

Client: Atlas Technical Consultants

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

Project: Brickyard Soil Sampling

Lab ID: 2509601-006

Matrix: Soil

Client Sample ID: TP-6-3

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

Batch ID: 49414

Analyst: ZD

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

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

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

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

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

Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

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

Client: Atlas Technical Consultants

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

Project: Brickyard Soil Sampling

Lab ID: 2509601-006

Matrix: Soil

Client Sample ID: TP-6-3

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

Batch ID: 49404

Analyst: RG

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

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

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

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

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

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

Project: Brickyard Soil Sampling

Lab ID: 2509601-007

Matrix: Soil

Client Sample ID: TP-6-5

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

Batch ID: 49414

Analyst: ZD

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

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

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

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

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

Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

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

Original

Client: Atlas Technical Consultants

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

Project: Brickyard Soil Sampling

Lab ID: 2509601-007

Matrix: Soil

Client Sample ID: TP-6-5

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

Batch ID: 49404

Analyst: RG

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

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

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

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	22.2	0.500		wt%	1	9/30/2025 9:33:34 AM
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Client: Atlas Technical Consultants

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

Project: Brickyard Soil Sampling

Lab ID: 2509601-008

Matrix: Soil

Client Sample ID: TP-6-7

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

Batch ID: 49414

Analyst: ZD

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

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

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

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

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

Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

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

Client: Atlas Technical Consultants

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

Project: Brickyard Soil Sampling

Lab ID: 2509601-008

Matrix: Soil

Client Sample ID: TP-6-7

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

Batch ID: 49404

Analyst: RG

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

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

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

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

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

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

Project: Brickyard Soil Sampling

Lab ID: 2509601-009

Matrix: Soil

Client Sample ID: TP-5-3

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

Batch ID: 49414

Analyst: ZD

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

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

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

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

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

Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

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

Original

Analytical Report

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

Client: Atlas Technical Consultants

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

Project: Brickyard Soil Sampling

Lab ID: 2509601-009

Matrix: Soil

Client Sample ID: TP-5-3

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

Batch ID: 49404

Analyst: RG

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

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

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

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

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

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

Project: Brickyard Soil Sampling

Lab ID: 2509601-010

Matrix: Soil

Client Sample ID: TP-5-5

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

Batch ID: 49414

Analyst: ZD

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

NOTES:

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

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

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

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

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

Client: Atlas Technical Consultants

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

Project: Brickyard Soil Sampling

Lab ID: 2509601-010

Matrix: Soil

Client Sample ID: TP-5-5

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

Batch ID: 49404

Analyst: RG

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

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

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

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	25.5	0.500		wt%	1	9/30/2025 9:33:34 AM
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Client: Atlas Technical Consultants

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

Project: Brickyard Soil Sampling

Lab ID: 2509601-011

Matrix: Soil

Client Sample ID: TP-5-7

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

Batch ID: 49414

Analyst: ZD

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

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

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

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

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

Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

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

Original

Client: Atlas Technical Consultants

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

Project: Brickyard Soil Sampling

Lab ID: 2509601-011

Matrix: Soil

Client Sample ID: TP-5-7

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

Batch ID: 49404

Analyst: RG

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

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

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

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	22.0	0.500		wt%	1	9/30/2025 9:33:34 AM
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Client: Atlas Technical Consultants

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

Project: Brickyard Soil Sampling

Lab ID: 2509601-012

Matrix: Soil

Client Sample ID: TP-3-4

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

Batch ID: 49414

Analyst: ZD

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

PAHs by EPA Method 8270E SIM

Batch ID: 49422

Analyst: SH

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

Gasoline by NWTPH-Gx

Batch ID: 49404

Analyst: RG

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

Volatile Organic Compounds by EPA 8260D

Batch ID: 49404

Analyst: RG

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

Original

Analytical Report

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

Client: Atlas Technical Consultants

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

Project: Brickyard Soil Sampling

Lab ID: 2509601-012

Matrix: Soil

Client Sample ID: TP-3-4

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

Batch ID: 49404

Analyst: RG

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

Total Metals by EPA 6020B

Batch ID: 49441

Analyst: ME

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

Sample Moisture (Percent Moisture)

Batch ID: R10337

Analyst: MT

Percent Moisture	7.95	0.500		wt%	1	9/30/2025 9:33:34 AM
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