeno(1,2,3-cd)pyrene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Dibenz(a,h)anthracene	ND	0.0241		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Benzo(g,h,i)perylene	ND	0.0481		mg/Kg-dry	1	9/30/2025 6:32:13 PM
Surr: 2-Fluorobiphenyl	73.0	44.7 - 160		%Rec	1	9/30/2025 6:32:13 PM
Surr: Terphenyl-d14 (surr)	68.7	52.1 - 159		%Rec	1	9/30/2025 6:32:13 PM

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

Gasoline Range Organics	ND	6.34		mg/Kg-dry	1	9/26/2025 8:00:07 PM
Surr: Toluene-d8	94.6	65 - 135		%Rec	1	9/26/2025 8:00:07 PM
Surr: 4-Bromofluorobenzene	95.1	65 - 135		%Rec	1	9/26/2025 8:00:07 PM

Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Benzene	ND	0.0152		mg/Kg-dry	1	9/26/2025 8:00:07 PM
Toluene	ND	0.0317		mg/Kg-dry	1	9/26/2025 8:00:07 PM

Original



Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 1:00:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-005

Matrix: Soil

Client Sample ID: TP-1-4

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Ethylbenzene	ND	0.0317		mg/Kg-dry	1	9/26/2025 8:00:07 PM
m,p-Xylene	ND	0.0634		mg/Kg-dry	1	9/26/2025 8:00:07 PM
o-Xylene	ND	0.0317		mg/Kg-dry	1	9/26/2025 8:00:07 PM
Surr: Dibromofluoromethane	99.1	74.8 - 121		%Rec	1	9/26/2025 8:00:07 PM
Surr: Toluene-d8	105	79.6 - 120		%Rec	1	9/26/2025 8:00:07 PM
Surr: 1-Bromo-4-fluorobenzene	104	53 - 139		%Rec	1	9/26/2025 8:00:07 PM

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

Arsenic	7.04	0.257		mg/Kg-dry	1	10/1/2025 3:58:00 PM
Barium	148	1.29		mg/Kg-dry	1	10/1/2025 3:58:00 PM
Cadmium	0.128	0.0257		mg/Kg-dry	1	10/1/2025 3:58:00 PM
Chromium	46.0	0.643		mg/Kg-dry	1	10/1/2025 3:58:00 PM
Copper	31.0	2.57		mg/Kg-dry	1	10/1/2025 3:58:00 PM
Lead	6.68	0.257		mg/Kg-dry	1	10/1/2025 3:58:00 PM
Mercury	0.0545	0.0514		mg/Kg-dry	1	10/1/2025 3:58:00 PM
Nickel	56.2	0.386		mg/Kg-dry	1	10/1/2025 3:58:00 PM
Selenium	0.541	0.257		mg/Kg-dry	1	10/1/2025 3:58:00 PM
Silver	ND	0.386		mg/Kg-dry	1	10/1/2025 3:58:00 PM
Zinc	73.1	3.86		mg/Kg-dry	1	10/1/2025 3:58:00 PM

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	22.9	0.500		wt%	1	9/30/2025 9:33:34 AM
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Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 1:30:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-006

Matrix: Soil

Client Sample ID: TP-6-3

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Diesel and Heavy Oil by NWTPH-Dx

Batch ID: 49414

Analyst: ZD

Diesel Range Organics	ND	54.0		mg/Kg-dry	1	9/30/2025 7:21:07 PM
Heavy Oil	ND	108		mg/Kg-dry	1	9/30/2025 7:21:07 PM
Total Petroleum Hydrocarbons	ND	162		mg/Kg-dry	1	9/30/2025 7:21:07 PM
Surr: 2-Fluorobiphenyl	116	50 - 150		%Rec	1	9/30/2025 7:21:07 PM
Surr: o-Terphenyl	126	50 - 150		%Rec	1	9/30/2025 7:21:07 PM

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

Naphthalene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
2-Methylnaphthalene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
1-Methylnaphthalene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Acenaphthylene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Acenaphthene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Fluorene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Phenanthrene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Anthracene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Fluoranthene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Pyrene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Benz(a)anthracene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Chrysene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Benzo(b)fluoranthene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Benzo(k)fluoranthene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Benzo(a)pyrene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Indeno(1,2,3-cd)pyrene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Dibenz(a,h)anthracene	ND	0.0201		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Benzo(g,h,i)perylene	ND	0.0403		mg/Kg-dry	1	9/30/2025 6:48:15 PM
Surr: 2-Fluorobiphenyl	74.4	44.7 - 160		%Rec	1	9/30/2025 6:48:15 PM
Surr: Terphenyl-d14 (surr)	69.0	52.1 - 159		%Rec	1	9/30/2025 6:48:15 PM

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

Gasoline Range Organics	ND	5.47		mg/Kg-dry	1	9/26/2025 8:52:32 PM
Surr: Toluene-d8	94.5	65 - 135		%Rec	1	9/26/2025 8:52:32 PM
Surr: 4-Bromofluorobenzene	93.2	65 - 135		%Rec	1	9/26/2025 8:52:32 PM

Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Benzene	ND	0.0131		mg/Kg-dry	1	9/26/2025 8:52:32 PM
Toluene	ND	0.0273		mg/Kg-dry	1	9/26/2025 8:52:32 PM

Original



Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 1:30:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-006

Matrix: Soil

Client Sample ID: TP-6-3

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Ethylbenzene	ND	0.0273		mg/Kg-dry	1	9/26/2025 8:52:32 PM
m,p-Xylene	ND	0.0547		mg/Kg-dry	1	9/26/2025 8:52:32 PM
o-Xylene	ND	0.0273		mg/Kg-dry	1	9/26/2025 8:52:32 PM
Surr: Dibromofluoromethane	99.5	74.8 - 121		%Rec	1	9/26/2025 8:52:32 PM
Surr: Toluene-d8	106	79.6 - 120		%Rec	1	9/26/2025 8:52:32 PM
Surr: 1-Bromo-4-fluorobenzene	102	53 - 139		%Rec	1	9/26/2025 8:52:32 PM

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

Arsenic	3.49	0.220		mg/Kg-dry	1	10/1/2025 4:01:00 PM
Barium	98.2	1.10		mg/Kg-dry	1	10/1/2025 4:01:00 PM
Cadmium	0.0897	0.0220		mg/Kg-dry	1	10/1/2025 4:01:00 PM
Chromium	30.6	0.550		mg/Kg-dry	1	10/1/2025 4:01:00 PM
Copper	20.4	2.20		mg/Kg-dry	1	10/1/2025 4:01:00 PM
Lead	3.63	0.220		mg/Kg-dry	1	10/1/2025 4:01:00 PM
Mercury	ND	0.0440		mg/Kg-dry	1	10/1/2025 4:01:00 PM
Nickel	35.7	0.330		mg/Kg-dry	1	10/1/2025 4:01:00 PM
Selenium	0.315	0.220		mg/Kg-dry	1	10/1/2025 4:01:00 PM
Silver	ND	0.330		mg/Kg-dry	1	10/1/2025 4:01:00 PM
Zinc	41.1	3.30		mg/Kg-dry	1	10/1/2025 4:01:00 PM

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	9.01	0.500		wt%	1	9/30/2025 9:33:34 AM
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Client: Atlas Technical Consultants

Collection Date: 9/24/2025 1:55:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-007

Matrix: Soil

Client Sample ID: TP-6-5

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Diesel and Heavy Oil by NWTPH-Dx

Batch ID: 49414

Analyst: ZD

Diesel Range Organics	ND	63.6		mg/Kg-dry	1	9/30/2025 7:56:20 PM
Heavy Oil	ND	127		mg/Kg-dry	1	9/30/2025 7:56:20 PM
Total Petroleum Hydrocarbons	ND	191		mg/Kg-dry	1	9/30/2025 7:56:20 PM
Surr: 2-Fluorobiphenyl	135	50 - 150		%Rec	1	9/30/2025 7:56:20 PM
Surr: o-Terphenyl	146	50 - 150		%Rec	1	9/30/2025 7:56:20 PM

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

Naphthalene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
2-Methylnaphthalene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
1-Methylnaphthalene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Acenaphthylene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Acenaphthene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Fluorene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Phenanthrene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Anthracene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Fluoranthene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Pyrene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Benz(a)anthracene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Chrysene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Benzo(b)fluoranthene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Benzo(k)fluoranthene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Benzo(a)pyrene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Indeno(1,2,3-cd)pyrene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Dibenz(a,h)anthracene	ND	0.0244		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Benzo(g,h,i)perylene	ND	0.0488		mg/Kg-dry	1	9/30/2025 7:04:20 PM
Surr: 2-Fluorobiphenyl	68.4	44.7 - 160		%Rec	1	9/30/2025 7:04:20 PM
Surr: Terphenyl-d14 (surr)	73.4	52.1 - 159		%Rec	1	9/30/2025 7:04:20 PM

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

Gasoline Range Organics	ND	5.74		mg/Kg-dry	1	9/26/2025 9:19:27 PM
Surr: Toluene-d8	95.3	65 - 135		%Rec	1	9/26/2025 9:19:27 PM
Surr: 4-Bromofluorobenzene	95.2	65 - 135		%Rec	1	9/26/2025 9:19:27 PM

Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Benzene	ND	0.0138		mg/Kg-dry	1	9/26/2025 9:19:27 PM
Toluene	ND	0.0287		mg/Kg-dry	1	9/26/2025 9:19:27 PM

Original



Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 1:55:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-007

Matrix: Soil

Client Sample ID: TP-6-5

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Ethylbenzene	ND	0.0287		mg/Kg-dry	1	9/26/2025 9:19:27 PM
m,p-Xylene	ND	0.0574		mg/Kg-dry	1	9/26/2025 9:19:27 PM
o-Xylene	ND	0.0287		mg/Kg-dry	1	9/26/2025 9:19:27 PM
Surr: Dibromofluoromethane	98.5	74.8 - 121		%Rec	1	9/26/2025 9:19:27 PM
Surr: Toluene-d8	105	79.6 - 120		%Rec	1	9/26/2025 9:19:27 PM
Surr: 1-Bromo-4-fluorobenzene	104	53 - 139		%Rec	1	9/26/2025 9:19:27 PM

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

Arsenic	4.86	0.242		mg/Kg-dry	1	10/1/2025 4:04:00 PM
Barium	160	1.21		mg/Kg-dry	1	10/1/2025 4:04:00 PM
Cadmium	0.161	0.0242		mg/Kg-dry	1	10/1/2025 4:04:00 PM
Chromium	52.6	0.604		mg/Kg-dry	1	10/1/2025 4:04:00 PM
Copper	28.8	2.42		mg/Kg-dry	1	10/1/2025 4:04:00 PM
Lead	7.60	0.242		mg/Kg-dry	1	10/1/2025 4:04:00 PM
Mercury	0.0575	0.0483		mg/Kg-dry	1	10/1/2025 4:04:00 PM
Nickel	56.4	0.363		mg/Kg-dry	1	10/1/2025 4:04:00 PM
Selenium	0.581	0.242		mg/Kg-dry	1	10/1/2025 4:04:00 PM
Silver	ND	0.363		mg/Kg-dry	1	10/1/2025 4:04:00 PM
Zinc	82.5	3.63		mg/Kg-dry	1	10/1/2025 4:04:00 PM

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	22.2	0.500		wt%	1	9/30/2025 9:33:34 AM
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Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 2:05:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-008

Matrix: Soil

Client Sample ID: TP-6-7

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Diesel and Heavy Oil by NWTPH-Dx

Batch ID: 49414

Analyst: ZD

Diesel Range Organics	ND	65.6		mg/Kg-dry	1	9/30/2025 8:08:09 PM
Heavy Oil	ND	131		mg/Kg-dry	1	9/30/2025 8:08:09 PM
Total Petroleum Hydrocarbons	ND	197		mg/Kg-dry	1	9/30/2025 8:08:09 PM
Surr: 2-Fluorobiphenyl	129	50 - 150		%Rec	1	9/30/2025 8:08:09 PM
Surr: o-Terphenyl	140	50 - 150		%Rec	1	9/30/2025 8:08:09 PM

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

Naphthalene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
2-Methylnaphthalene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
1-Methylnaphthalene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Acenaphthylene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Acenaphthene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Fluorene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Phenanthrene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Anthracene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Fluoranthene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Pyrene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Benz(a)anthracene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Chrysene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Benzo(b)fluoranthene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Benzo(k)fluoranthene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Benzo(a)pyrene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Indeno(1,2,3-cd)pyrene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Dibenz(a,h)anthracene	ND	0.0251		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Benzo(g,h,i)perylene	ND	0.0501		mg/Kg-dry	1	9/30/2025 7:20:26 PM
Surr: 2-Fluorobiphenyl	70.0	44.7 - 160		%Rec	1	9/30/2025 7:20:26 PM
Surr: Terphenyl-d14 (surr)	66.2	52.1 - 159		%Rec	1	9/30/2025 7:20:26 PM

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

Gasoline Range Organics	ND	8.24		mg/Kg-dry	1	9/26/2025 9:46:19 PM
Surr: Toluene-d8	95.7	65 - 135		%Rec	1	9/26/2025 9:46:19 PM
Surr: 4-Bromofluorobenzene	94.0	65 - 135		%Rec	1	9/26/2025 9:46:19 PM

Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Benzene	ND	0.0198		mg/Kg-dry	1	9/26/2025 9:46:19 PM
Toluene	ND	0.0412		mg/Kg-dry	1	9/26/2025 9:46:19 PM

Original



Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 2:05:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-008

Matrix: Soil

Client Sample ID: TP-6-7

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Ethylbenzene	ND	0.0412		mg/Kg-dry	1	9/26/2025 9:46:19 PM
m,p-Xylene	ND	0.0824		mg/Kg-dry	1	9/26/2025 9:46:19 PM
o-Xylene	ND	0.0412		mg/Kg-dry	1	9/26/2025 9:46:19 PM
Surr: Dibromofluoromethane	97.1	74.8 - 121		%Rec	1	9/26/2025 9:46:19 PM
Surr: Toluene-d8	104	79.6 - 120		%Rec	1	9/26/2025 9:46:19 PM
Surr: 1-Bromo-4-fluorobenzene	103	53 - 139		%Rec	1	9/26/2025 9:46:19 PM

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

Arsenic	6.20	0.265		mg/Kg-dry	1	10/1/2025 4:07:00 PM
Barium	153	1.32		mg/Kg-dry	1	10/1/2025 4:07:00 PM
Cadmium	0.0911	0.0265		mg/Kg-dry	1	10/1/2025 4:07:00 PM
Chromium	56.6	0.662		mg/Kg-dry	1	10/1/2025 4:07:00 PM
Copper	35.2	2.65		mg/Kg-dry	1	10/1/2025 4:07:00 PM
Lead	6.75	0.265		mg/Kg-dry	1	10/1/2025 4:07:00 PM
Mercury	0.0715	0.0530		mg/Kg-dry	1	10/1/2025 4:07:00 PM
Nickel	59.7	0.397		mg/Kg-dry	1	10/1/2025 4:07:00 PM
Selenium	0.540	0.265		mg/Kg-dry	1	10/1/2025 4:07:00 PM
Silver	ND	0.397		mg/Kg-dry	1	10/1/2025 4:07:00 PM
Zinc	71.4	3.97		mg/Kg-dry	1	10/1/2025 4:07:00 PM

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	24.5	0.500		wt%	1	9/30/2025 9:33:34 AM
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Client: Atlas Technical Consultants

Collection Date: 9/24/2025 2:20:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-009

Matrix: Soil

Client Sample ID: TP-5-3

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Diesel and Heavy Oil by NWTPH-Dx

Batch ID: 49414

Analyst: ZD

Diesel Range Organics	ND	62.5		mg/Kg-dry	1	9/30/2025 8:55:18 PM
Heavy Oil	ND	125		mg/Kg-dry	1	9/30/2025 8:55:18 PM
Total Petroleum Hydrocarbons	ND	188		mg/Kg-dry	1	9/30/2025 8:55:18 PM
Surr: 2-Fluorobiphenyl	129	50 - 150		%Rec	1	9/30/2025 8:55:18 PM
Surr: o-Terphenyl	142	50 - 150		%Rec	1	9/30/2025 8:55:18 PM

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

Naphthalene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
2-Methylnaphthalene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
1-Methylnaphthalene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Acenaphthylene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Acenaphthene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Fluorene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Phenanthrene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Anthracene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Fluoranthene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Pyrene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Benz(a)anthracene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Chrysene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Benzo(b)fluoranthene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Benzo(k)fluoranthene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Benzo(a)pyrene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Indeno(1,2,3-cd)pyrene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Dibenz(a,h)anthracene	ND	0.0247		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Benzo(g,h,i)perylene	ND	0.0495		mg/Kg-dry	1	9/30/2025 7:36:29 PM
Surr: 2-Fluorobiphenyl	69.3	44.7 - 160		%Rec	1	9/30/2025 7:36:29 PM
Surr: Terphenyl-d14 (surr)	67.9	52.1 - 159		%Rec	1	9/30/2025 7:36:29 PM

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

Gasoline Range Organics	ND	5.69		mg/Kg-dry	1	9/26/2025 10:13:12 PM
Surr: Toluene-d8	94.3	65 - 135		%Rec	1	9/26/2025 10:13:12 PM
Surr: 4-Bromofluorobenzene	94.5	65 - 135		%Rec	1	9/26/2025 10:13:12 PM

Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Benzene	ND	0.0137		mg/Kg-dry	1	9/26/2025 10:13:12 PM
Toluene	ND	0.0285		mg/Kg-dry	1	9/26/2025 10:13:12 PM

Original



Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 2:20:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-009

Matrix: Soil

Client Sample ID: TP-5-3

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Ethylbenzene	ND	0.0285		mg/Kg-dry	1	9/26/2025 10:13:12 PM
m,p-Xylene	ND	0.0569		mg/Kg-dry	1	9/26/2025 10:13:12 PM
o-Xylene	ND	0.0285		mg/Kg-dry	1	9/26/2025 10:13:12 PM
Surr: Dibromofluoromethane	97.4	74.8 - 121		%Rec	1	9/26/2025 10:13:12 PM
Surr: Toluene-d8	104	79.6 - 120		%Rec	1	9/26/2025 10:13:12 PM
Surr: 1-Bromo-4-fluorobenzene	104	53 - 139		%Rec	1	9/26/2025 10:13:12 PM

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

Arsenic	7.70	0.249		mg/Kg-dry	1	10/1/2025 4:11:00 PM
Barium	165	1.24		mg/Kg-dry	1	10/1/2025 4:11:00 PM
Cadmium	0.0926	0.0249		mg/Kg-dry	1	10/1/2025 4:11:00 PM
Chromium	55.6	0.622		mg/Kg-dry	1	10/1/2025 4:11:00 PM
Copper	27.3	2.49		mg/Kg-dry	1	10/1/2025 4:11:00 PM
Lead	8.14	0.249		mg/Kg-dry	1	10/1/2025 4:11:00 PM
Mercury	0.0518	0.0498		mg/Kg-dry	1	10/1/2025 4:11:00 PM
Nickel	48.8	0.373		mg/Kg-dry	1	10/1/2025 4:11:00 PM
Selenium	0.558	0.249		mg/Kg-dry	1	10/1/2025 4:11:00 PM
Silver	ND	0.373		mg/Kg-dry	1	10/1/2025 4:11:00 PM
Zinc	63.7	3.73		mg/Kg-dry	1	10/1/2025 4:11:00 PM

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	20.3	0.500		wt%	1	9/30/2025 9:33:34 AM
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Client: Atlas Technical Consultants

Collection Date: 9/24/2025 2:35:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-010

Matrix: Soil

Client Sample ID: TP-5-5

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Diesel and Heavy Oil by NWTPH-Dx

Batch ID: 49414

Analyst: ZD

Diesel Range Organics	ND	66.2		mg/Kg-dry	1	9/30/2025 9:07:02 PM
Heavy Oil	ND	132		mg/Kg-dry	1	9/30/2025 9:07:02 PM
Total Petroleum Hydrocarbons	ND	199		mg/Kg-dry	1	9/30/2025 9:07:02 PM
Surr: 2-Fluorobiphenyl	228	50 - 150	S	%Rec	1	9/30/2025 9:07:02 PM
Surr: o-Terphenyl	252	50 - 150	S	%Rec	1	9/30/2025 9:07:02 PM

NOTES:

S - Outlying surrogate recovery observed (high bias). Sample is non-detect; result meets QC requirements.

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

Naphthalene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
2-Methylnaphthalene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
1-Methylnaphthalene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Acenaphthylene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Acenaphthene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Fluorene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Phenanthrene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Anthracene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Fluoranthene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Pyrene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Benz(a)anthracene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Chrysene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Benzo(b)fluoranthene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Benzo(k)fluoranthene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Benzo(a)pyrene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Indeno(1,2,3-cd)pyrene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Dibenz(a,h)anthracene	ND	0.0260		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Benzo(g,h,i)perylene	ND	0.0520		mg/Kg-dry	1	9/30/2025 7:52:30 PM
Surr: 2-Fluorobiphenyl	70.8	44.7 - 160		%Rec	1	9/30/2025 7:52:30 PM
Surr: Terphenyl-d14 (surr)	70.0	52.1 - 159		%Rec	1	9/30/2025 7:52:30 PM

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

Gasoline Range Organics	ND	6.95		mg/Kg-dry	1	9/26/2025 10:40:04 PM
Surr: Toluene-d8	94.0	65 - 135		%Rec	1	9/26/2025 10:40:04 PM
Surr: 4-Bromofluorobenzene	95.7	65 - 135		%Rec	1	9/26/2025 10:40:04 PM

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 2:35:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-010

Matrix: Soil

Client Sample ID: TP-5-5

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Benzene	ND	0.0167		mg/Kg-dry	1	9/26/2025 10:40:04 PM
Toluene	ND	0.0348		mg/Kg-dry	1	9/26/2025 10:40:04 PM
Ethylbenzene	ND	0.0348		mg/Kg-dry	1	9/26/2025 10:40:04 PM
m,p-Xylene	ND	0.0695		mg/Kg-dry	1	9/26/2025 10:40:04 PM
o-Xylene	ND	0.0348		mg/Kg-dry	1	9/26/2025 10:40:04 PM
Surr: Dibromofluoromethane	99.1	74.8 - 121		%Rec	1	9/26/2025 10:40:04 PM
Surr: Toluene-d8	105	79.6 - 120		%Rec	1	9/26/2025 10:40:04 PM
Surr: 1-Bromo-4-fluorobenzene	105	53 - 139		%Rec	1	9/26/2025 10:40:04 PM

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

Arsenic	6.77	0.275		mg/Kg-dry	1	10/1/2025 4:14:00 PM
Barium	184	1.38		mg/Kg-dry	1	10/1/2025 4:14:00 PM
Cadmium	0.139	0.0275		mg/Kg-dry	1	10/1/2025 4:14:00 PM
Chromium	51.7	0.688		mg/Kg-dry	1	10/1/2025 4:14:00 PM
Copper	44.4	2.75		mg/Kg-dry	1	10/1/2025 4:14:00 PM
Lead	8.78	0.275		mg/Kg-dry	1	10/1/2025 4:14:00 PM
Mercury	0.0589	0.0550		mg/Kg-dry	1	10/1/2025 4:14:00 PM
Nickel	68.1	0.413		mg/Kg-dry	1	10/1/2025 4:14:00 PM
Selenium	0.599	0.275		mg/Kg-dry	1	10/1/2025 4:14:00 PM
Silver	ND	0.413		mg/Kg-dry	1	10/1/2025 4:14:00 PM
Zinc	92.1	4.13		mg/Kg-dry	1	10/1/2025 4:14:00 PM

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	25.5	0.500		wt%	1	9/30/2025 9:33:34 AM
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Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 2:45:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-011

Matrix: Soil

Client Sample ID: TP-5-7

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Diesel and Heavy Oil by NWTPH-Dx

Batch ID: 49414

Analyst: ZD

Diesel Range Organics	ND	62.0		mg/Kg-dry	1	9/30/2025 9:18:49 PM
Heavy Oil	ND	124		mg/Kg-dry	1	9/30/2025 9:18:49 PM
Total Petroleum Hydrocarbons	ND	186		mg/Kg-dry	1	9/30/2025 9:18:49 PM
Surr: 2-Fluorobiphenyl	134	50 - 150		%Rec	1	9/30/2025 9:18:49 PM
Surr: o-Terphenyl	144	50 - 150		%Rec	1	9/30/2025 9:18:49 PM

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

Naphthalene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
2-Methylnaphthalene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
1-Methylnaphthalene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Acenaphthylene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Acenaphthene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Fluorene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Phenanthrene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Anthracene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Fluoranthene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Pyrene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Benz(a)anthracene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Chrysene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Benzo(b)fluoranthene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Benzo(k)fluoranthene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Benzo(a)pyrene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Indeno(1,2,3-cd)pyrene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Dibenz(a,h)anthracene	ND	0.0249		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Benzo(g,h,i)perylene	ND	0.0498		mg/Kg-dry	1	9/30/2025 8:08:34 PM
Surr: 2-Fluorobiphenyl	69.9	44.7 - 160		%Rec	1	9/30/2025 8:08:34 PM
Surr: Terphenyl-d14 (surr)	75.8	52.1 - 159		%Rec	1	9/30/2025 8:08:34 PM

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

Gasoline Range Organics	ND	6.21		mg/Kg-dry	1	9/26/2025 11:07:00 PM
Surr: Toluene-d8	94.6	65 - 135		%Rec	1	9/26/2025 11:07:00 PM
Surr: 4-Bromofluorobenzene	94.8	65 - 135		%Rec	1	9/26/2025 11:07:00 PM

Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Benzene	ND	0.0149		mg/Kg-dry	1	9/26/2025 11:07:00 PM
Toluene	ND	0.0310		mg/Kg-dry	1	9/26/2025 11:07:00 PM

Original



Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 2:45:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-011

Matrix: Soil

Client Sample ID: TP-5-7

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Ethylbenzene	ND	0.0310		mg/Kg-dry	1	9/26/2025 11:07:00 PM
m,p-Xylene	ND	0.0621		mg/Kg-dry	1	9/26/2025 11:07:00 PM
o-Xylene	ND	0.0310		mg/Kg-dry	1	9/26/2025 11:07:00 PM
Surr: Dibromofluoromethane	97.8	74.8 - 121		%Rec	1	9/26/2025 11:07:00 PM
Surr: Toluene-d8	106	79.6 - 120		%Rec	1	9/26/2025 11:07:00 PM
Surr: 1-Bromo-4-fluorobenzene	104	53 - 139		%Rec	1	9/26/2025 11:07:00 PM

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

Arsenic	4.81	0.261		mg/Kg-dry	1	10/1/2025 4:30:00 PM
Barium	153	1.30		mg/Kg-dry	1	10/1/2025 4:30:00 PM
Cadmium	0.0787	0.0261		mg/Kg-dry	1	10/1/2025 4:30:00 PM
Chromium	50.9	0.651		mg/Kg-dry	1	10/1/2025 4:30:00 PM
Copper	27.1	2.61		mg/Kg-dry	1	10/1/2025 4:30:00 PM
Lead	6.29	0.261		mg/Kg-dry	1	10/1/2025 4:30:00 PM
Mercury	0.0615	0.0521		mg/Kg-dry	1	10/1/2025 4:30:00 PM
Nickel	53.1	0.391		mg/Kg-dry	1	10/1/2025 4:30:00 PM
Selenium	0.546	0.261		mg/Kg-dry	1	10/1/2025 4:30:00 PM
Silver	ND	0.391		mg/Kg-dry	1	10/1/2025 4:30:00 PM
Zinc	68.1	3.91		mg/Kg-dry	1	10/1/2025 4:30:00 PM

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	22.0	0.500		wt%	1	9/30/2025 9:33:34 AM
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Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 3:05:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-012

Matrix: Soil

Client Sample ID: TP-3-4

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Diesel and Heavy Oil by NWTPH-Dx

Batch ID: 49414

Analyst: ZD

Diesel Range Organics	ND	53.0		mg/Kg-dry	1	9/30/2025 9:30:35 PM
Heavy Oil	ND	106		mg/Kg-dry	1	9/30/2025 9:30:35 PM
Total Petroleum Hydrocarbons	ND	159		mg/Kg-dry	1	9/30/2025 9:30:35 PM
Surr: 2-Fluorobiphenyl	114	50 - 150		%Rec	1	9/30/2025 9:30:35 PM
Surr: o-Terphenyl	125	50 - 150		%Rec	1	9/30/2025 9:30:35 PM

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

Naphthalene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
2-Methylnaphthalene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
1-Methylnaphthalene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Acenaphthylene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Acenaphthene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Fluorene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Phenanthrene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Anthracene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Fluoranthene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Pyrene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Benz(a)anthracene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Chrysene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Benzo(b)fluoranthene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Benzo(k)fluoranthene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Benzo(a)pyrene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Indeno(1,2,3-cd)pyrene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Dibenz(a,h)anthracene	ND	0.0214		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Benzo(g,h,i)perylene	ND	0.0427		mg/Kg-dry	1	9/30/2025 8:24:34 PM
Surr: 2-Fluorobiphenyl	69.7	44.7 - 160		%Rec	1	9/30/2025 8:24:34 PM
Surr: Terphenyl-d14 (surr)	70.6	52.1 - 159		%Rec	1	9/30/2025 8:24:34 PM

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

Gasoline Range Organics	ND	6.05		mg/Kg-dry	1	9/27/2025 12:00:43 AM
Surr: Toluene-d8	94.7	65 - 135		%Rec	1	9/27/2025 12:00:43 AM
Surr: 4-Bromofluorobenzene	95.1	65 - 135		%Rec	1	9/27/2025 12:00:43 AM

Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Benzene	ND	0.0145		mg/Kg-dry	1	9/27/2025 12:00:43 AM
Toluene	ND	0.0302		mg/Kg-dry	1	9/27/2025 12:00:43 AM

Original



Analytical Report

Work Order: 2509601

Date Reported: 10/2/2025

Client: Atlas Technical Consultants

Collection Date: 9/24/2025 3:05:00 PM

Project: Brickyard Soil Sampling

Lab ID: 2509601-012

Matrix: Soil

Client Sample ID: TP-3-4

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

Ethylbenzene	ND	0.0302		mg/Kg-dry	1	9/27/2025 12:00:43 AM
m,p-Xylene	ND	0.0605		mg/Kg-dry	1	9/27/2025 12:00:43 AM
o-Xylene	ND	0.0302		mg/Kg-dry	1	9/27/2025 12:00:43 AM
Surr: Dibromofluoromethane	101	74.8 - 121		%Rec	1	9/27/2025 12:00:43 AM
Surr: Toluene-d8	105	79.6 - 120		%Rec	1	9/27/2025 12:00:43 AM
Surr: 1-Bromo-4-fluorobenzene	104	53 - 139		%Rec	1	9/27/2025 12:00:43 AM

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

Arsenic	2.87	0.216		mg/Kg-dry	1	10/1/2025 4:33:00 PM
Barium	59.7	1.08		mg/Kg-dry	1	10/1/2025 4:33:00 PM
Cadmium	0.0871	0.0216		mg/Kg-dry	1	10/1/2025 4:33:00 PM
Chromium	23.6	0.539		mg/Kg-dry	1	10/1/2025 4:33:00 PM
Copper	18.2	2.16		mg/Kg-dry	1	10/1/2025 4:33:00 PM
Lead	4.11	0.216		mg/Kg-dry	1	10/1/2025 4:33:00 PM
Mercury	ND	0.0431		mg/Kg-dry	1	10/1/2025 4:33:00 PM
Nickel	29.3	0.323		mg/Kg-dry	1	10/1/2025 4:33:00 PM
Selenium	0.342	0.216		mg/Kg-dry	1	10/1/2025 4:33:00 PM
Silver	ND	0.323		mg/Kg-dry	1	10/1/2025 4:33:00 PM
Zinc	38.4	3.23		mg/Kg-dry	1	10/1/2025 4:33:00 PM

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	7.95	0.500		wt%	1	9/30/2025 9:33:34 AM
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Work Order: 2509601
CLIENT: Atlas Technical Consultants
Project: Brickyard Soil Sampling

QC SUMMARY REPORT

Total Metals by EPA 6020B

Sample ID: MB-49441		SampType: MBLK		Units: mg/Kg		Prep Date: 9/30/2025		RunNo: 103412			
Client ID: MBLKS		Batch ID: 49441				Analysis Date: 9/30/2025		SeqNo: 2157103			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	ND	0.200									
Barium	ND	1.00									
Cadmium	ND	0.0200									
Chromium	ND	0.500									
Copper	ND	2.00									
Lead	ND	0.200									
Mercury	ND	0.0400									
Nickel	ND	0.300									
Selenium	ND	0.200									
Silver	ND	0.300									
Zinc	ND	3.00									

Sample ID: LCS-49441		SampType: LCS		Units: mg/Kg		Prep Date: 9/30/2025		RunNo: 103412			
Client ID: LCSS		Batch ID: 49441				Analysis Date: 9/30/2025		SeqNo: 2157104			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	39.7	0.200	40.00	0	99.2	80	120				
Barium	40.2	1.00	40.00	0	101	80	120				
Cadmium	2.03	0.0200	2.000	0	101	80	120				
Chromium	42.2	0.500	40.00	0	105	80	120				
Copper	43.8	2.00	40.00	0	110	80	120				
Lead	20.7	0.200	20.00	0	104	80	120				
Mercury	1.01	0.0400	1.000	0	101	80	120				
Nickel	42.8	0.300	40.00	0	107	80	120				
Selenium	3.90	0.200	4.000	0	97.5	80	120				
Silver	2.09	0.300	2.000	0	105	80	120				
Zinc	40.3	3.00	40.00	0	101	80	120				

Work Order: 2509601
CLIENT: Atlas Technical Consultants
Project: Brickyard Soil Sampling

QC SUMMARY REPORT

Total Metals by EPA 6020B

Sample ID: 2509727-001AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 9/30/2025		RunNo: 103412			
Client ID: BATCH		Batch ID: 49441				Analysis Date: 9/30/2025		SeqNo: 2157107			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	43.4	0.216	43.29	2.100	95.4	75	125				
Barium	81.5	1.08	43.29	37.00	103	75	125				
Cadmium	2.24	0.0216	2.164	0.05797	101	75	125				
Chromium	61.8	0.541	43.29	18.69	99.5	75	125				
Copper	49.4	2.16	43.29	9.123	93.0	75	125				
Lead	23.8	0.216	21.64	2.420	98.6	75	125				
Mercury	1.11	0.0433	1.082	0.02362	100	75	125				
Nickel	67.2	0.325	43.29	27.61	91.5	75	125				
Selenium	4.18	0.216	4.329	0.2306	91.2	75	125				
Silver	2.27	0.325	2.164	0	105	75	125				
Zinc	62.9	3.25	43.29	21.93	94.6	75	125				

Sample ID: 2509727-001AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 9/30/2025		RunNo: 103412			
Client ID: BATCH		Batch ID: 49441				Analysis Date: 9/30/2025		SeqNo: 2157109			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Arsenic	43.2	0.215	42.94	2.100	95.8	75	125	43.41	0.448	20	
Barium	84.0	1.07	42.94	37.00	110	75	125	81.49	3.08	20	
Cadmium	2.23	0.0215	2.147	0.05797	101	75	125	2.245	0.546	20	
Chromium	54.9	0.537	42.94	18.69	84.3	75	125	61.75	11.7	20	
Copper	48.6	2.15	42.94	9.123	91.8	75	125	49.40	1.72	20	
Lead	23.4	0.215	21.47	2.420	97.9	75	125	23.76	1.35	20	
Mercury	1.09	0.0429	1.074	0.02362	99.1	75	125	1.106	1.66	20	
Nickel	67.3	0.322	42.94	27.61	92.4	75	125	67.21	0.101	20	
Selenium	4.21	0.215	4.294	0.2306	92.8	75	125	4.178	0.868	20	
Silver	2.24	0.322	2.147	0	104	75	125	2.272	1.26	20	
Zinc	62.5	3.22	42.94	21.93	94.4	75	125	62.88	0.676	20	

Work Order: 2509601
CLIENT: Atlas Technical Consultants
Project: Brickyard Soil Sampling

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx

Sample ID: MB-49414		SampType: MBLK		Units: mg/Kg		Prep Date: 9/29/2025			RunNo: 103419			
Client ID: MBLKS		Batch ID: 49414					Analysis Date: 9/30/2025			SeqNo: 2157334		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Diesel Range Organics	ND	50.0									
Heavy Oil	ND	100									
Total Petroleum Hydrocarbons	ND	150									
Surr: 2-Fluorobiphenyl	11.0		10.00		110	50	150				
Surr: o-Terphenyl	12.0		10.00		120	50	150				

Sample ID: LCS-49414		SampType: LCS			Units: mg/Kg		Prep Date: 9/29/2025			RunNo: 103419		
Client ID: LCSS		Batch ID: 49414			Analysis Date: 9/30/2025					SeqNo: 2157335		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Total Petroleum Hydrocarbons	501	150	500.0	0	100	68.2	125				
Surr: 2-Fluorobiphenyl	13.0		10.00		130	50	150				
Surr: o-Terphenyl	12.7		10.00		127	50	150				

Sample ID: 2509601-006AMS		SampType: MS			Units: mg/Kg-dry		Prep Date: 9/29/2025			RunNo: 103419		
Client ID: TP-6-3		Batch ID: 49414			Analysis Date: 9/30/2025			SeqNo: 2157342				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Total Petroleum Hydrocarbons	519	160	534.0	0	97.2	40.5	159				
Surr: 2-Fluorobiphenyl	13.8		10.68		129	50	150				
Surr: o-Terphenyl	14.0		10.68		131	50	150				

Sample ID: 2509601-006AMSD		SampType: MSD			Units: mg/Kg-dry		Prep Date: 9/29/2025			RunNo: 103419		
Client ID: TP-6-3		Batch ID: 49414			Analysis Date: 9/30/2025			SeqNo: 2157343				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Total Petroleum Hydrocarbons	529	160	534.0	0	99.1	40.5	159	519.0	1.96	30	
Surr: 2-Fluorobiphenyl	11.9		10.68		112	50	150		0		
Surr: o-Terphenyl	13.4		10.68		126	50	150		0		

Work Order: 2509601
CLIENT: Atlas Technical Consultants
Project: Brickyard Soil Sampling

QC SUMMARY REPORT

Diesel and Heavy Oil by NWTPH-Dx

Sample ID: 2509648-005ADUP		SampType: DUP		Units: mg/Kg		Prep Date: 9/29/2025			RunNo: 103419		
Client ID: BATCH		Batch ID: 49414					Analysis Date: 9/30/2025			SeqNo: 2157359	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Diesel Range Organics	6,480	47.8						4,560	34.7	30	R
Heavy Oil	ND	95.7						0		30	
Total Petroleum Hydrocarbons	6,480	144						4,560	34.7	30	R
Surr: 2-Fluorobiphenyl	93.6		9.569		978	50	150		0		S
Surr: o-Terphenyl	12.9		9.569		135	50	150		0		

NOTES:

S - Outlying surrogate recovery attributed to TPH interference.

R - High RPD due to high analyte concentration. In this range, high RPD's may be expected.

Work Order: 2509601
CLIENT: Atlas Technical Consultants
Project: Brickyard Soil Sampling

QC SUMMARY REPORT
PAHs by EPA Method 8270E SIM

Sample ID: MB-49422		SampType: MBLK		Units: mg/Kg		Prep Date: 9/29/2025		RunNo: 103440			
Client ID: MBLKS		Batch ID: 49422				Analysis Date: 9/30/2025		SeqNo: 2157902			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	ND	0.0200									
2-Methylnaphthalene	ND	0.0200									
1-Methylnaphthalene	ND	0.0200									
Acenaphthylene	ND	0.0200									
Acenaphthene	ND	0.0200									
Fluorene	ND	0.0200									
Phenanthrene	ND	0.0200									
Anthracene	ND	0.0200									
Fluoranthene	ND	0.0200									
Pyrene	ND	0.0200									
Benz(a)anthracene	ND	0.0200									
Chrysene	ND	0.0200									
Benzo(b)fluoranthene	ND	0.0200									
Benzo(k)fluoranthene	ND	0.0200									
Benzo(a)pyrene	ND	0.0200									
Indeno(1,2,3-cd)pyrene	ND	0.0200									
Dibenz(a,h)anthracene	ND	0.0200									
Benzo(g,h,i)perylene	ND	0.0400									
Surr: 2-Fluorobiphenyl	0.726		1.000		72.6	22.2	146				
Surr: Terphenyl-d14 (surr)	0.685		1.000		68.5	20.2	159				

Sample ID: LCS-49422		SampType: LCS		Units: mg/Kg		Prep Date: 9/29/2025		RunNo: 103440			
Client ID: LCSS		Batch ID: 49422				Analysis Date: 9/30/2025		SeqNo: 2157903			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	1.76	0.0200	2.000	0	87.9	58.5	121				
2-Methylnaphthalene	1.73	0.0200	2.000	0	86.5	49.7	128				
1-Methylnaphthalene	1.89	0.0200	2.000	0	94.5	53.9	126				
Acenaphthylene	1.93	0.0200	2.000	0	96.7	57	123				
Acenaphthene	1.73	0.0200	2.000	0	86.7	56	121				
Fluorene	1.90	0.0200	2.000	0	95.0	56.6	121				

Work Order: 2509601
CLIENT: Atlas Technical Consultants
Project: Brickyard Soil Sampling

QC SUMMARY REPORT
PAHs by EPA Method 8270E SIM

Sample ID: LCS-49422		SampType: LCS		Units: mg/Kg		Prep Date: 9/29/2025		RunNo: 103440			
Client ID: LCSS		Batch ID: 49422				Analysis Date: 9/30/2025		SeqNo: 2157903			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Phenanthrene	1.66	0.0200	2.000	0	82.9	52.8	124				
Anthracene	1.79	0.0200	2.000	0	89.3	53.7	125				
Fluoranthene	1.75	0.0200	2.000	0	87.3	55.2	125				
Pyrene	1.70	0.0200	2.000	0	84.8	56	124				
Benz(a)anthracene	1.57	0.0200	2.000	0	78.6	55.3	129				
Chrysene	2.11	0.0200	2.000	0	106	50.4	122				
Benzo(b)fluoranthene	1.53	0.0200	2.000	0	76.4	52	125				
Benzo(k)fluoranthene	2.09	0.0200	2.000	0	105	49.1	126				
Benzo(a)pyrene	1.77	0.0200	2.000	0	88.3	53.4	125				
Indeno(1,2,3-cd)pyrene	1.59	0.0200	2.000	0	79.6	52.1	127				
Dibenz(a,h)anthracene	1.72	0.0200	2.000	0	85.8	52.8	124				
Benzo(g,h,i)perylene	1.60	0.0400	2.000	0	80.2	47.9	130				
Surr: 2-Fluorobiphenyl	0.699		1.000		69.9	44.7	160				
Surr: Terphenyl-d14 (surr)	0.614		1.000		61.4	52.1	159				

Sample ID: 2509601-001AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 9/29/2025		RunNo: 103440			
Client ID: TP-2-4		Batch ID: 49422				Analysis Date: 9/30/2025		SeqNo: 2157905			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Naphthalene	2.46	0.0238	2.378	0.01532	103	40.2	142				
2-Methylnaphthalene	2.54	0.0238	2.378	0.01592	106	30.7	150				
1-Methylnaphthalene	2.85	0.0238	2.378	0.01267	119	34.3	148				
Acenaphthylene	2.72	0.0238	2.378	0	114	29.4	156				
Acenaphthene	2.45	0.0238	2.378	0.004336	103	39.5	139				
Fluorene	2.79	0.0238	2.378	0.008022	117	36.2	144				
Phenanthrene	2.26	0.0238	2.378	0.05240	92.9	31.1	147				
Anthracene	2.17	0.0238	2.378	0.006415	90.9	34.3	145				
Fluoranthene	2.49	0.0238	2.378	0.1351	99.1	33.6	152				
Pyrene	2.45	0.0238	2.378	0.1209	98.1	28.1	156				
Benz(a)anthracene	2.24	0.0238	2.378	0.05182	92.1	29.5	158				
Chrysene	3.01	0.0238	2.378	0.08679	123	31.4	143				

Work Order: 2509601
CLIENT: Atlas Technical Consultants
Project: Brickyard Soil Sampling

QC SUMMARY REPORT
PAHs by EPA Method 8270E SIM

Sample ID: 2509601-001AMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 9/29/2025		RunNo: 103440			
Client ID: TP-2-4		Batch ID: 49422				Analysis Date: 9/30/2025		SeqNo: 2157905			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzo(b)fluoranthene	2.42	0.0238	2.378	0.09863	97.7	30	154				
Benzo(k)fluoranthene	2.64	0.0238	2.378	0.05040	109	30.6	148				
Benzo(a)pyrene	2.86	0.0238	2.378	0.07735	117	29.3	154				
Indeno(1,2,3-cd)pyrene	2.18	0.0238	2.378	0.07830	88.6	24.5	150				
Dibenz(a,h)anthracene	2.49	0.0238	2.378	0.03566	103	17.6	152				
Benzo(g,h,i)perylene	2.39	0.0476	2.378	0.07936	97.3	16.4	152				
Surr: 2-Fluorobiphenyl	0.988		1.189		83.1	44.7	160				
Surr: Terphenyl-d14 (surr)	0.820		1.189		68.9	52.1	159				

Sample ID: 2509601-001AMSD		SampType: MSD			Units: mg/Kg-dry		Prep Date: 9/29/2025			RunNo: 103440		
Client ID: TP-2-4		Batch ID: 49422			Analysis Date: 9/30/2025			SeqNo: 2157906				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Naphthalene	2.83	0.0238	2.376	0.01532	118	40.2	142	2.457	14.0	30	
2-Methylnaphthalene	2.96	0.0238	2.376	0.01592	124	30.7	150	2.540	15.2	30	
1-Methylnaphthalene	3.28	0.0238	2.376	0.01267	137	34.3	148	2.850	14.0	30	
Acenaphthylene	3.38	0.0238	2.376	0	142	29.4	156	2.718	21.8	30	
Acenaphthene	2.90	0.0238	2.376	0.004336	122	39.5	139	2.448	17.1	30	
Fluorene	3.00	0.0238	2.376	0.008022	126	36.2	144	2.792	7.06	30	
Phenanthrene	2.59	0.0238	2.376	0.05240	107	31.1	147	2.262	13.7	30	
Anthracene	2.44	0.0238	2.376	0.006415	102	34.3	145	2.167	11.6	30	
Fluoranthene	2.81	0.0238	2.376	0.1351	113	33.6	152	2.492	12.1	30	
Pyrene	2.83	0.0238	2.376	0.1209	114	28.1	156	2.453	14.3	30	
Benz(a)anthracene	2.77	0.0238	2.376	0.05182	115	29.5	158	2.242	21.1	30	
Chrysene	3.44	0.0238	2.376	0.08679	141	31.4	143	3.006	13.6	30	
Benzo(b)fluoranthene	3.03	0.0238	2.376	0.09863	123	30	154	2.421	22.2	30	
Benzo(k)fluoranthene	3.30	0.0238	2.376	0.05040	137	30.6	148	2.640	22.3	30	
Benzo(a)pyrene	3.15	0.0238	2.376	0.07735	129	29.3	154	2.863	9.62	30	
Indeno(1,2,3-cd)pyrene	2.85	0.0238	2.376	0.07830	117	24.5	150	2.184	26.6	30	
Dibenz(a,h)anthracene	2.96	0.0238	2.376	0.03566	123	17.6	152	2.492	17.3	30	
Benzo(g,h,i)perylene	2.88	0.0475	2.376	0.07936	118	16.4	152	2.393	18.4	30	

Work Order: 2509601
CLIENT: Atlas Technical Consultants
Project: Brickyard Soil Sampling

QC SUMMARY REPORT
PAHs by EPA Method 8270E SIM

Sample ID: 2509601-001AMSD		SampType: MSD		Units: mg/Kg-dry		Prep Date: 9/29/2025		RunNo: 103440			
Client ID: TP-2-4		Batch ID: 49422				Analysis Date: 9/30/2025		SeqNo: 2157906			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Surr: 2-Fluorobiphenyl	1.18		1.188		98.9	44.7	160		0		
Surr: Terphenyl-d14 (surr)	0.956		1.188		80.5	52.1	159		0		

Work Order: 2509601
CLIENT: Atlas Technical Consultants
Project: Brickyard Soil Sampling

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID: LCS-49404		SampType: LCS			Units: mg/Kg		Prep Date: 9/26/2025			RunNo: 103381		
Client ID: LCSS		Batch ID: 49404			Analysis Date: 9/26/2025			SeqNo: 2156520				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Gasoline Range Organics	21.7	5.00	25.00	0	87.0	65	135				
Surr: Toluene-d8	1.16		1.250		92.4	65	135				
Surr: 4-Bromofluorobenzene	1.21		1.250		96.9	65	135				

Sample ID: MB-49404		SampType: MBLK			Units: mg/Kg		Prep Date: 9/26/2025			RunNo: 103381		
Client ID: MBLKS		Batch ID: 49404			Analysis Date: 9/26/2025			SeqNo: 2156504				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Gasoline Range Organics	ND	5.00									
Surr: Toluene-d8	1.21		1.250		96.5	65	135				
Surr: 4-Bromofluorobenzene	1.16		1.250		92.9	65	135				

Sample ID: 2509601-001BDUP		SampType: DUP			Units: mg/Kg-dry		Prep Date: 9/26/2025			RunNo: 103381		
Client ID: TP-2-4		Batch ID: 49404			Analysis Date: 9/26/2025			SeqNo: 2156506				
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Gasoline Range Organics	ND	7.48						0		30	
Surr: Toluene-d8	1.78		1.871		94.9	65	135		0		
Surr: 4-Bromofluorobenzene	1.76		1.871		94.1	65	135		0		

Sample ID: 2509601-012BMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 9/26/2025			RunNo: 103381			
Client ID: TP-3-4		Batch ID: 49404					Analysis Date: 9/27/2025			SeqNo: 2156518		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Gasoline Range Organics	30.5	6.05	30.24	0.6860	98.7	65	135				
Surr: Toluene-d8	1.48		1.512		98.2	65	135				
Surr: 4-Bromofluorobenzene	1.38		1.512		91.2	65	135				

Work Order: 2509601
CLIENT: Atlas Technical Consultants
Project: Brickyard Soil Sampling

QC SUMMARY REPORT

Volatile Organic Compounds by EPA 8260D

Sample ID: LCS-49404		SampType: LCS			Units: µg/L		Prep Date: 9/26/2025			RunNo: 103379		
Client ID: LCSS		Batch ID: 49404			Analysis Date: 9/26/2025					SeqNo: 2156444		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Benzene	0.927	0.0120	1.000	0	92.7	80	120				
Toluene	0.935	0.0250	1.000	0	93.5	80	120				
Ethylbenzene	0.937	0.0250	1.000	0	93.7	80	120				
m,p-Xylene	1.86	0.0500	2.000	0	93.1	80	120				
o-Xylene	0.954	0.0250	1.000	0	95.4	80	120				
Surr: Dibromofluoromethane	1.35		1.250		108	74.8	121				
Surr: Toluene-d8	1.30		1.250		104	79.6	120				
Surr: 1-Bromo-4-fluorobenzene	1.28		1.250		102	53	139				

Sample ID: MB-49404		SampType: MBLK		Units: mg/Kg		Prep Date: 9/26/2025			RunNo: 103379			
Client ID: MBLKS		Batch ID: 49404					Analysis Date: 9/26/2025			SeqNo: 2156429		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual	

Benzene	ND	0.0120									
Toluene	ND	0.0250									
Ethylbenzene	ND	0.0250									
m,p-Xylene	ND	0.0500									
o-Xylene	ND	0.0250									
Surr: Dibromofluoromethane	1.24		1.250		98.9	79.5	124				
Surr: Toluene-d8	1.30		1.250		104	77.5	124				
Surr: 1-Bromo-4-fluorobenzene	1.27		1.250		102	60.5	139				

Sample ID: 2509601-001BDUP		SampType: DUP		Units: mg/Kg-dry		Prep Date: 9/26/2025			RunNo: 103379		
Client ID: TP-2-4		Batch ID: 49404					Analysis Date: 9/26/2025			SeqNo: 2156431	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Benzene	ND	0.0180						0		30	
Toluene	ND	0.0374						0		30	
Ethylbenzene	ND	0.0374						0		30	
m,p-Xylene	ND	0.0748						0		30	
o-Xylene	ND	0.0374						0		30	

Work Order: 2509601
CLIENT: Atlas Technical Consultants
Project: Brickyard Soil Sampling

QC SUMMARY REPORT
Volatile Organic Compounds by EPA 8260D

Sample ID: 2509601-001BDUP		SampType: DUP		Units: mg/Kg-dry		Prep Date: 9/26/2025		RunNo: 103379			
Client ID: TP-2-4		Batch ID: 49404				Analysis Date: 9/26/2025		SeqNo: 2156431			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Surr: Dibromofluoromethane	1.84		1.871		98.6	74.8	121		0		
Surr: Toluene-d8	1.98		1.871		106	79.6	120		0		
Surr: 1-Bromo-4-fluorobenzene	1.92		1.871		102	53	139		0		

Sample ID: 2509601-011BMS		SampType: MS		Units: mg/Kg-dry		Prep Date: 9/26/2025		RunNo: 103379			
Client ID: TP-5-7		Batch ID: 49404				Analysis Date: 9/26/2025		SeqNo: 2156442			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	1.18	0.0149	1.241	0	95.0	64.8	130				
Toluene	1.19	0.0310	1.241	0	95.7	64.5	127				
Ethylbenzene	1.20	0.0310	1.241	0	96.8	68.7	122				
m,p-Xylene	2.37	0.0621	2.483	0	95.4	69.1	122				
o-Xylene	1.19	0.0310	1.241	0	95.5	72.4	118				
Surr: Dibromofluoromethane	1.68		1.552		108	74.8	121				
Surr: Toluene-d8	1.66		1.552		107	79.6	120				
Surr: 1-Bromo-4-fluorobenzene	1.63		1.552		105	53	139				

Client Name: **ONEILL**

Work Order Number: **2509601**

Logged by: **Lyann Rivera**

Date Received: **9/24/2025 4:38:00 PM**

Chain of Custody

1. Is Chain of Custody complete? Yes ☒ No ☐ Not Present ☐
2. How was the sample delivered? Client

Log In

3. Custody Seals present on shipping container/cooler?
(Refer to comments for Custody Seals not intact) Yes ☐ No ☐ Not Present ☒
4. Was an attempt made to cool the samples? Yes ☒ No ☐ NA ☐
5. Were all items received at a temperature of >2°C to 6°C * Yes ☒ No ☐ NA ☐
6. Sample(s) in proper container(s)? Yes ☒ No ☐
7. Sufficient sample volume for indicated test(s)? Yes ☒ No ☐
8. Are samples properly preserved? Yes ☒ No ☐
9. Was preservative added to bottles? Yes ☐ No ☒ NA ☐
10. Is there headspace in the VOA vials? Yes ☐ No ☐ NA ☒
11. Did all samples containers arrive in good condition(unbroken)? Yes ☒ No ☐
12. Does paperwork match bottle labels? Yes ☒ No ☐
13. Are matrices correctly identified on Chain of Custody? Yes ☒ No ☐
14. Is it clear what analyses were requested? Yes ☒ No ☐
15. Were all hold times (except field parameters, pH e.g.) able to be met? Yes ☒ No ☐

Special Handling (if applicable)

16. Was client notified of all discrepancies with this order? Yes ☐ No ☐ NA ☒

Person Notified:		Date:	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

17. Additional remarks:

Item Information

Item #	Temp °C
Sample	3.4

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C



3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790

Chain of Custody Record & Laboratory Services Agreement

Date: 9/24/25	Page: 1 of 2	Laboratory Project No (internal): 2509601
Project Name: Brickyard Soil Sampling		Special Remarks:
Client: Atlas	Project No: 00010842, Phase 17, Task 8	
Address: 17619 NE 67th Ct. #100	Collected by: HW, AG	
City, State, Zip: Redmond, WA 98052	Location: Brickyard, Site 5	
Telephone: 425-429-7800	Report To (PM): mika.miyamoto@oneatlas.com	Disposal: Samples will be disposed in 30 days unless otherwise requested. ☐ Retain volume (specify above) ☐ Return to client
Email(s): mika.miyamoto@oneatlas.com, mike.foster@oneatlas.com		

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCDI)	Diesel/Heavy Oil Range Organics (DHR)	SVOCS (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T) Dissolved (D)	Anions (IC***)	EDB (8011)	Comments
1 TP-2-4	9/24/25	1130	S	3	X	X	X	X	X	X							
2 TP-4-3		1200	S	3	X	X	X	X	X	X							
3 TP-4-5		1210	S	3	X	X	X	X	X	X							
4 TP-4-7		1215	S	3	X	X	X	X	X	X							
5 TP-1-4		1300	S	3	X	X	X	X	X	X							
6 TP-6-3		1330	S	3	X	X	X	X	X	X							
7 TP-6-5		1355	S	3	X	X	X	X	X	X							
8 TP-6-7		1405	S	3	X	X	X	X	X	X							
9 TP-5-3		1420	S	3	X	X	X	X	X	X							
10 TP-5-5		1435	S	3	X	X	X	X	X	X							

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5, RCRA-8, Priority Pollutants, TAL, Individual: Ag, Al, As, B, Ba, Be, Ca, Cd, Co, Cr, Cu, Fe, Hg, K, Mg, Mn, Mo, Na, Ni, Pb, Sb, Se, Sr, Sn, Ti, Tl, V, Zn

***Anions (Circle): Nitrate, Nitrite, Chloride, Sulfate, Bromide, O-Phosphate, Fluoride, Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature) x Alex Gagnon	Print Name Alex Gagnon	Date/Time 9/24/25 16:38	Received (Signature) x Jim Jack Hammon	Print Name Jim Jack Hammon	Date/Time 9/24/25 16:38
Relinquished (Signature) x	Print Name	Date/Time	Received (Signature) x	Print Name	Date/Time



3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790

Chain of Custody Record & Laboratory Services Agreement

Date: 9/24/25 Page: 2 of 2

Laboratory Project No (Internal): 25091601

Project Name: Brickyard Soil Sampling

Special Remarks:

Client: Atlas

Project No: 00010542, Phase 17, Task 8

Address: 17619 NE 67th Ct. #100

Collected by: HW, AG

City, State, Zip: Redmond, WA 98052

Location: Brickyard

Telephone: 425-429-7800

Report To (PM): Mika Miyamoto

Disposal: Samples will be disposed in 30 days unless otherwise requested.
☐ Retain volume (specify above) ☐ Return to client

Email(s): mika.miyamoto@oneatlas.com, mike.foster@oneatlas.com

Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	# of Cont.	VOCs (EPA 8260 / 624)	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DH)	SVOCS (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 808)	Metals** (EPA 6020 / 200.8)	Total (T) / Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1 TP-5-7	9/24/25	1445	S	3	X	X	X	X	X	X							
2 TP-3-4	9/24/25	1505	S	3	X	X	X	X	X	X							
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL Individual: Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:

☒ Standard ☐ Next Day
☐ 3 Day ☐ Same Day
☐ 2 Day (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above, that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished (Signature)

Print Name

Date/Time

x Alex Gagnon Alex Gagnon 9/24/25 16:35

Received (Signature)

Print Name

Date/Time

x Jim Jack Hawthorne 9/24/25 16:38

Relinquished (Signature)

Print Name

Date/Time

x

Received (Signature)

Print Name

Date/Time

x