SKANSKA

February 6, 2026

Letter No. 344
BY-CRE-04639

Washington State Department of Transportation
I-405/SR 167 Program
18911 N Creek Pkwy S, Suite 150
Bothell, WA 98011

Attention: Evelyn Pao, P.E.
Project Director

Project: I-405/Brickyard to SR 527 – Improvement Project
Contract No.: 009727

Subject: Protest of WSDOT SL 248 – PCO 156 - Contaminated Soil at Old Burlington Northern ROW

References:

- WSDOT SL-248 (Jan 23, 2026) – Denial of DSC and Force Account Payment
- Skanska SL-312 (Jan 7, 2026) – Change Order Request for $196,848.74
- Skanska SL-308 (Dec 30, 2025) – Response to SL-224
- Atlas Soil Sampling Report (Oct 10, 2025)
- RFP Appendix E09a (Hazardous Materials Reports, Item 6 and E09a5 p. 8)
- Change Order No. 040 (Mar 27, 2025) – Incorporation of 2022 Std Specs including GSP 2-02.5.OPT7.GR2
- Contract Sections: GP 1-04.5 (Protest), GP 1-04.7 (DSC), GP 1-09.6 (Force Account), TR 2.8.5.8 (Hazardous Materials), GSP 2-02.5.OPT7.GR2 (via CO 040).

Dear Ms. Pao:

Skanska is in receipt of WSDOT Serial Letter No. 9727-248, dated January 23, 2026. While we acknowledge WSDOT's position that the contaminated soil in Area 5 does not constitute a Differing Site Condition under GP 1-04.7, we respectfully protest the determination that no additional compensation is due. Pursuant to GP 1-04.5, this letter serves as formal notice of protest and requests an equitable adjustment for the documented costs incurred.

Skanska's Position on Compensation:

The work performed - sampling, pre-characterization, handling, hauling, and off-site disposal of contaminated soils - was necessary to address conditions encountered during excavation. We base our request for equitable adjustment on the following contractual provisions and RFP commitments:

Change Order No. 040 and Order of Precedence

Pursuant to GP 1-03.2 (Order of Precedence), Change Order No. 040 holds the highest precedence and explicitly incorporates GSP 2-02.5.OPT7.GR2 (Hazardous Material Handling and Disposal by Force Account) from the 2022 Standard Specifications. This provision directly provides for Force Account

payment for costs associated with transporting and disposing of hazardous or contaminated materials. GP 1-03.3's exclusion of measurement and payment sections from incorporated Standard Specifications does not negate the specific incorporation and intent of CO 040, which post-dates and modifies the base contract.

RFP Commitment and Omission

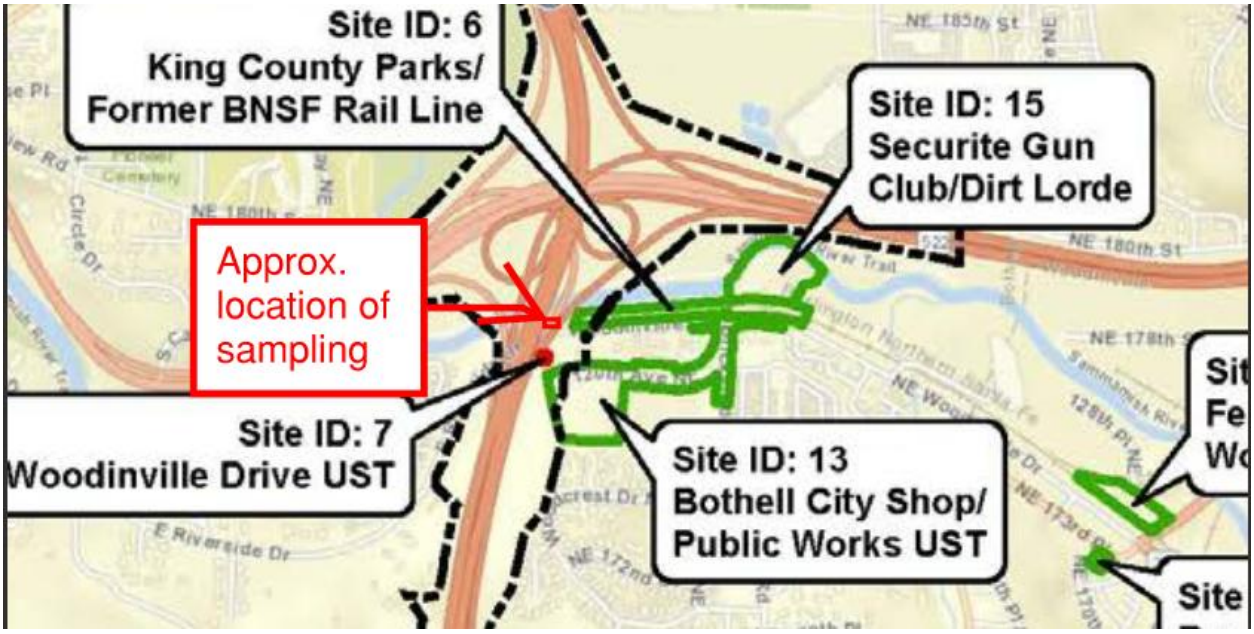
RFP Appendix E09a5 (Hazardous Materials Updates, July 2021, p. 8, Site ID 6) states that WSDOT will "develop GSPs and SPs to address the risk of encountering contamination in the work area" and "specify in the contract that the contractor must sample and pre-characterize soil to determine baseline conditions if the contractor proposes construction activities that would require any excavation on the site." No such project-specific GSPs or SPs were developed or incorporated into the Contract. This omission left the handling of actual encountered contamination without the tailored provisions WSDOT committed to provide. This ambiguity should be resolved in Skanska's favor, and accordingly, the incorporated GSP 2-02.5.OPT7.GR2 Force Account mechanism, as affirmed by CO 040, should apply.

GP 1-09.6 – Force Account for Work Not Otherwise Provided For

Additionally, GP 1-09.6 provides for Force Account payment for work "not otherwise provided for" in the Contract. Given the absence of the project-specific GSPs/SPs WSDOT committed to develop, and the actual conditions encountered, this provision independently supports reimbursement for the unanticipated handling and disposal work performed.

Material Difference from RFP Representation

The actual contamination encountered - Class 3 soils with exceedances including arsenic above MTCA Level A and lube oil in Category 3 per Ecology guidance - represents a material difference from the vague "suspected" description in Appendix E Item 6. Furthermore, the contamination was discovered outside the identified area shown in Appendix E09a (see Figure 2 from Appendix E09a1, Hazardous Materials Technical Memo, p. 44, with sampling location marked - location falls outside the green delineated areas).



The Atlas Soil Sampling Report (Oct 10, 2025) documents these exceedances and confirms the affected footprint extends beyond WSDOT's delineated hazardous materials boundary. This supports our position that the conditions required specific handling and disposal measures not reasonably anticipated from the

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RFP information provided, further justifying equitable reimbursement of the $196,848.74 in costs documented in SL-312 (supported by daily reports, dump tickets, invoices, and subcontractor quotes).

Request

Skanska requests payment of the claimed amount during resolution of this protest, consistent with GP 1-04.5. We reserve all rights under the Contract and applicable laws for costs, time impacts, and damages. To maintain our collaborative partnership and resolve this efficiently, we propose a meeting at your earliest convenience.

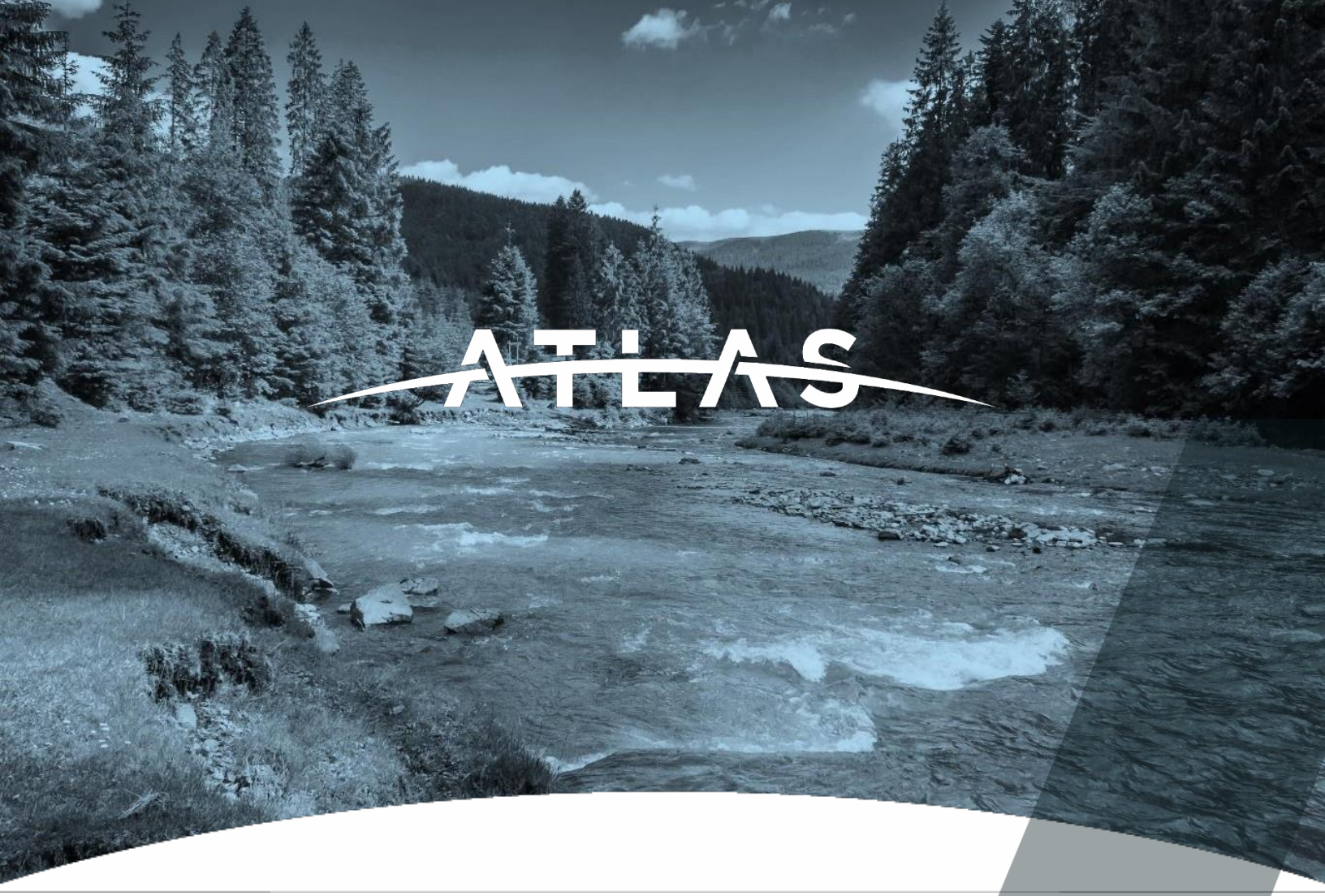
Please contact me if you need additional information.

Regards,

Patrick Prendergast, Vice President

Skanska USA Civil
18911 N Creek Parkway S, Suite 300
Bothell, WA 98011

Attachments:
Atlas Soil Sampling Report – Oct 10, 2025 (sent prior, resurfacing for context)



SOIL SAMPLING AND ANALYSIS SUMMARY REPORT

I-5, SR 522 VICINITY TO SR 527 ETL

PREPARED FOR:

Adrian Zoodsma Skanska
18911 North Creek Parkway S,
Suite 300 Bothell, WA 98011

PREPARED BY:

Atlas Technical Consultants LLC
17619 NE 67th Ct, Suite 100
Redmond, WA 98052

Oct. 10, 2025

October 10, 2025

Mr. Zoodsma
SKANSKA
18911 North Creek Parkway S, Suite 300
Bothell, WA 98011

Subject: **Soil Sampling and Analysis Summary Report**
I-405, SR 522 Vicinity to SR 527 ETL
King County Parks/former BNSF Rail Line Parcel, Bothell, WA

Dear Mr. Zoodsma

Atlas is pleased to present this report describing our findings and recommendations associated with the in-situ soil sampling performed at the King County Parks/former BNSF Rail Line Parcel, Bothell, Washington (Herein referred to as A5).

If you have any questions, please call us at (407) 733-4367.

Respectfully submitted,
Atlas Technical Consultants LLC

Mike Foster
Environmental Compliance Manager

Mika Miyamoto
Deputy Environmental Compliance Manager

Attachment: Soil Sampling and Analysis Summary Report

Distribution: Adrian Zoodsma, Travis Cox, Scott Turner

EXECUTIVE SUMMARY

Based on the analytical results of the sampling event conducted on September 24, 2025, the stockpiles at the railroad grade were determined to be Class 2 and Class 3 soils. Based on Washington Department of Ecology (herein: Ecology)'s 2016 Guidance for Remediation of Petroleum Contaminated Sites, Table 12.1, Class 2 soils are soils with residual levels of petroleum hydrocarbons that could have adverse impacts on the environment in some circumstances. Class 3 soils contain moderate levels of petroleum hydrocarbons that could have adverse impacts on the environment unless re-used in carefully controlled situations. Soil in Class 2 and Class 3 soils can be reused in specific circumstances if they meet all criteria outlined in Ecology's 2016 Guidance, Tables 12.2, including that soils should not be placed in or directly adjacent to wetlands or surface water.

All samples met Class 2 soil criteria, with exception of the sample collected from TP-2, at 4 feet below ground surface (ft bgs); these results met Class 3 criteria. In this sample, arsenic also exceeded MCTA Level A Cleanup Standards (20 milligrams per kilogram), at 23.6 milligrams per kilogram.

During excavation, Atlas recommends either segregating excavated soils into Class 2 and Class 3 and managing them as separate piles, or excavating and stockpiling all soils together for disposal as Class 3 soils. If the second option is selected, Atlas recommends submitting current results to a permitted landfill, and completing any additional characterization required prior to disposal.

1. BACKGROUND, PURPOSE, AND SCOPE OF SERVICES

The Washington State Department of Transportation (WSDOT) acquired a temporary construction easement on the King County/Former BNSF rail line parcel in Bothell, Washington (Herein referred to as the parcel) for the purpose of constructing the I-405, Brickyard to SR527 Improvement Project (Project). The parcel is situated on the south bank of the Sammamish River, underneath the I-405 bridges. This area is a former BNSF railroad right of way. Railroad materials are known to contain petroleum, creosote, and heavy metals, and a previous investigation adjacent to the currently proposed excavation identified petroleum and heavy metals on-site. While the major components of the rail line have long been removed from this area, residual contaminants are still present in soils and further identification of contaminant concentrations can support future management of soils at the site.

Based on the Appendix E09 - Hazardous Material Reports of the RFP regarding the former rail line facility, the site was considered a low impact risk due to the defined limitations of the Project. Initially, the parcel was only to be used for staging and minor activities. Based on recommendations and requirements from project materials, if construction activities requiring excavation are proposed or implemented, any soil generated during these activities must be characterized to determine its use in accordance with Washington State Department of Ecology.

Skanska requested Atlas perform in-situ soil sampling to determine the presence of, and extent of, contamination within the proposed excavation area underneath the westbound SR-522 to southbound I-405 collector-distributor bridge. An estimated 3000 cubic yards (CY) of soil is planned for disposal or re-use.

The Scope of services provided is summarized below, outlined in the Sampling and Analysis Plan (SAP), submitted September 15, 2025 for King County South Sammamish Parcel.

- Collect discrete in-situ soil samples at six different locations along the proposed excavation boundary within the King County Parks/former BNSF rail line parcel boundary
- Submit samples for laboratory analysis.
- Review available data.
- Compare soil analytical results to appropriate regulatory limits.
- Prepare a summary report describing the findings and recommendations regarding this sampling event.

See **Figure 1** for a site map of the stockpile locations on the parcel.

2. FIELD ACTIVITIES

On September 24th, 2025, soil sampling activities were conducted according to the procedures outlined in the SAP Section 4.0 Field Screening and Soil Sampling Procedures. Atlas met Skanska excavator operators and site workers to conduct test-pit excavations at the six locations outlined in the approved SAP. While excavating to depth, Atlas recorded visual, olfactory observations, as well as soil type, texture, color, and other relevant soil characteristics in a field log. Atlas used a calibrated photo-ionization detector (PID) to collect organic vapor readings from soils via the baggie headspace screening method at regular intervals, and recorded values in parts-per-million by volume (ppmv). Based on observations during excavation, Atlas selected depths to collect discrete soil samples.

A total of twelve (12) discrete soil samples were collected; three samples were collected from test-pits 4 through 6 at a maximum depth of 7 feet below ground surface (ft bgs), and one sample was collected from test pits 1 through 3, at a maximum depth of 4 ft bgs (**Table 1**).

The samples were packaged in the appropriate sampling containers, placed in a cooler on ice, then transported to the Alliance Technical Group laboratory in Seattle, WA for analysis. Soil samples were analyzed for gasoline, diesel range, and lube oil total petroleum hydrocarbons by Washington Department of Ecology Method NWTPH-Dx and -Gx, for polyaromatic hydrocarbons (PAHs) by EPA Method 8270E-SIM, for select volatile organic compounds (benzene, toluene, ethylbenzene, toluene, and total xylenes – BTEX) by EPA Method 8260D, and RCRA 8 Metals by EPA Method 6020B. A chain of custody was completed and transmitted along with the samples to the analyzing laboratory for documentation of delivery and receipt by the laboratory. Sampling locations and the associated screening results are documented on the attached **Figure 1** and in the Field Log which is included as **Appendix I**.

3. FINDINGS

Field observations noted the soils transitioned from a medium-coarse, brown sand to a dense, light-brown/tan clay with some silt around 2-3 ft bgs and extended to the base of the excavation along the southern side of the proposed excavation area (TP-4 through TP-6).The clay layer contained rust-red staining, which can be indicative of the high water table mark in soils. At TP-1, the clay layer began at 0.5 ft bgs. The clay layer was not encountered at TP-2, nor at TP-3. Atlas screened soils with a PID every 1-2 feet; no readings exceeded 0.0 ppmv. No visual staining or olfactory observations indicated the presence of petroleum contamination.

Analytical results were characterized into 4 soil re-use classes (Class 1, 2, 3 and 4) which are outlined below, based on Ecology's 2016 Guidance (Table 12.1 and 12.2) and MTCA Level A Cleanup Levels.

- Class 1: No evidence of contamination and can be reused on-site based on testing and geotechnical properties.
- Class 2: Low levels of contamination that exceed natural background levels but below Ecology's MTCA Cleanup levels.
- Class 3: Moderate levels of contamination that exceed Ecology's MTCA Cleanup levels.
- Class 4: Higher levels of contamination that exceed MTCA Methods A cleanup levels and may contain F-listed waste that require handling and disposal as Dangerous Waste.

Based on the analytical results, TP-1, TP-3, TP-4, TP-5, and TP-6 can be categorized as Class 2; no analytes exceeded MTCA Level A Cleanup standards. TP-2 is categorized as Class 3 due to three compounds meeting Class 3 levels, and one compound, Arsenic, exceeded the MTCA Level A Cleanup Level (**Table 2**).

Class 2 Soils can be used as backfill at cleanup sites, fill in commercial or industrial areas, or road and bridge embankment constructions, given that the soils are:

- Placed the highest water mark, or, if not known, placed 10 feet above the water table
- Not placed within 100 feet of any private drinking water well or within the 10-year wellhead protection area of a public water supply well
- Not placed in or directly adjacent to a wetland/surface water where contact with water is possible
- Not placed under a surface water infiltration facility or septic drain

Class 3 Soils are soils with moderate levels of residual petroleum contamination and PAHs that could have adverse impacts on the environment. Class 3 soil may be re-used on-site if it meets all conditions described in Class 2, as well as:

- Should be a maximum of 2 feet thick to minimize potential for leaching or vapor impacts.
- Not be placed under a surface water infiltration facility or septic drain field

- When exposed, runoff from area in use should be contained or treated to prevent entrance to storm drains, surface water or wetlands

If Class 2 soils meet criteria outlined above, the soils could be re-used as backfill at cleanup sites above the water table, as fill in commercial or industrial areas above the water table, or as road and bridge embankment construction in areas above the water area. Class 3 soils, if all criteria are met, can be re-used as pavement base material under public and private paved streets and roads, and as material under commercial industrial parking lots.

Copies of the Analytical Laboratory Results and completed chain-of-custody are provided in **Appendix II.**

4. CONCLUSIONS AND RECOMMENDATIONS

Soil sample results from TP-2 meet Class 3 criteria, as well as exceed MTCA Level A Cleanup levels for Arsenic. All other soil sample results meet Class 2 criteria, and do not exceed any MTCA Cleanup Levels. Atlas recommends either:

1) Segregate soils excavated in the vicinity of TP-2 (up to the extent of the other sample locations), and manage that soil as Class 3 soils – the other soils excavated could be considered Class 2 soils. Skanska could then assess their ability to meet on-site re-use criteria for Class 2 soils and engage the services of a landfill for disposal recommendations for Class 3 soils. This option would require additional resources up-front during excavation and additional time required for two separate management plans. Disposal costs may be lower overall, if Class 2 soils are able to be re-used on-site.

2) Excavation of all soils without segregation, for disposal at a landfill. Combining soils would likely dilute the higher concentrations from TP-3. If the landfill required additional waste characterization, the results of the diluted soils may support lower cost for disposal of all soils. This option would mean all soils are treated similarly by selected landfill, and unless additional testing occurs, the highest laboratory results may be applied to all soils. This option also requires less resources, as soils are not being managed separately.

Atlas also recommends outreach to landfills to determine if any additional analysis is required prior to submitting soils for acceptance, and that the landfill itself is permitted to accept the material.

5. LIMITATIONS

The scope of services described herein was intended to provide additional information regarding the presence of Petroleum Hydrocarbons, VOCs, PAHs and RCRA 8 Metals within proposed

excavation in A5. This scope collected discrete soil samples from six locations, at depths extending to 7 ft bgs in three locations and 4 ft in three locations – as such, data presented can only describe the soils analyzed – additional samples would be required for full site characterization. If the proposed excavation extends beyond the limits of the test pits horizontally or vertically, additional data may be required to confirm results align with previous data.

This work was not designed to identify all potential concerns or to eliminate all risk associated with the subject Property. Even the most rigorous professional assessments may fail to identify all existing conditions. This work will not provide a guarantee regarding site contamination and may not generate sufficient data to accurately define the lateral and vertical extent of contamination. This work does not include other services not specifically described in the scope of services presented above.

Property activities and regulations beyond Atlas control could change at any time after the completion of our sampling. Therefore, Atlas observations, findings, and opinions can be considered valid as of the property visit and at the locations where samples were collected and tested.

Our report may be used only by the client and only for the purposes stated, within a reasonable time from its issuance. Land use, site conditions, (both on-site and off-site) or other factors may change over time, and additional work may be required with the passage of time. Any party other than the client who wishes to use the generated report shall notify Atlas of such intended use. Based on the intended use of the report, Atlas may require that additional work be performed and that an updated report be issued. Non-compliance with any of these requirements by the client or anyone else will release Atlas from any liability resulting from the use of the report by any unauthorized party. No warranty, express or implied, is made

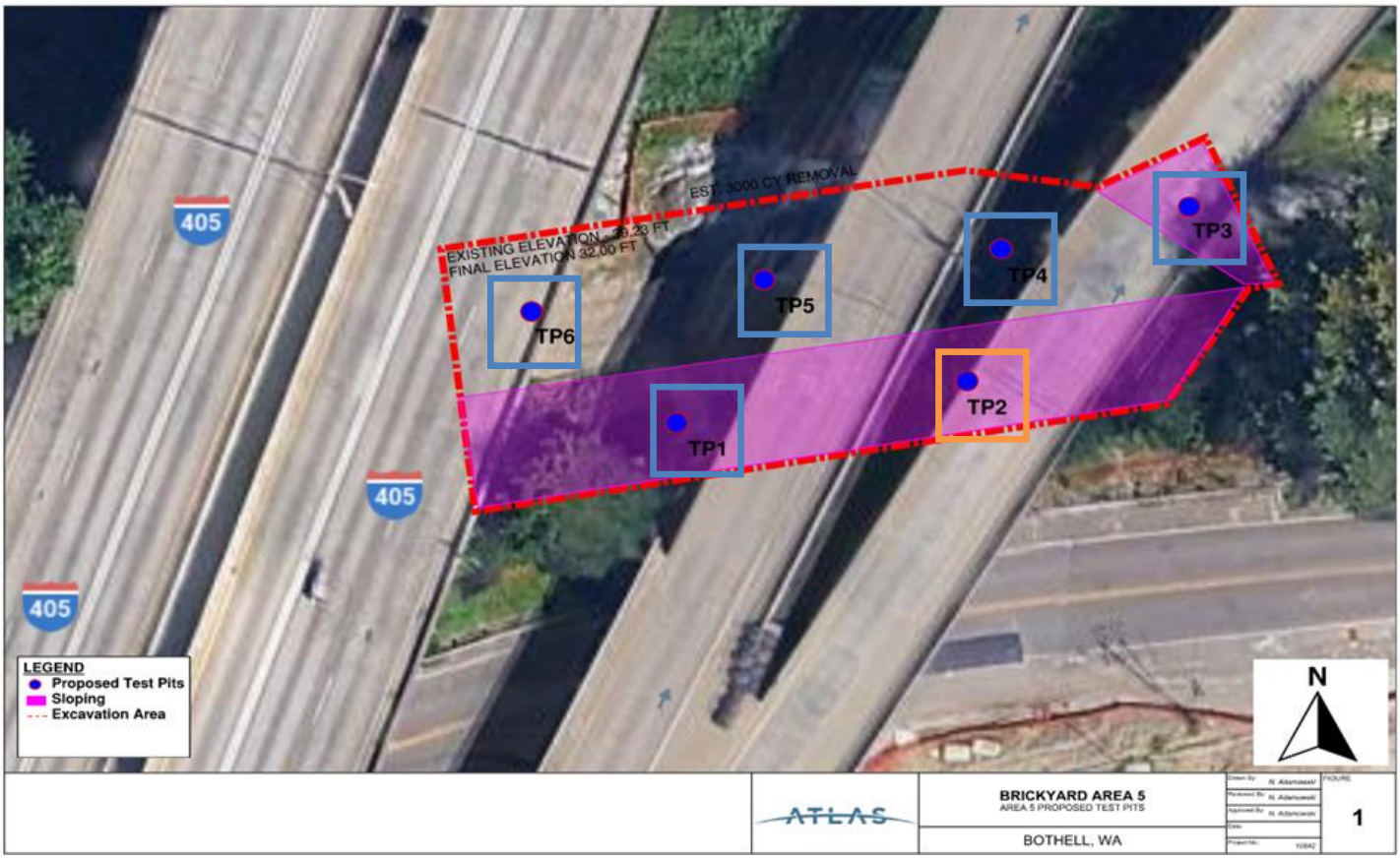


Figure 1: **Soil Test Pit Locations and Soil Categories .**
Blue boxes indicate Class 2 soils, while the orange box indicates Class 3 Soils.

Table 1

Test Pit Location Information

Brickyard Area A5

Skanska I405, SR 522 Vicinity To SR 527 ETL

Bothell, Washington

Atlas PN: 3181

Test Pit ID	Location Description	Latitude:	Longitude:	Sample IDs	Sample Depths (ft bgs)	Max PID (ppmv)
TP-1	Along slope, south western side of proposed excavation	47.75646136	-122.18485795	TP-1-4	4	0.0
TP-2	Along slope, south-eastern side of proposed excavation	47.75642372	-122.18460247	TP-2-4	4	0.0
TP-3	Northeastern corner of proposed excavation	47.75665655	-122.18424574	TP-3-4	4	0.0
TP-4	Northeastern middle of proposed excavation	47.75658105	-122.18466584	TP-4-3 TP-4-5 TP-4-7	3 5 7	0.0 0.0 0.0
TP-5	Northwestern middle of proposed excavation	47.75656978	-122.18448646	TP-5-3 TP-5-5 TP-5-7	3 5 7	0.0 0.0 0.0
TP-6	Northwestern corner of proposed excavation	47.75657406	-122.18477078	TP-6-3 TP-6-5 TP-6-7	3 5 7	0.0 0.0 0.0

Notes:

Coordinates obtained using UTM Geo Map application, created by Geodesy Engineers, © Y2 Technology

UTM Geo Map application utilizes Google Maps software

Coordinates presented in Decimal Degrees

Table 2
Select Soil Analytical Results
Brickyard Area A5
Skanska I405, SR 522 Vicinity To SR 527 ETL
Bothell, Washington
Atlas PN: 3181

Sample ID	Analyte	ECOLOGY SOIL REUSE CATEGORIES				MTCA CLEANUP STANDARDS		Result (mg/kg)
		1	2	3	4	A - Unrestricted	A - Industrial	
TP-1-4	Total cPAHs	<0.05	0.05-0.1	>0.1-2	>2	--	--	0.0055961
TP-1-4	Arsenic	--	--	--	--	**20**	**20**	7.04
TP-1-4	Barium	--	--	--	--	**16,000**	--	148
TP-1-4	Cadmium	--	--	--	--	**2**	**2**	0.128
TP-1-4	Chromium	--	--	--	--	**2,000**	--	46
TP-1-4	Copper	--	--	--	--	--	--	31
TP-1-4	Lead	<17	17-50	>50-220	<220	**250**	**1000**	6.68
TP-1-4	Mercury	--	--	--	--	**2**	**2**	0.0545
TP-1-4	Nickel	--	--	--	--	--	--	56.2
TP-1-4	Selenium	--	--	--	--	--	--	0.541
TP-1-4	Silver	--	--	--	--	**400**	--	ND<0.126
TP-1-4	Zinc	--	--	--	--	**400**	--	73.1
TP-1-4	Total Naphthalenes	<0.05	0.05-5	<=5	>5	--	--	ND<0.01096
TP-1-4	Diesel Range Organics	<25	25-200	>200-500	>500	**2000**	**2000**	ND<13.1
TP-1-4	Gasoline Range Organics	<5	5-30	>30-100	>100	**100**	**100**	ND<0.637
TP-1-4	Lube Oil	<100	100-200	>200-500	>500	**2000**	**2000**	ND<45.9
TP-1-4	Benzene	<0.005	0.005-0.03	<=0.03	>0.03	**0.03**	**0.03**	ND<0.0049
TP-1-4	Ethylbenzene	<0.005	0.005-6	<=6	>6	**6**	**6**	ND<0.00675
TP-1-4	Toluene	<0.005	0.005-7	<=7	>7	**7**	**7**	ND<0.0117
TP-1-4	Total Xylenes	<0.015	0.015-9	<=9	>9	**9**	**9**	ND<0.01803
TP-2-4	Total cPAHs	<0.05	0.05-0.1	>0.1-2	>2	--	--	0.109648
TP-2-4	Arsenic	--	--	--	--	**20**	**20**	**23.6**
TP-2-4	Barium	--	--	--	--	**16,000**	--	183
TP-2-4	Cadmium	--	--	--	--	**2**	**2**	0.583
TP-2-4	Chromium	--	--	--	--	**2,000**	--	44.5
TP-2-4	Copper	--	--	--	--	--	--	50.5
TP-2-4	Lead	<17	17-50	>50-220	<220	**250**	**1000**	178
TP-2-4	Mercury	--	--	--	--	**2**	**2**	0.0616
TP-2-4	Nickel	--	--	--	--	--	--	51
TP-2-4	Selenium	--	--	--	--	**400**	--	0.651
TP-2-4	Silver	--	--	--	--	**400**	--	ND<0.128
TP-2-4	Zinc	--	--	--	--	--	--	266
TP-2-4	Naphthalene	See Total Naphthalenes				**5**	**5**	ND<0.00338
TP-2-4	Total Naphthalenes	<0.05	0.05-5	<=5	>5	--	--	ND<0.01086
TP-2-4	Diesel Range Organics	<25	25-200	>200-500	>500	**2000**	**2000**	ND<13.1
TP-2-4	Gasoline Range Organics	<5	5-30	>30-100	>100	**100**	**100**	ND<0.751
TP-2-4	Lube Oil	<100	100-200	>200-500	>500	**2000**	**2000**	259
TP-2-4	Benzene	<0.005	0.005-0.03	<=0.03	>0.03	**0.03**	**0.03**	ND<0.00578
TP-2-4	Ethylbenzene	<0.005	0.005-6	<=6	>6	**6**	**6**	ND<0.00796
TP-2-4	Toluene	<0.005	0.005-7	<=7	>7	**7**	**7**	ND<0.0138
TP-2-4	Total Xylenes	<0.015	0.015-9	<=9	>9	**9**	**9**	ND<0.02129
TP-3-4	Total cPAHs	<0.05	0.05-0.1	>0.1-2	>2	--	--	0.0049684

TP-3-4	Arsenic	--	--	--	--	**20**	**20**	2.87
TP-3-4	Barium	--	--	--	--	**16,000**	**--**	59.7
TP-3-4	Cadmium	--	--	--	--	**2**	**2**	0.0871
TP-3-4	Chromium	--	--	--	--	**2,000**	**--**	23.6
TP-3-4	Copper	--	--	--	--	**--**	**--**	18.2
TP-3-4	Lead	<17	17-50	>50-220	<220	**250**	**1000**	4.11
TP-3-4	Mercury	--	--	--	--	**2**	**2**	ND<0.00788
TP-3-4	Nickel	--	--	--	--	**--**	**--**	29.3
TP-3-4	Selenium	--	--	--	--	**400**	**--**	0.342
TP-3-4	Silver	--	--	--	--	**400**	**--**	ND<0.105
TP-3-4	Zinc	--	--	--	--	**--**	**--**	38.4
TP-3-4	Naphthalene	See Total Naphthalenes				**5**	**5**	ND<0.00303
TP-3-4	Total Naphthalenes	<0.05	0.05-5	<=5	>5	**--**	**--**	ND<0.00973
TP-3-4	Diesel Range Organics	<25	25-200	>200-500	>500	**2000**	**2000**	ND<11.1
TP-3-4	Gasoline Range Organics	<5	5-30	>30-100	>100	**100**	**100**	ND<0.607
TP-3-4	Lube Oil	<100	100-200	>200-500	>500	**2000**	**2000**	ND<38.8
TP-3-4	Benzene	<0.005	0.005-0.03	<=0.03	>0.03	**0.03**	**0.03**	ND<0.00467
TP-3-4	Ethylbenzene	<0.005	0.005-6	<=6	>6	**6**	**6**	ND<0.00643
TP-3-4	Toluene	<0.005	0.005-7	<=7	>7	**7**	**7**	ND<0.0112
TP-3-4	Total Xylenes	<0.015	0.015-9	<=9	>9	**9**	**9**	ND<0.01723
TP-4-3	Total cPAHs	<0.05	0.05-0.1	>0.1-2	>2	**--**	**--**	0.00595485
TP-4-3	Arsenic	--	--	--	--	**20**	**20**	6.48
TP-4-3	Barium	--	--	--	--	**16,000**	**--**	128
TP-4-3	Cadmium	--	--	--	--	**2**	**2**	0.0766
TP-4-3	Chromium	--	--	--	--	**2,000**	**--**	52.3
TP-4-3	Copper	--	--	--	--	**--**	**--**	29.4
TP-4-3	Lead	<17	17-50	>50-220	<220	**250**	**1000**	5.88
TP-4-3	Mercury	--	--	--	--	**2**	**2**	0.0671
TP-4-3	Nickel	--	--	--	--	**--**	**--**	48.9
TP-4-3	Selenium	--	--	--	--	**400**	**--**	0.551
TP-4-3	Silver	--	--	--	--	**400**	**--**	ND<0.128
TP-4-3	Zinc	--	--	--	--	**--**	**--**	61.6
TP-4-3	Naphthalene	See Total Naphthalenes				**5**	**5**	ND<0.00363
TP-4-3	Total Naphthalenes	<0.05	0.05-5	<=5	>5	**--**	**--**	ND<0.01166
TP-4-3	Diesel Range Organics	<25	25-200	>200-500	>500	**2000**	**2000**	ND<13.4
TP-4-3	Gasoline Range Organics	<5	5-30	>30-100	>100	**100**	**100**	ND<0.625
TP-4-3	Lube Oil	<100	100-200	>200-500	>500	**2000**	**2000**	ND<47
TP-4-3	Benzene	<0.005	0.005-0.03	<=0.03	>0.03	**0.03**	**0.03**	ND<0.00481
TP-4-3	Ethylbenzene	<0.005	0.005-6	<=6	>6	**6**	**6**	ND<0.00663
TP-4-3	Toluene	<0.005	0.005-7	<=7	>7	**7**	**7**	ND<0.0115
TP-4-3	Total Xylenes	<0.015	0.015-9	<=9	>9	**9**	**9**	ND<0.01771
TP-4-5	Total cPAHs	<0.05	0.05-0.1	>0.1-2	>2	**--**	**--**	0.0057165
TP-4-5	Arsenic	--	--	--	--	**20**	**20**	6.68
TP-4-5	Barium	--	--	--	--	**16,000**	**--**	153
TP-4-5	Cadmium	--	--	--	--	**2**	**2**	0.0809
TP-4-5	Chromium	--	--	--	--	**2,000**	**--**	55
TP-4-5	Copper	--	--	--	--	**--**	**--**	31.8
TP-4-5	Lead	<17	17-50	>50-220	<220	**250**	**1000**	7.15
TP-4-5	Mercury	--	--	--	--	**2**	**2**	0.0825
TP-4-5	Nickel	--	--	--	--	**--**	**--**	55.2
TP-4-5	Selenium	--	--	--	--	**400**	**--**	0.56

TP-4-5	Silver	--	--	--	--	**400**	**--**	ND<0.127
TP-4-5	Zinc	--	--	--	--	**--**	**--**	72.4
TP-4-5	Naphthalene	See Total Naphthalenes				**5**	**5**	ND<0.00349
TP-4-5	Total Naphthalenes	<0.05	0.05-5	<=5	>5	**--**	**--**	ND<0.01119
TP-4-5	Diesel Range Organics	<25	25-200	>200-500	>500	**2000**	**2000**	ND<13.3
TP-4-5	Gasoline Range Organics	<5	5-30	>30-100	>100	**100**	**100**	ND<0.63
TP-4-5	Lube Oil	<100	100-200	>200-500	>500	**2000**	**2000**	ND<46.7
TP-4-5	Benzene	<0.005	0.005-0.03	<=0.03	>0.03	**0.03**	**0.03**	ND<0.00484
TP-4-5	Ethylbenzene	<0.005	0.005-6	<=6	>6	**6**	**6**	ND<0.00667
TP-4-5	Toluene	<0.005	0.005-7	<=7	>7	**7**	**7**	ND<0.0116
TP-4-5	Total Xylenes	<0.015	0.015-9	<=9	>9	**9**	**9**	ND<0.01786
TP-4-7	Total cPAHs	<0.05	0.05-0.1	>0.1-2	>2	**--**	**--**	0.0061445
TP-4-7	Arsenic	--	--	--	--	**20**	**20**	7.46
TP-4-7	Barium	--	--	--	--	**16,000**	**--**	185
TP-4-7	Cadmium	--	--	--	--	**2**	**2**	0.119
TP-4-7	Chromium	--	--	--	--	**2,000**	**--**	56.7
TP-4-7	Copper	--	--	--	--	**--**	**--**	40
TP-4-7	Lead	<17	17-50	>50-220	<220	**250**	**1000**	8.77
TP-4-7	Mercury	--	--	--	--	**2**	**2**	0.0637
TP-4-7	Nickel	--	--	--	--	**--**	**--**	65.5
TP-4-7	Selenium	--	--	--	--	**400**	**--**	0.721
TP-4-7	Silver	--	--	--	--	**400**	**--**	ND<0.123
TP-4-7	Zinc	--	--	--	--	**--**	**--**	90.7
TP-4-7	Naphthalene	See Total Naphthalenes				**5**	**5**	ND<0.00375
TP-4-7	Total Naphthalenes	<0.05	0.05-5	<=5	>5	**--**	**--**	ND<0.01204
TP-4-7	Diesel Range Organics	<25	25-200	>200-500	>500	**2000**	**2000**	ND<13.6
TP-4-7	Gasoline Range Organics	<5	5-30	>30-100	>100	**100**	**100**	ND<0.667
TP-4-7	Lube Oil	<100	100-200	>200-500	>500	**2000**	**2000**	ND<47.5
TP-4-7	Benzene	<0.005	0.005-0.03	<=0.03	>0.03	**0.03**	**0.03**	ND<0.00513
TP-4-7	Ethylbenzene	<0.005	0.005-6	<=6	>6	**6**	**6**	ND<0.00706
TP-4-7	Toluene	<0.005	0.005-7	<=7	>7	**7**	**7**	ND<0.0122
TP-4-7	Total Xylenes	<0.015	0.015-9	<=9	>9	**9**	**9**	ND<0.01893
TP-5-3	Total cPAHs	<0.05	0.05-0.1	>0.1-2	>2	**--**	**--**	0.00575465
TP-5-3	Arsenic	--	--	--	--	**20**	**20**	7.7
TP-5-3	Barium	--	--	--	--	**16,000**	**--**	165
TP-5-3	Cadmium	--	--	--	--	**2**	**2**	0.0926
TP-5-3	Chromium	--	--	--	--	**2,000**	**--**	55.6
TP-5-3	Copper	--	--	--	--	**--**	**--**	27.3
TP-5-3	Lead	<17	17-50	>50-220	<220	**250**	**1000**	8.14
TP-5-3	Mercury	--	--	--	--	**2**	**2**	0.0518
TP-5-3	Nickel	--	--	--	--	**--**	**--**	48.8
TP-5-3	Selenium	--	--	--	--	**400**	**--**	0.558
TP-5-3	Silver	--	--	--	--	**400**	**--**	ND<0.122
TP-5-3	Zinc	--	--	--	--	**--**	**--**	63.7
TP-5-3	Naphthalene	See Total Naphthalenes				**5**	**5**	ND<0.00351
TP-5-3	Total Naphthalenes	<0.05	0.05-5	<=5	>5	**--**	**--**	ND<0.01127
TP-5-3	Diesel Range Organics	<25	25-200	>200-500	>500	**2000**	**2000**	ND<13
TP-5-3	Gasoline Range Organics	<5	5-30	>30-100	>100	**100**	**100**	ND<0.572
TP-5-3	Lube Oil	<100	100-200	>200-500	>500	**2000**	**2000**	ND<45.8
TP-5-3	Benzene	<0.005	0.005-0.03	<=0.03	>0.03	**0.03**	**0.03**	ND<0.00439
TP-5-3	Ethylbenzene	<0.005	0.005-6	<=6	>6	**6**	**6**	ND<0.00605

TP-5-3	Toluene	<0.005	0.005-7	<=7	>7	**7**	**7**	ND<0.0105
TP-5-3	Total Xylenes	<0.015	0.015-9	<=9	>9	**9**	**9**	ND<0.01617
TP-5-5	Total cPAHs	<0.05	0.05-0.1	>0.1-2	>2	**--**	**--**	0.00604665
TP-5-5	Arsenic	--	--	--	--	**20**	**20**	6.77
TP-5-5	Barium	--	--	--	--	**16,000**	**--**	184
TP-5-5	Cadmium	--	--	--	--	**2**	**2**	0.139
TP-5-5	Chromium	--	--	--	--	**2,000**	**--**	51.7
TP-5-5	Copper	--	--	--	--	**--**	**--**	44.4
TP-5-5	Lead	<17	17-50	>50-220	<220	**250**	**1000**	8.78
TP-5-5	Mercury	--	--	--	--	**2**	**2**	0.0589
TP-5-5	Nickel	--	--	--	--	**--**	**--**	68.1
TP-5-5	Selenium	--	--	--	--	**400**	**--**	0.599
TP-5-5	Silver	--	--	--	--	**400**	**--**	ND<0.135
TP-5-5	Zinc	--	--	--	--	**--**	**--**	92.1
TP-5-5	Naphthalene	See Total Naphthalenes				**5**	**5**	ND<0.00369
TP-5-5	Total Naphthalenes	<0.05	0.05-5	<=5	>5	**--**	**--**	ND<0.01184
TP-5-5	Diesel Range Organics	<25	25-200	>200-500	>500	**2000**	**2000**	ND<13.8
TP-5-5	Gasoline Range Organics	<5	5-30	>30-100	>100	**100**	**100**	ND<0.698
TP-5-5	Lube Oil	<100	100-200	>200-500	>500	**2000**	**2000**	ND<48.5
TP-5-5	Benzene	<0.005	0.005-0.03	<=0.03	>0.03	**0.03**	**0.03**	ND<0.00537
TP-5-5	Ethylbenzene	<0.005	0.005-6	<=6	>6	**6**	**6**	ND<0.0074
TP-5-5	Toluene	<0.005	0.005-7	<=7	>7	**7**	**7**	ND<0.0128
TP-5-5	Total Xylenes	<0.015	0.015-9	<=9	>9	**9**	**9**	ND<0.01985
TP-5-7	Arsenic	--	--	--	--	**20**	**20**	4.81
TP-5-7	Barium	--	--	--	--	**16,000**	**--**	153
TP-5-7	Cadmium	--	--	--	--	**2**	**2**	0.0787
TP-5-7	Chromium	--	--	--	--	**2,000**	**--**	50.9
TP-5-7	Copper	--	--	--	--	**--**	**--**	27.1
TP-5-7	Lead	<17	17-50	>50-220	<220	**250**	**1000**	6.29
TP-5-7	Mercury	--	--	--	--	**2**	**2**	0.0615
TP-5-7	Nickel	--	--	--	--	**--**	**--**	53.1
TP-5-7	Selenium	--	--	--	--	**400**	**--**	0.546
TP-5-7	Silver	--	--	--	--	**400**	**--**	ND<0.127
TP-5-7	Zinc	--	--	--	--	**--**	**--**	68.1
TP-5-7	Naphthalene	See Total Naphthalenes				**5**	**5**	ND<0.00353
TP-5-7	Total Naphthalenes	<0.05	0.05-5	<=5	>5	**--**	**--**	ND<0.01133
TP-5-7	Diesel Range Organics	<25	25-200	>200-500	>500	**2000**	**2000**	ND<12.9
TP-5-7	Gasoline Range Organics	<5	5-30	>30-100	>100	**100**	**100**	ND<0.623
TP-5-7	Lube Oil	<100	100-200	>200-500	>500	**2000**	**2000**	ND<45.4
TP-5-7	Benzene	<0.005	0.005-0.03	<=0.03	>0.03	**0.03**	**0.03**	ND<0.00479
TP-5-7	Ethylbenzene	<0.005	0.005-6	<=6	>6	**6**	**6**	ND<0.0066
TP-5-7	Toluene	<0.005	0.005-7	<=7	>7	**7**	**7**	ND<0.0115
TP-5-7	Total Xylenes	<0.015	0.015-9	<=9	>9	**9**	**9**	ND<0.01769
TP-6-3	Total cPAHs	<0.05	0.05-0.1	>0.1-2	>2	**--**	**--**	0.0046789
TP-6-3	Arsenic	--	--	--	--	**20**	**20**	3.49
TP-6-3	Barium	--	--	--	--	**16,000**	**--**	98.2
TP-6-3	Cadmium	--	--	--	--	**2**	**2**	0.0897
TP-6-3	Chromium	--	--	--	--	**2,000**	**--**	30.6
TP-6-3	Copper	--	--	--	--	**--**	**--**	20.4
TP-6-3	Lead	<17	17-50	>50-220	<220	**250**	**1000**	3.63
TP-6-3	Mercury	--	--	--	--	**2**	**2**	ND<0.00804

TP-6-3	Nickel	--	--	--	--	--	--	35.7
TP-6-3	Selenium	--	--	--	--	**400**	--	0.315
TP-6-3	Silver	--	--	--	--	**400**	--	ND<0.107
TP-6-3	Zinc	--	--	--	--	--	--	41.1
TP-6-3	Naphthalene	See Total Naphthalenes				**5**	**5**	ND<0.00285
TP-6-3	Total Naphthalenes	<0.05	0.05-5	<=5	>5	--	--	ND<0.00916
TP-6-3	Diesel Range Organics	<25	25-200	>200-500	>500	**2000**	**2000**	ND<11.3
TP-6-3	Gasoline Range Organics	<5	5-30	>30-100	>100	**100**	**100**	ND<0.549
TP-6-3	Lube Oil	<100	100-200	>200-500	>500	**2000**	**2000**	ND<39.6
TP-6-3	Benzene	<0.005	0.005-0.03	<=0.03	>0.03	**0.03**	**0.03**	ND<0.00422
TP-6-3	Ethylbenzene	<0.005	0.005-6	<=6	>6	**6**	**6**	ND<0.00582
TP-6-3	Toluene	<0.005	0.005-7	<=7	>7	**7**	**7**	ND<0.0101
TP-6-3	Total Xylenes	<0.015	0.015-9	<=9	>9	**9**	**9**	ND<0.01554
TP-6-5	Total cPAHs	<0.05	0.05-0.1	>0.1-2	>2	--	--	0.00567785
TP-6-5	Arsenic	--	--	--	--	**20**	**20**	4.86
TP-6-5	Barium	--	--	--	--	**16,000**	--	160
TP-6-5	Cadmium	--	--	--	--	**2**	**2**	0.161
TP-6-5	Chromium	--	--	--	--	**2,000**	--	52.6
TP-6-5	Copper	--	--	--	--	--	--	28.8
TP-6-5	Lead	<17	17-50	>50-220	<220	**250**	**1000**	7.6
TP-6-5	Mercury	--	--	--	--	**2**	**2**	0.0575
TP-6-5	Nickel	--	--	--	--	--	--	56.4
TP-6-5	Selenium	--	--	--	--	**400**	--	0.581
TP-6-5	Silver	--	--	--	--	**400**	--	ND<0.118
TP-6-5	Zinc	--	--	--	--	--	--	82.5
TP-6-5	Naphthalene	See Total Naphthalenes				**5**	**5**	ND<0.00346
TP-6-5	Total Naphthalenes	<0.05	0.05-5	<=5	>5	--	--	ND<0.01112
TP-6-5	Diesel Range Organics	<25	25-200	>200-500	>500	**2000**	**2000**	ND<13.3
TP-6-5	Gasoline Range Organics	<5	5-30	>30-100	>100	**100**	**100**	ND<0.577
TP-6-5	Lube Oil	<100	100-200	>200-500	>500	**2000**	**2000**	ND<46.6
TP-6-5	Benzene	<0.005	0.005-0.03	<=0.03	>0.03	**0.03**	**0.03**	ND<0.00444
TP-6-5	Ethylbenzene	<0.005	0.005-6	<=6	>6	**6**	**6**	ND<0.00611
TP-6-5	Toluene	<0.005	0.005-7	<=7	>7	**7**	**7**	ND<0.0106
TP-6-5	Total Xylenes	<0.015	0.015-9	<=9	>9	**9**	**9**	ND<0.01632
TP-6-7	Total cPAHs	<0.05	0.05-0.1	>0.1-2	>2	--	--	0.0058304
TP-6-7	Total cPAHs	<0.05	0.05-0.1	>0.1-2	>2	--	--	0.00578675
TP-6-7	Arsenic	--	--	--	--	**20**	**20**	6.2
TP-6-7	Barium	--	--	--	--	**16,000**	--	153
TP-6-7	Cadmium	--	--	--	--	**2**	**2**	0.0911
TP-6-7	Chromium	--	--	--	--	**2,000**	--	56.6
TP-6-7	Copper	--	--	--	--	--	--	35.2
TP-6-7	Lead	<17	17-50	>50-220	<220	**250**	**1000**	6.75
TP-6-7	Mercury	--	--	--	--	**2**	**2**	0.0715
TP-6-7	Nickel	--	--	--	--	--	--	59.7
TP-6-7	Selenium	--	--	--	--	**400**	--	0.54
TP-6-7	Silver	--	--	--	--	**400**	--	ND<0.13
TP-6-7	Zinc	--	--	--	--	--	--	71.4
TP-6-7	Naphthalene	See Total Naphthalenes				**5**	**5**	ND<0.00355
TP-6-7	Total Naphthalenes	<0.05	0.05-5	<=5	>5	--	--	ND<0.01141
TP-6-7	Diesel Range Organics	<25	25-200	>200-500	>500	**2000**	**2000**	ND<13.7
TP-6-7	Gasoline Range Organics	<5	5-30	>30-100	>100	**100**	**100**	ND<0.828

TP-6-7	Lube Oil	<100	100-200	>200-500	>500	**2000**	**2000**	ND<48.1
TP-6-7	Benzene	<0.005	0.005-0.03	<=0.03	>0.03	**0.03**	**0.03**	ND<0.00636
TP-6-7	Ethylbenzene	<0.005	0.005-6	<=6	>6	**6**	**6**	ND<0.00877
TP-6-7	Toluene	<0.005	0.005-7	<=7	>7	**7**	**7**	ND<0.0152
TP-6-7	Total Xylenes	<0.015	0.015-9	<=9	>9	**9**	**9**	ND<0.02346

Notes:

Samples collected 9/24/2025 and analyzed via EPA Methods SW8270SIM, 8260D, 6020B, NWTPH-Dx, and NWTPH-Gx

Soil Re-use Categories, Table 12.1, *Guidance for Remediation of Petroleum Contaminated Sites,* Washington Department of Ecology, 2016

Green highlighted value indicates Category 1 Blue highlighted value indicates Category 2

Light Orange value indicates Category 3 Dark Orange value indicates Category 4

ND> indicates non-detect less than the metho mg/Kg = migrograms per kilogram

Bold, Red value indicates the value exceeds the MTCA Level A Cleanup Standard (Specified), Unrestricted or Industrial

cPAHs = Carcinogenic Polyaromatic Hydrocarbons

Total cPAH calculated via Environmental Protection Agency guidance:

Each of the seven carcinogenic PAHs were multiplied by their EPA-designated Toxic Equivalency Factor (TEF) and summed. Non-detect concentrations are included via multiplying the method detection limit by one-half and by its TEF, and summing.

APPENDIX I
FIELD NOTES

ATLAS

Log of Boring:

Client: Skanska
Project Name: Brickyard Soil Sampling
Location: TP-02, -04, -07
OSG PN: 10342/17/8
Logged By: HW, AC

Date & Time Started: 9/24 @ 1115
Date & Time Completed: " " @ 1145
Drilling Company: Skanska
Drilling Method: Test pits

Depth of Water ATD: —
Total Boring Depth: 4', 7', 4'
Primary Driller: Skanska
Drilling Equipment: Excavator

Depth	Sample Interval	Recovery	PID (ppm)	Lithologic Description	Sample ID
TP-2				0-.5 loamy, brown m-c sand, moist, no PET 0.5-1.5 dk brown/black loamy organic material w/ roots, matrix m-c moist sand no PET 1.5-3 brown, m-c, some f-sand with silt, no PET, moist 3-4' SAA, w/ redox features (Fe + staining) no PET, moist med. compaction END OF PIT	TP-2-4 @1130
TP-4				Date: 9/24 Time Start: 1148 Finish: 1230 0-1' Quarry spall in matrix of dk brown, moist, m sand to large river cobbles, rounded, 3-4" long, moist, no PET odor, loose 1-1.5 Dk brown, m-c sand, some silt 1.5-3 brown, m-f sand and dry silty clay, redox features, no PET odor grading to clay, tan, dry, no odor, tight/compact, well sorted SAA end of pit	TP-4-3 @1200 TP-4-5 @1210 TP-4-7 @1215
TP-1				Date: 9/24 Time Start: 1245 Finish: 0-0.5 Dk brown, loamy, organic m sand, some silty clay-tanish-, moist, no PET, some little gravel 0.5-2 Silty clay, tight, dry, some redox, well sorted, no PET odor, trace organics SAA END of boring	TP-1-4 @1300

Notes (well construction if applicable):
PET = petroleum
SAA = same as above

All depths provided in feet below ground surface unless otherwise noted. ATD = at time of drilling.

ATLAS

Log of Boring:

Client: Skanska
Project Name: Backyard Soil Sampling
Location: TP-06, -05, -03
OSG PN: 10542.17.8
Logged By: AG

Date & Time Started: 9/24 @ 1315
Date & Time Completed: @
Drilling Company: Skanska
Drilling Method: Test pits

Depth of Water ATD: —
Total Boring Depth: 7'
Primary Driller: Skanska
Drilling Equipment: Excavator

Depth	Sample Interval	Recovery	PID (ppm)	Lithologic Description	Sample ID
TP-6					
0	—	—	0.0	0-0.5' loamy, brown m SAND, little silt, moist, no PET 0.5-1' grayish black silt, little sand and gravel, trace clay, organic odor, trace cobbles	no PET odor
				1-1.5 SAA	
	—	—	0.0	1.5-2 grayish light brown silt to silty sand and gravel, some cobbles, organic odor (septic?)	TP6-3 @1330 TP6-5 @1355
			0.0	2-3 SAA	TP-6-7 @1405
			0.0	3-7 silty clay, dense, some redox	
5			0.0	END of boring	
TP-5					
				0-0.5 loamy, brown F/C sand, little silt, moist 0.5-1' grayish-black silt and gravel, little sand, trace clay, organic odor, dense	no PET odor
			0.0	1-1.5 SAA	
			0.0	1.5-2 grayish-light brown silt to silty sand and gravel, dense, some cobbles, organic odor	
			0.0	3-7 v.dense light brown clay, little silt, redox	TP-5-3 @1435 TP-5-5 @1420 TP-5-7 @1445
			0.0	4	
			0.0	5	
10			0.0	6	
			0.0	7	
				END of Boring	
TP-3					
	—	—	0.0	0-1 Brown SAND, some gravel, little silt, v. dry, loose	no PET odor
	—	—	0.0	1-2 SAA	
	—	—	0.0	2-3 SAA	
	—	—	0.0	3-4 SAA	TP-3-4 @1505
	—			END of boring	
15					
20					

Notes (well construction if applicable):
PET = petroleum
SAA = same as above

All depths provided in feet below ground surface unless otherwise noted. ATD = at time of drilling.

APPENDIX II
ANALYTICAL RESULTS

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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,

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

Date: *10/02/2025*

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

Case Narrative

WO#: **2509601**

Date: **10/2/2025**

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
Project: Brickyard Soil Sampling
Lab ID: 2509601-001
Client Sample ID: **TP-2-4**

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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

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
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

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
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

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
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

Client: Atlas Technical Consultants
Project: Brickyard Soil Sampling
Lab ID: 2509601-003
Client Sample ID: **TP-4-5**

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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
Project: Brickyard Soil Sampling
Lab ID: 2509601-003
Client Sample ID: **TP-4-5**

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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

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
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
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

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
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

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
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

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
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

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
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

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
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

Analytical Report

Work Order: **2509601**
Date Reported: **10/2/2025**

Client: Atlas Technical Consultants
Project: Brickyard Soil Sampling
Lab ID: 2509601-007
Client Sample ID: **TP-6-5**

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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

Client: Atlas Technical Consultants
Project: Brickyard Soil Sampling
Lab ID: 2509601-008
Client Sample ID: **TP-6-7**

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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

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
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

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
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

Analytical Report

Work Order: **2509601**
Date Reported: **10/2/2025**

Client: Atlas Technical Consultants
Project: Brickyard Soil Sampling
Lab ID: 2509601-009
Client Sample ID: **TP-5-3**

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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

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
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

Analytical Report

Work Order: **2509601**
Date Reported: **10/2/2025**

Client: Atlas Technical Consultants
Project: Brickyard Soil Sampling
Lab ID: 2509601-010
Client Sample ID: **TP-5-5**

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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

Analytical Report

Work Order: **2509601**
Date Reported: **10/2/2025**

Client: Atlas Technical Consultants
Project: Brickyard Soil Sampling
Lab ID: 2509601-011
Client Sample ID: **TP-5-7**

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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

Analytical Report

Work Order: **2509601**
Date Reported: **10/2/2025**

Client: Atlas Technical Consultants
Project: Brickyard Soil Sampling
Lab ID: 2509601-011
Client Sample ID: **TP-5-7**

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

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
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

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
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

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
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

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				

Sample Log-In Check List

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

Chain of Custody Record & Laboratory Services Agreement

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

Date: 9/24/25 Page: 1 of: 2

Laboratory Project No (internal): 2509601

Project Name: Brickyard Soil Sampling

Special Remarks:

Project No: 0001842, Phase 17, Task 8

Client: Atlas

Collected by: HW, AG

Address: 17619 NE 67th Ct. #100

Location: Brickyard, Site 5

City, State, Zip: Redmond, WA 98052

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

Telephone: 425-429-7500

Report To (PM): mika.miyamoto@oneatlas.com

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 (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	FDB (8011)	Comments
1 TP-2-4	9/24/25	1130	S	3		X	X		X		X							
2 TP-4-3		1200	S	3		X	X		X		X							
3 TP-4-5		1210	S	3		X	X		X		X							
4 TP-4-7		1215	S	3		X	X		X		X							
5 TP-1-4		1300	S	3		X	X		X		X							
6 TP-6-3		1330	S	3		X	X		X		X							
7 TP-6-5		1355	S	3		X	X		X		X							
8 TP-6-7		1405	S	3		X	X		X		X							
9 TP-5-3		1420	S	3		X	X		X		X							
10 TP-5-5		1435	S	3		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

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	Received (Signature)	Print Name	Date/Time
x Alex Gagnon	Alex Gagnon	9/24/25 16:38	x Jack VanMoore		9/24/25 1638
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		

Chain of Custody Record & Laboratory Services Agreement

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

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

Laboratory Project No (internal): 25096107

Project Name: Brickyard Soil Sampling

Special Remarks:

Project No: 0001054.2, Phase 17, Task 8

Client: Atlas

Collected by: HW, AG

Address: 17619 NE 67th Ct. #100

Location: Brickyard

City, State, Zip: Redmond, WA 98052

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

Telephone: 425-429-7800

Report To (PM): Mika Miyamoto

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 (DX)	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-5-7	9/24/25	1445	S	3		X	X		X		X	X				
2 TP-3-4	9/24/25	1505	S	3		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	Received (Signature)	Print Name	Date/Time
x Alex Gagnon	Alex Gagnon	9/24/25 16:35	x Jon Jacklauthorne		9/24/25 1638
Relinquished (Signature)	Print Name	Date/Time	Received (Signature)	Print Name	Date/Time
x			x		