

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : NORTH POINT - 4101 ARTHUR KILL RD - E9306

ENTACT

606 E. Baltimore Pike

Floor 3

Media, PA - 19063

Phone No: 4844440702

ORDER ID : Q1308

ATTENTION : Wyatt Seel



Laboratory Certification ID # 20012



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Cover Page

Order ID : Q1308

Project ID : North Point - 4101 Arthur Kill Rd - E9306

Client : ENTACT

Lab Sample Number

Q1308-01
Q1308-02
Q1308-03
Q1308-04
Q1308-05
Q1308-06
Q1308-07
Q1308-08
Q1308-09
Q1308-10
Q1308-11
Q1308-12
Q1308-13

Client Sample Number

EX-8-TPH-1
EX-6-TPH-1
EX-6-TPH-2
EX-11-TPH-5
EX-11-TPH-6
EX-11-TPH-7
EX-11-TPH-8
EX-11-TPH-9
EX-11-TPH-10
EX-11-TPH-11
EX-11-TPH-12
EX-11-TPH-13
EX-11-TPH-14

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. Release of the data contained in this hard copy data package has been authorized by the laboratory manager or his designee, as verified by the following signature.

Signature : _____

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:50 pm, Feb 17, 2025

Date: 2/15/2025

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ENTACT

Project Name: North Point - 4101 Arthur Kill Rd - E9306

Project # N/A

Chemtech Project # Q1308

Test Name: Gasoline Range Organics

A. Number of Samples and Date of Receipt:

13 Solid samples were received on 02/05/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Diesel Range Organics, EPH and Gasoline Range Organics. This data package contains results for Gasoline Range Organics.

C. Analytical Techniques:

The analysis performed on instrument FID_B were done using GC column RTX502.2 which is 60 meters, 0.53mm ID, 3.0 um df, cat#10909. The analysis of Gasoline Range Organics was based on method 8015D.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for EX-6-TPH-1 [Alpha,Alpha,Alpha-Trifluorotoluene - 0%] Surrogates were diluted out due to the high dilution. No further corrective action was taken.

The Surrogate recoveries met the acceptable criteria except for EX-8-TPH-1 [Alpha,Alpha,Alpha-Trifluorotoluene - 180%], EX-6-TPH-2 [Alpha,Alpha,Alpha-Trifluorotoluene - 162%], EX-11-TPH-9 [Alpha,Alpha,Alpha-Trifluorotoluene - 155%], EX-11-TPH-10 [Alpha,Alpha,Alpha-Trifluorotoluene - 362%], EX-11-TPH-11 [Alpha,Alpha,Alpha-Trifluorotoluene - 261%], EX-11-TPH-12 [Alpha,Alpha and Alpha-Trifluorotoluene - 224%]. but this sample was required dilution as well due to high concentration, therefore no further corrective action taken.

The Retention Times were acceptable for all samples.

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .



Samples EX-8-TPH-1, EX-6-TPH-1, EX-6-TPH-2, EX-11-TPH-5, EX-11-TPH-6, EX-11-TPH-7, EX-11-TPH-8, EX-11-TPH-9, EX-11-TPH-10, EX-11-TPH-11, EX-11-TPH-12, EX-11-TPH-13 and EX-11-TPH-14 were diluted due to bad matrices.

E. Additional Comments:

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

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APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:51 pm, Feb 17, 2025

Signature_____

CASE NARRATIVE

ENTACT

Project Name: North Point - 4101 Arthur Kill Rd - E9306

Project # N/A

Chemtech Project # Q1308

Test Name: Diesel Range Organics

A. Number of Samples and Date of Receipt:

13 Solid samples were received on 02/05/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Diesel Range Organics, EPH and Gasoline Range Organics. This data package contains results for Diesel Range Organics.

C. Analytical Techniques:

The analysis were performed on instrument FID_G. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302. The analysis of Diesel Range Organics was based on method 8015D and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for EX-8-TPH-1 [Tetracosane-d50 - 0%], EX-6-TPH-1 [Tetracosane-d50 - 0%], EX-6-TPH-2 [Tetracosane-d50 - 0%], EX-11-TPH-7 [Tetracosane-d50 - 0%], EX-11-TPH-8 [Tetracosane-d50 - 0%], EX-11-TPH-9 [Tetracosane-d50 - 0%], EX-11-TPH-10 [Tetracosane-d50 - 0%], EX-11-TPH-11 [Tetracosane-d50 - 0%], EX-11-TPH-12 [Tetracosane-d50 - 0%] and EX-11-TPH-13 [Tetracosane-d50 - 0%] Surrogates were diluted out due to the high dilution. No further corrective action was taken.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

Samples EX-8-TPH-1, EX-6-TPH-1, EX-6-TPH-2, EX-11-TPH-7, EX-11-TPH-8, EX-11-TPH-9, EX-11-TPH-10, EX-11-TPH-11, EX-11-TPH-12, EX-11-TPH-13 and EX-11-TPH-14 were diluted due to bad matrices.

E. Additional Comments:

The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:51 pm, Feb 17, 2025

Signature_____

CASE NARRATIVE

ENTACT

Project Name: North Point - 4101 Arthur Kill Rd - E9306

Project # N/A

Chemtech Project # Q1308

Test Name: EPH

A. Number of Samples and Date of Receipt:

13 Solid samples were received on 02/05/2025.

B. Parameters

According to the Chain of Custody document, the following analyses were requested: Diesel Range Organics, EPH and Gasoline Range Organics. This data package contains results for EPH.

C. Analytical Techniques:

The analysis were performed on instrument FID_C. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. The analyses were performed on instrument FID_D. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. The analysis were performed on instrument FID_E. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 10224. The analysis were performed on instrument FID_F. The column is RXI-1MS which is 20 meters, 0.18mm ID, 0.18 um df, catalog 13302. The analysis of EPHs was based on method NJEPH and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for EX-6-TPH-2 [2-Bromonaphthalene (SURR) - 152.64%], EX-6-TPH-2DL [2-Bromonaphthalene (SURR) - 162.4%], EX-6-TPH-2DL2 [2-Bromonaphthalene (SURR) - 159.2%], EX-11-TPH-7 [2-Bromonaphthalene (SURR) - 176.22%], EX-11-TPH-7DL [2-Bromonaphthalene (SURR) - 174.8%], EX-11-TPH-7DL2 [2-Bromonaphthalene (SURR) - 160%], EX-11-TPH-9 [2-Bromonaphthalene (SURR) - 173.62%], EX-11-TPH-9DL [2-Bromonaphthalene (SURR) - 179.4%], EX-11-TPH-9DL2 [2-Bromonaphthalene (SURR) - 189.5%], but this sample was required further dilution as well due to high concentration, therefore original and Dilution analysis were reported and no further corrective action taken.

The Surrogate recoveries met the acceptable criteria except for EX-11-TPH-13DL [2-Bromonaphthalene (SURR) - 0%, 2-Fluorobiphenyl (SURR) - 0%, ortho-Terphenyl (SURR) - 0%], Surrogates were diluted out due to the high dilution. no further corrective action was taken.

The Surrogate recoveries met the acceptable criteria except for EX-11-TPH-13DL [1-chlorooctadecane (SURR) - 141.6%], EX-11-TPH-13DL2 [1-chlorooctadecane (SURR) - 145%] but this sample was required further dilution as well due to high concentration, therefore original and Dilution analysis were reported and no further corrective action taken.

The Surrogate recoveries met the acceptable criteria except for EX-11-TPH-7DL2 [1-chlorooctadecane (SURR) - 0%], EX-11-TPH-9DL2 [1-chlorooctadecane (SURR) - 0%], EX-11-TPH-10DL2 [1-chlorooctadecane (SURR) - 0%], EX-11-TPH-11DL [1-chlorooctadecane (SURR) - 0%], and EX-11-TPH-13DL3 [1-chlorooctadecane (SURR) - 0%]. Surrogates were diluted out due to the high dilution. no further corrective action was taken.

The Retention Times were acceptable for all samples.

The MS {Q1308-04MS} with File ID: FC068234.D recoveries met the requirements for all compounds except for Aliphatic C16-C21[25%] Due to matrix interference.

The MSD {Q1308-04MSD} with File ID: FC068235.D recoveries met the acceptable requirements except for Aliphatic C16-C21[26.7%] Due to matrix interference.

The RPD met criteria .

The Blank Spike met requirements for all samples .

The Blank Spike Duplicate met requirements for all samples .

The Blank analysis did not indicate the presence of lab contamination.

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

Samples for alliphatic EX-8-TPH-1, EX-6-TPH-1, EX-6-TPH-2, EX-6-TPH-2DL, EX-11-TPH-7, EX-11-TPH-7DL, EX-11-TPH-8, EX-11-TPH-9, EX-11-TPH-9DL, EX-11-TPH-10, EX-11-TPH-10DL, EX-11-TPH-11, EX-11-TPH-12, EX-11-TPH-13, EX-11-TPH-13DL, EX-11-TPH-13DL2 and EX-11-TPH-14 were diluted due to high concentrations.

Samples for aromatic EX-8-TPH-1, EX-6-TPH-1, EX-6-TPH-2, EX-6-TPH-2DL, EX-11-TPH-7, EX-11-TPH-7DL, EX-11-TPH-8, EX-11-TPH-9, EX-11-TPH-9DL, EX-11-TPH-10, EX-11-TPH-10DL, EX-11-TPH-11, EX-11-TPH-12, and EX-11-TPH-13, were diluted due to high concentrations.

E. Additional Comments:

The soil samples results are based on a dry weight basis.



284 Sheffield Street, Mountainside, NJ 07092
Phone: 908 789 8900 Fax: 908 789 8922

F. Manual Integration Comments:

Please refer to the Manual integration Report included with the Run Logs for information on the manual integrations performed.

I certify that the data package is in compliance with the terms and conditions of the contract, both technically and for completeness, for other than the conditions detailed above. The laboratory manager or his designee, as verified by the following signature has authorized release of the data contained in this hard copy data package.

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 1:51 pm, Feb 17, 2025

Signature_____

DATA REPORTING QUALIFIERS- ORGANIC

For reporting results, the following “Results Qualifiers” are used:

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: (1) When estimating a concentration for a tentatively identified compound (library search hits, where a 1:1 response is assumed.) (2) When the mass spectral data indicated the identification, however the result was less than the specified detection limit greater than zero. If the detection limit was 10ug/L and a concentration of 3 ug/L was calculated report as 3 J. This flag is used when similar situation arise on any organic parameter i.e. Pest, PCB and others.
B	Indicates the analyte was found in the blank as well as the sample report as “12 B”.
E	Indicates the analyte ‘s concentration exceeds the calibrated range of the instrument for that specific analysis.
D	This flag identifies all compounds identified in an analysis at a secondary dilution factor.
P	This flag is used for Pesticide/PCB target analyte when there is >25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on Form 1 and flagged with a “P”.
N	This flag indicates presumptive evidence of a compound. This is only used for tentatively identified compounds (TICs), where the identification is based on a mass spectral library search. It applies to all TIC results. For generic characterization of a TIC, such as chlorinated hydrocarbon, the flag is not used.
A	This flag indicates that a Tentatively Identified Compound is a suspected aldol-condensation product.
Q	Indicates the LCS did not meet the control limits requirements

APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: Q1308

Completed

For thorough review, the report must have the following:

GENERAL:

Are all original paperwork present (chain of custody, record of communication,airbill, sample management lab chronicle, login page)

✓

Check chain-of-custody for proper relinquish/return of samples

✓

Is the chain of custody signed and complete

✓

Check internal chain-of-custody for proper relinquish/return of samples /sample extracts

✓

Collect information for each project id from server. Were all requirements followed

✓

COVER PAGE:

Do numbers of samples correspond to the number of samples in the Chain of Custody on login page

✓

Do lab numbers and client Ids on cover page agree with the Chain of Custody

✓

CHAIN OF CUSTODY:

Do requested analyses on Chain of Custody agree with form I results

✓

Do requested analyses on Chain of Custody agree with the log-in page

✓

Were the correct method log-in for analysis according to the Analytical Request and Chain of Custody

✓

Were the samples received within hold time

✓

Were any problems found with the samples at arrival recorded in the Sample Management Laboratory Chronicle

✓

ANALYTICAL:

Was method requirement followed?

✓

Was client requirement followed?

✓

Does the case narrative summarize all QC failure?

✓

All runlogs and manual integration are reviewed for requirements

✓

All manual calculations and /or hand notations verified

✓

QA Review Signature: SOHIL JODHANI

Date: 02/15/2025



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-8-TPH-1	SDG No.:	Q1308
Lab Sample ID:	Q1308-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	88.6
Sample Wt/Vol:	7.34	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031472.D	500	02/06/25 21:20	FB020625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	214000		2970	17300	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	36.1	*	50 - 150	180%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-1	SDG No.:	Q1308
Lab Sample ID:	Q1308-02	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83.3
Sample Wt/Vol:	7.96	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031473.D	1250	02/06/25 21:47	FB020625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	756000		7280	42400	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	0.00	*	50 - 150	0%	SPK: 20

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-2	SDG No.:	Q1308
Lab Sample ID:	Q1308-03	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83.9
Sample Wt/Vol:	6.46	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031474.D	500	02/06/25 22:14	FB020625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	182000		3560	20800	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	32.4	*	50 - 150	162%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-5	SDG No.:	Q1308
Lab Sample ID:	Q1308-04	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.3
Sample Wt/Vol:	8.6	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	5
GPC Factor :		PH :	
Prep Method :		Decanted:	
		Test:	Gasoline Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031456.D	50	02/06/25 13:19	FB020625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	17400		263	1530	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	26.5		50 - 150	133%	SPK: 20

Comments:

U = Not Detected
 LOQ = Limit of Quantitation
 MDL = Method Detection Limit
 LOD = Limit of Detection
 E = Value Exceeds Calibration Range
 P = Indicates >25% difference for detected concentrations between the two GC columns
 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-6	SDG No.:	Q1308
Lab Sample ID:	Q1308-05	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83.2
Sample Wt/Vol:	7.44	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031457.D	50	02/06/25 13:46	FB020625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	12600		312	1820	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	26.0		50 - 150	130%	SPK: 20

Comments:

U = Not Detected

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MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-7	SDG No.:	Q1308
Lab Sample ID:	Q1308-06	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	84.8
Sample Wt/Vol:	7.48 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	5 mL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031458.D	50	02/06/25 14:12	FB020625

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	8480		304	1770	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	24.5		50 - 150	122%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-8	SDG No.:	Q1308
Lab Sample ID:	Q1308-07	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	93.4
Sample Wt/Vol:	6.96 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	5 mL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031485.D	500	02/07/25 11:54	FB020725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	92600		2970	17400	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	27.7		50 - 150	139%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-9	SDG No.:	Q1308
Lab Sample ID:	Q1308-08	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	90.3
Sample Wt/Vol:	6.43	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031486.D	500	02/07/25 12:20	FB020725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	201000		3320	19400	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	31.0	*	50 - 150	155%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-10	SDG No.:	Q1308
Lab Sample ID:	Q1308-09	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	77.3
Sample Wt/Vol:	6.44	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031487.D	500	02/07/25 12:47	FB020725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	364000		3880	22600	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	72.3	*	50 - 150	362%	SPK: 20

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-11	SDG No.:	Q1308
Lab Sample ID:	Q1308-10	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	88.1
Sample Wt/Vol:	6.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031488.D	250	02/07/25 13:14	FB020725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	115000		1810	10500	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	52.2	*	50 - 150	261%	SPK: 20

Comments:

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 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
 () = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-12	SDG No.:	Q1308
Lab Sample ID:	Q1308-11	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	88.8
Sample Wt/Vol:	6.67 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	5 mL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031491.D	250	02/07/25 15:00	FB020725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	95300		1630	9500	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	44.7	*	50 - 150	224%	SPK: 20

Comments:

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MDL = Method Detection Limit

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-13	SDG No.:	Q1308
Lab Sample ID:	Q1308-12	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86.3
Sample Wt/Vol:	5.88	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :		Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031492.D	250	02/07/25 15:27	FB020725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	116000		1900	11100	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	27.8		50 - 150	139%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-14	SDG No.:	Q1308
Lab Sample ID:	Q1308-13	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	82.1
Sample Wt/Vol:	7.52 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	5 mL
Extraction Type:		Test:	Gasoline Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031493.D	500	02/07/25 15:53	FB020725

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	101000		3130	18200	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	23.0		50 - 150	115%	SPK: 20

Comments:

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 Q = indicates LCS control criteria did not meet requirements
 M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
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 () = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q1308	OrderDate:	2/5/2025 2:42:00 PM
Client:	ENTACT	Project:	North Point - 4101 Arthur Kill Rd - E9306
Contact:	Wyatt Seel	Location:	N41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1308-01	EX-8-TPH-1	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25	
			Gasoline Range Organics	8015D			02/06/25	
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-01DL	EX-8-TPH-1DL	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-02	EX-6-TPH-1	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25	
			Gasoline Range Organics	8015D			02/06/25	
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-02DL	EX-6-TPH-1DL	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-03	EX-6-TPH-2	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25	
			Gasoline Range Organics	8015D			02/06/25	
			EPH	NJEPH		02/06/25	02/07/25	
			EPH	NJEPH		02/06/25	02/08/25	
Q1308-03DL	EX-6-TPH-2DL	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-03DL 2	EX-6-TPH-2DL2	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-04	EX-11-TPH-5	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/06/25	
			Gasoline Range Organics	8015D			02/06/25	
			EPH	NJEPH		02/06/25	02/07/25	

LAB CHRONICLE

Q1308-05	EX-11-TPH-6	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D		02/06/25	02/06/25
			Gasoline Range Organics	8015D			02/06/25
			EPH	NJEPH		02/06/25	02/07/25
Q1308-06	EX-11-TPH-7	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25
			Gasoline Range Organics	8015D			02/06/25
			EPH	NJEPH		02/06/25	02/07/25
			EPH	NJEPH		02/06/25	02/08/25
Q1308-06DL	EX-11-TPH-7DL	Solid			02/05/25		02/05/25
			EPH	NJEPH		02/06/25	02/07/25
			EPH	NJEPH		02/06/25	02/08/25
Q1308-06DL 2	EX-11-TPH-7DL2	Solid			02/05/25		02/05/25
			EPH	NJEPH		02/06/25	02/07/25
			EPH	NJEPH		02/06/25	02/08/25
Q1308-07	EX-11-TPH-8	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25
			Gasoline Range Organics	8015D			02/07/25
			EPH	NJEPH		02/06/25	02/07/25
			EPH	NJEPH		02/06/25	02/08/25
Q1308-07DL	EX-11-TPH-8DL	Solid			02/05/25		02/05/25
			EPH	NJEPH		02/06/25	02/07/25
			EPH	NJEPH		02/06/25	02/08/25
Q1308-08	EX-11-TPH-9	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25
			Gasoline Range Organics	8015D			02/07/25
			EPH	NJEPH		02/06/25	02/07/25
			EPH	NJEPH		02/06/25	02/08/25
Q1308-08DL	EX-11-TPH-9DL	Solid			02/05/25		02/05/25
			EPH	NJEPH		02/06/25	02/07/25
			EPH	NJEPH		02/06/25	02/08/25

LAB CHRONICLE

Q1308-08DL 2	EX-11-TPH-9DL2	Solid			02/05/25	02/05/25
			EPH	NJEPH	02/06/25	02/07/25
			EPH	NJEPH	02/06/25	02/08/25
Q1308-09	EX-11-TPH-10	SOIL			02/05/25	02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25
			Gasoline Range Organics	8015D		02/07/25
			EPH	NJEPH	02/06/25	02/07/25
			EPH	NJEPH	02/06/25	02/08/25
			EPH	NJEPH	02/06/25	02/10/25
Q1308-09DL	EX-11-TPH-10DL	Solid			02/05/25	02/05/25
			EPH	NJEPH	02/06/25	02/08/25
			EPH	NJEPH	02/06/25	02/10/25
Q1308-09DL 2	EX-11-TPH-10DL2	Solid			02/05/25	02/05/25
			EPH	NJEPH	02/06/25	02/08/25
			EPH	NJEPH	02/06/25	02/10/25
Q1308-10	EX-11-TPH-11	SOIL			02/05/25	02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25
			Gasoline Range Organics	8015D		02/07/25
			EPH	NJEPH	02/06/25	02/07/25
			EPH	NJEPH	02/06/25	02/10/25
Q1308-10DL	EX-11-TPH-11DL	Solid			02/05/25	02/05/25
			EPH	NJEPH	02/06/25	02/10/25
Q1308-11	EX-11-TPH-12	SOIL			02/05/25	02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25
			Gasoline Range Organics	8015D		02/07/25
			EPH	NJEPH	02/06/25	02/07/25
			EPH	NJEPH	02/06/25	02/10/25
Q1308-11DL	EX-11-TPH-12DL	Solid			02/05/25	02/05/25
			EPH	NJEPH	02/06/25	02/10/25
Q1308-12	EX-11-TPH-13	SOIL			02/05/25	02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25

LAB CHRONICLE

			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-12DL	EX-11-TPH-13DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-12DL 2	EX-11-TPH-13DL2	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-12DL 3	EX-11-TPH-13DL3	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-13	EX-11-TPH-14	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25	
			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-13DL	EX-11-TPH-14DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-8-TPH-1	SDG No.:	Q1308
Lab Sample ID:	Q1308-01	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	88.6
Sample Wt/Vol:	30.05 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015338.D	100	02/06/25 08:00	02/07/25 0:59	PB166587

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	859000		20800	188000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	SPK: 20

Comments:

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Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-1	SDG No.:	Q1308
Lab Sample ID:	Q1308-02	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	83.3
Sample Wt/Vol:	30.06 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015339.D	50	02/06/25 08:00	02/07/25 1:28	PB166587

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	603000		11100	99800	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	SPK: 20

Comments:

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LOD = Limit of Detection

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-2	SDG No.:	Q1308
Lab Sample ID:	Q1308-03	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	83.9
Sample Wt/Vol:	30.02 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015340.D	50	02/06/25 08:00	02/07/25 1:56	PB166587

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	802000		11100	99300	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	SPK: 20

Comments:

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J = Estimated Value
 B = Analyte Found in Associated Method Blank
 N = Presumptive Evidence of a Compound
 * = Values outside of QC limits
 D = Dilution
 S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.
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Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-5	SDG No.:	Q1308
Lab Sample ID:	Q1308-04	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	85.3
Sample Wt/Vol:	30.1 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015320.D	1	02/06/25 09:15	02/06/25 15:00	PB166587

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1870	J	216	1950	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	12.1		37 - 130	61%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

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Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-6	SDG No.:	Q1308
Lab Sample ID:	Q1308-05	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	83.2
Sample Wt/Vol:	30.04 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015321.D	1	02/06/25 09:15	02/06/25 15:29	PB166587

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1550	J	222	2000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	7.77		37 - 130	39%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-7	SDG No.:	Q1308
Lab Sample ID:	Q1308-06	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	84.8
Sample Wt/Vol:	30.07 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015348.D	200	02/06/25 09:15	02/07/25 8:45	PB166587

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	2650000		43500	392000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-8	SDG No.:	Q1308
Lab Sample ID:	Q1308-07	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	93.4
Sample Wt/Vol:	30.03 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015349.D	50	02/06/25 09:15	02/07/25 9:14	PB166587

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	770000		9890	89100	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-9	SDG No.:	Q1308
Lab Sample ID:	Q1308-08	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	90.3
Sample Wt/Vol:	30.05 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015350.D	200	02/06/25 09:15	02/07/25 9:43	PB166587

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	2540000		40900	369000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	SPK: 20

Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-10	SDG No.:	Q1308
Lab Sample ID:	Q1308-09	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	77.3
Sample Wt/Vol:	30.02 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015351.D	50	02/06/25 09:15	02/07/25 10:11	PB166587

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	937000		11900	108000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-11	SDG No.:	Q1308
Lab Sample ID:	Q1308-10	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	88.1
Sample Wt/Vol:	30.08 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015352.D	50	02/06/25 09:15	02/07/25 10:40	PB166587

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	832000		10500	94300	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-12	SDG No.:	Q1308
Lab Sample ID:	Q1308-11	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	88.8
Sample Wt/Vol:	30.02 Units: g	Decanted:	
Soil Aliquot Vol:	uL	Final Vol:	1 mL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :	PH :	Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015353.D	50	02/06/25 09:15	02/07/25 11:08	PB166587

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	660000		10400	93800	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-13		SDG No.:	Q1308	
Lab Sample ID:	Q1308-12		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	86.3	Decanted:
Sample Wt/Vol:	30.04	Units: g	Final Vol:	1	mL
Soil Aliquot Vol:		uL	Test:	Diesel Range Organics	
Extraction Type:			Injection Volume :		
GPC Factor :		PH :			
Prep Method :	SW3541				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015354.D	100	02/06/25 09:15	02/07/25 11:37	PB166587

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1780000		21400	193000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-14	SDG No.:	Q1308
Lab Sample ID:	Q1308-13	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	82.1
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :		Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG015355.D	20	02/06/25 09:15	02/07/25 12:05	PB166587

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	284000		4490	40500	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.59		37 - 130	59%	SPK: 20

Comments:

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MDL = Method Detection Limit

LOD = Limit of Detection

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	Q1308	OrderDate:	2/5/2025 2:42:00 PM
Client:	ENTACT	Project:	North Point - 4101 Arthur Kill Rd - E9306
Contact:	Wyatt Seel	Location:	N41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1308-01	EX-8-TPH-1	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25	
			Gasoline Range Organics	8015D			02/06/25	
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-01DL	EX-8-TPH-1DL	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-02	EX-6-TPH-1	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25	
			Gasoline Range Organics	8015D			02/06/25	
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-02DL	EX-6-TPH-1DL	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-03	EX-6-TPH-2	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25	
			Gasoline Range Organics	8015D			02/06/25	
			EPH	NJEPH		02/06/25	02/07/25	
			EPH	NJEPH		02/06/25	02/08/25	
Q1308-03DL	EX-6-TPH-2DL	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-03DL 2	EX-6-TPH-2DL2	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-04	EX-11-TPH-5	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/06/25	
			Gasoline Range Organics	8015D			02/06/25	
			EPH	NJEPH		02/06/25	02/07/25	

LAB CHRONICLE

Q1308-05	EX-11-TPH-6	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/06/25	
			Gasoline Range Organics	8015D		02/06/25	
			EPH	NJEPH	02/06/25	02/07/25	
Q1308-06	EX-11-TPH-7	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25	
			Gasoline Range Organics	8015D		02/06/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/08/25	
Q1308-06DL	EX-11-TPH-7DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/08/25	
Q1308-06DL 2	EX-11-TPH-7DL2	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/08/25	
Q1308-07	EX-11-TPH-8	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25	
			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/08/25	
Q1308-07DL	EX-11-TPH-8DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/08/25	
Q1308-08	EX-11-TPH-9	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25	
			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/08/25	
Q1308-08DL	EX-11-TPH-9DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/08/25	

LAB CHRONICLE

Q1308-08DL 2	EX-11-TPH-9DL2	Solid			02/05/25	02/05/25
			EPH	NJEPH	02/06/25	02/07/25
			EPH	NJEPH	02/06/25	02/08/25
Q1308-09	EX-11-TPH-10	SOIL			02/05/25	02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25
			Gasoline Range Organics	8015D		02/07/25
			EPH	NJEPH	02/06/25	02/07/25
			EPH	NJEPH	02/06/25	02/08/25
			EPH	NJEPH	02/06/25	02/10/25
Q1308-09DL	EX-11-TPH-10DL	Solid			02/05/25	02/05/25
			EPH	NJEPH	02/06/25	02/08/25
			EPH	NJEPH	02/06/25	02/10/25
Q1308-09DL 2	EX-11-TPH-10DL2	Solid			02/05/25	02/05/25
			EPH	NJEPH	02/06/25	02/08/25
			EPH	NJEPH	02/06/25	02/10/25
Q1308-10	EX-11-TPH-11	SOIL			02/05/25	02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25
			Gasoline Range Organics	8015D		02/07/25
			EPH	NJEPH	02/06/25	02/07/25
			EPH	NJEPH	02/06/25	02/10/25
Q1308-10DL	EX-11-TPH-11DL	Solid			02/05/25	02/05/25
			EPH	NJEPH	02/06/25	02/10/25
Q1308-11	EX-11-TPH-12	SOIL			02/05/25	02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25
			Gasoline Range Organics	8015D		02/07/25
			EPH	NJEPH	02/06/25	02/07/25
			EPH	NJEPH	02/06/25	02/10/25
Q1308-11DL	EX-11-TPH-12DL	Solid			02/05/25	02/05/25
			EPH	NJEPH	02/06/25	02/10/25
Q1308-12	EX-11-TPH-13	SOIL			02/05/25	02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25

LAB CHRONICLE

			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-12DL	EX-11-TPH-13DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-12DL 2	EX-11-TPH-13DL2	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-12DL 3	EX-11-TPH-13DL3	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-13	EX-11-TPH-14	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25	
			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-13DL	EX-11-TPH-14DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	



SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-8-TPH-1		SDG No.:	Q1308	
Lab Sample ID:	Q1308-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.6	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/07/25 18:56	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	64.9		20	8.56	22.5	mg/kg FE052296.D
Aliphatic C12-C16	Aliphatic C12-C16	217		20	5.41	15.0	mg/kg FE052296.D
Aliphatic C16-C21	Aliphatic C16-C21	120		20	6.76	22.5	mg/kg FE052296.D
Aliphatic C21-C28	Aliphatic C21-C28	15.5		1	0.90	1.50	mg/kg FE052284.D
Aliphatic C28-C40	Aliphatic C28-C40	7.33		1	2.03	2.25	mg/kg FE052284.D
Aromatic C10-C12	Aromatic C10-C12	12.0		1	0.34	0.75	mg/kg FF015486.D
Aromatic C12-C16	Aromatic C12-C16	64.3		5	1.91	5.63	mg/kg FF015497.D
Aromatic C16-C21	Aromatic C16-C21	128		5	5.41	9.39	mg/kg FF015497.D
Aromatic C21-C36	Aromatic C21-C36	20.3		1	2.25	3.00	mg/kg FF015486.D
Total AliphaticEPH	Total AliphaticEPH	425			23.7	63.8	mg/kg
Total AromaticEPH	Total AromaticEPH	225			9.91	18.8	mg/kg
Total EPH	Total EPH	649			33.6	82.5	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-8-TPH-1		SDG No.:	Q1308	
Lab Sample ID:	Q1308-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.6	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052284.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	59.3	E	0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	193	E	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	113	E	0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.5		0.90	1.50	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.33		2.03	2.25	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.9		40 - 140	58%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-01	Acq On:	07 Feb 2025 11:26
Client Sample ID:	EX-8-TPH-1	Operator:	YP\AJ
Data file:	FE052284.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	75980170	789.943	300	ug/ml
Aliphatic C12-C16	7.236	10.639	270168917	2580	200	ug/ml
Aliphatic C16-C21	10.640	13.984	170474765	1510	300	ug/ml
Aliphatic C21-C28	13.985	17.628	23484115	206.003	400	ug/ml
Aliphatic C28-C40	17.629	22.712	8940874	97.657	600	ug/ml
Aliphatic EPH	3.679	22.712	549048841	5180		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.729	13.729	2846991	28.85		ug/ml
Aliphatic C9-C28	3.679	17.628	540107967	5080	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-8-TPH-1		SDG No.:	Q1308	
Lab Sample ID:	Q1308-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.6	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015486.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	12.0		0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	71.3	E	0.38	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	126	E	1.08	1.88	mg/kg
Aromatic C21-C36	Aromatic C21-C36	20.3		2.25	3.00	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.2		40 - 140	112%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.5		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.6		40 - 140	65%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-01	Acq On:	07 Feb 2025 11:37
Client Sample ID:	EX-8-TPH-1	Operator:	YP\AJ
Data file:	FF015486.D	Misc:	
Instrument:	FID_F	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	22142336	160.31	200	ug/ml
Aromatic C12-C16	6.375	9.068	127369900	949.354	300	ug/ml
Aromatic C16-C21	9.069	13.385	207923978	1690	500	ug/ml
Aromatic C21-C36	13.386	18.838	31912975	270.962	800	ug/ml
Aromatic EPH	4.505	18.838	389349189	3070		ug/ml
ortho-Terphenyl (SURR)	11.936	11.936	4295193	32.57		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6678602	56.19		ug/ml
2-Fluorobiphenyl (SURR)	8.873	8.873	3300096	43.46		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-8-TPH-1DL		SDG No.:	Q1308	
Lab Sample ID:	Q1308-01DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.6	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052296.D	20	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	64.9		8.56	22.5	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	217		5.41	15.0	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	120		6.76	22.5	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	11.0	J	18.0	30.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	40.6	U	40.6	45.1	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.48		40 - 140	59%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-01DL	Acq On:	07 Feb 2025 18:56
Client Sample ID:	EX-8-TPH-1DL	Operator:	YP\AJ
Data file:	FE052296.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	4154943	43.198	300	ug/ml
Aliphatic C12-C16	7.236	10.639	15131855	144.506	200	ug/ml
Aliphatic C16-C21	10.640	13.984	9082387	80.359	300	ug/ml
Aliphatic C21-C28	13.985	17.628	838188	7.353	400	ug/ml
Aliphatic C28-C40	17.629	22.712	329104	3.595	600	ug/ml
Aliphatic EPH	3.679	22.712	29536477	279.01		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.715	13.715	146200	1.48		ug/ml
Aliphatic C9-C28	3.679	17.628	29207373	275.416	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-8-TPH-1DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.6
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015497.D	5	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	11.7		1.69	3.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	64.3		1.91	5.63	mg/kg
Aromatic C16-C21	Aromatic C16-C21	128		5.41	9.39	mg/kg
Aromatic C21-C36	Aromatic C21-C36	16.9		11.3	15.0	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	9.92		40 - 140	99%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	6.48		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.76		40 - 140	58%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-01DL	Acq On:	07 Feb 2025 18:15
Client Sample ID:	EX-8-TPH-1DL	Operator:	YP\AJ
Data file:	FF015497.D	Misc:	
Instrument:	FID_F	ALS Vial:	81
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	4314397	31.236	200	ug/ml
Aromatic C12-C16	6.375	9.068	22959151	171.126	300	ug/ml
Aromatic C16-C21	9.069	13.385	42193272	342.476	500	ug/ml
Aromatic C21-C36	13.386	18.838	5290579	44.921	800	ug/ml
Aromatic EPH	4.505	18.838	74757399	589.759		ug/ml
2-Bromonaphthalene (SURR)	7.995	7.995	1179040	9.92		ug/ml
2-Fluorobiphenyl (SURR)	8.871	8.871	492193	6.48		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	760136	5.76		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-6-TPH-1		SDG No.:	Q1308	
Lab Sample ID:	Q1308-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.3	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/07/25 19:27	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	24.4		5	2.28	5.99	mg/kg	FE052297.D
Aliphatic C12-C16	Aliphatic C12-C16	64.3		5	1.44	4.00	mg/kg	FE052297.D
Aliphatic C16-C21	Aliphatic C16-C21	51.8		5	1.80	5.99	mg/kg	FE052297.D
Aliphatic C21-C28	Aliphatic C21-C28	7.21		1	0.96	1.60	mg/kg	FE052285.D
Aliphatic C28-C40	Aliphatic C28-C40	6.88		1	2.16	2.40	mg/kg	FE052285.D
Aromatic C10-C12	Aromatic C10-C12	20.1		5	1.80	4.00	mg/kg	FF015498.D
Aromatic C12-C16	Aromatic C12-C16	39.7		5	2.04	5.99	mg/kg	FF015498.D
Aromatic C16-C21	Aromatic C16-C21	72.9		5	5.75	9.99	mg/kg	FF015498.D
Aromatic C21-C36	Aromatic C21-C36	11.2		1	2.40	3.20	mg/kg	FF015487.D
Total AliphaticEPH	Total AliphaticEPH	155			8.64	20.0	mg/kg	
Total AromaticEPH	Total AromaticEPH	144			12.0	23.2	mg/kg	
Total EPH	Total EPH	298			20.6	43.2	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-6-TPH-1		SDG No.:	Q1308	
Lab Sample ID:	Q1308-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.3	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052285.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	29.7	E	0.46	1.20	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	75.0	E	0.29	0.80	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	57.0	E	0.36	1.20	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	7.21		0.96	1.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.88		2.16	2.40	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.3		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-02	Acq On:	07 Feb 2025 11:56
Client Sample ID:	EX-6-TPH-1	Operator:	YP\AJ
Data file:	FE052285.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	35775541	371.948	300	ug/ml
Aliphatic C12-C16	7.236	10.639	98223169	938.012	200	ug/ml
Aliphatic C16-C21	10.640	13.984	80541475	712.616	300	ug/ml
Aliphatic C21-C28	13.985	17.628	10280323	90.179	400	ug/ml
Aliphatic C28-C40	17.629	22.712	7875331	86.019	600	ug/ml
Aliphatic EPH	3.679	22.712	232695839	2200		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.723	13.723	3188915	32.31		ug/ml
Aliphatic C9-C28	3.679	17.628	224820508	2110	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-1	SDG No.:	Q1308
Lab Sample ID:	Q1308-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015487.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	21.0	E	0.36	0.80	mg/kg
Aromatic C12-C16	Aromatic C12-C16	42.3	E	0.41	1.20	mg/kg
Aromatic C16-C21	Aromatic C16-C21	79.0	E	1.15	2.00	mg/kg
Aromatic C21-C36	Aromatic C21-C36	11.2		2.40	3.20	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.2		40 - 140	106%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.7		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.9		40 - 140	72%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-02	Acq On:	07 Feb 2025 12:05
Client Sample ID:	EX-6-TPH-1	Operator:	YP\AJ
Data file:	FF015487.D	Misc:	
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	36313777	262.91	200	ug/ml
Aromatic C12-C16	6.375	9.068	70961627	528.914	300	ug/ml
Aromatic C16-C21	9.069	13.385	121834442	988.912	500	ug/ml
Aromatic C21-C36	13.386	18.838	16517786	140.247	800	ug/ml
Aromatic EPH	4.505	18.838	245627632	1920		ug/ml
ortho-Terphenyl (SURR)	11.935	11.935	4734048	35.9		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6322700	53.2		ug/ml
2-Fluorobiphenyl (SURR)	8.872	8.872	3318916	43.7		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-1DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052297.D	5	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	24.4		2.28	5.99	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	64.3		1.44	4.00	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	51.8		1.80	5.99	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	8.82		4.80	7.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.64	J	10.8	12.0	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.84		40 - 140	58%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-02DL	Acq On:	07 Feb 2025 19:27
Client Sample ID:	EX-6-TPH-1DL	Operator:	YP\AJ
Data file:	FE052297.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	5873937	61.07	300	ug/ml
Aliphatic C12-C16	7.236	10.639	16840134	160.82	200	ug/ml
Aliphatic C16-C21	10.640	13.984	14662266	129.729	300	ug/ml
Aliphatic C21-C28	13.985	17.628	2516165	22.072	400	ug/ml
Aliphatic C28-C40	17.629	22.712	1750898	19.124	600	ug/ml
Aliphatic EPH	3.679	22.712	41643400	392.815		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.715	13.715	576452	5.84		ug/ml
Aliphatic C9-C28	3.679	17.628	39892502	373.691	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-1DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015498.D	5	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	20.1		1.80	4.00	mg/kg
Aromatic C12-C16	Aromatic C12-C16	39.7		2.04	5.99	mg/kg
Aromatic C16-C21	Aromatic C16-C21	72.9		5.75	9.99	mg/kg
Aromatic C21-C36	Aromatic C21-C36	9.64	J	12.0	16.0	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	9.82		40 - 140	98%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	7.09		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	6.96		40 - 140	70%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-02DL	Acq On:	07 Feb 2025 18:43
Client Sample ID:	EX-6-TPH-1DL	Operator:	YP\AJ
Data file:	FF015498.D	Misc:	
Instrument:	FID_F	ALS Vial:	82
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	6946172	50.29	200	ug/ml
Aromatic C12-C16	6.375	9.068	13335586	99.397	300	ug/ml
Aromatic C16-C21	9.069	13.385	22466936	182.361	500	ug/ml
Aromatic C21-C36	13.386	18.838	2841513	24.126	800	ug/ml
Aromatic EPH	4.505	18.838	45590207	356.174		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	1166684	9.82		ug/ml
2-Fluorobiphenyl (SURR)	8.872	8.872	538680	7.09		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	918098	6.96		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-6-TPH-2		SDG No.:	Q1308	
Lab Sample ID:	Q1308-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.9	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/07/25 19:56	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	139		10	4.52	11.9	mg/kg FE052298.D
Aliphatic C12-C16	Aliphatic C12-C16	466		50	14.3	39.6	mg/kg FE052299.D
Aliphatic C16-C21	Aliphatic C16-C21	333		50	17.8	59.5	mg/kg FE052299.D
Aliphatic C21-C28	Aliphatic C21-C28	69.6		10	9.51	15.9	mg/kg FE052298.D
Aliphatic C28-C40	Aliphatic C28-C40	31.1		1	2.14	2.38	mg/kg FE052286.D
Aromatic C10-C12	Aromatic C10-C12	87.4		10	3.57	7.93	mg/kg FF015499.D
Aromatic C12-C16	Aromatic C12-C16	288		20	8.09	23.8	mg/kg FF015500.D
Aromatic C16-C21	Aromatic C16-C21	599		20	22.8	39.6	mg/kg FF015500.D
Aromatic C21-C36	Aromatic C21-C36	68.8		10	23.8	31.7	mg/kg FF015499.D
Total AliphaticEPH	Total AliphaticEPH	1040			48.3	129	mg/kg
Total AromaticEPH	Total AromaticEPH	1040			58.3	103	mg/kg
Total EPH	Total EPH	2080			107	232	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-6-TPH-2		SDG No.:	Q1308	
Lab Sample ID:	Q1308-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.9	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052286.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	128	E	0.45	1.19	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	460	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	352	E	0.36	1.19	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	65.0	E	0.95	1.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	31.1		2.14	2.38	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.0		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-03	Acq On:	07 Feb 2025 12:26
Client Sample ID:	EX-6-TPH-2	Operator:	YP\AJ
Data file:	FE052286.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	155877576	1620	300	ug/ml
Aliphatic C12-C16	7.236	10.639	608315703	5810	200	ug/ml
Aliphatic C16-C21	10.640	13.984	502032936	4440	300	ug/ml
Aliphatic C21-C28	13.985	17.628	93516502	820.329	400	ug/ml
Aliphatic C28-C40	17.629	22.712	35961706	392.794	600	ug/ml
Aliphatic EPH	3.679	22.712	1395704423	13100		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.727	13.727	3849574	39.01		ug/ml
Aliphatic C9-C28	3.679	17.628	1359742717	12700	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-6-TPH-2		SDG No.:	Q1308	
Lab Sample ID:	Q1308-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.9	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015488.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	81.4	E	0.36	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	253	E	0.40	1.19	mg/kg
Aromatic C16-C21	Aromatic C16-C21	517	E	1.14	1.98	mg/kg
Aromatic C21-C36	Aromatic C21-C36	77.3	E	2.38	3.17	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	76.3		40 - 140	153%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	58.5		40 - 140	117%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	50.3		40 - 140	101%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-03	Acq On:	07 Feb 2025 12:34
Client Sample ID:	EX-6-TPH-2	Operator:	YP\AJ
Data file:	FF015488.D	Misc:	
Instrument:	FID_F	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	141754607	1030	200	ug/ml
Aromatic C12-C16	6.375	9.068	428202843	3190	300	ug/ml
Aromatic C16-C21	9.069	13.385	804494602	6530	500	ug/ml
Aromatic C21-C36	13.386	18.838	114846027	975.119	800	ug/ml
Aromatic EPH	4.505	18.838	1489298079	11700		ug/ml
2-Bromonaphthalene (SURR)	8.002	8.002	9071312	76.32		ug/ml
ortho-Terphenyl (SURR)	11.946	11.946	6634461	50.31		ug/ml
2-Fluorobiphenyl (SURR)	8.882	8.882	4443042	58.51		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-2DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052298.D	10	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	139		4.52	11.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	402	E	2.85	7.93	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	374	E	3.57	11.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	69.6		9.51	15.9	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.5		21.4	23.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.40		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-03DL	Acq On:	07 Feb 2025 19:56
Client Sample ID:	EX-6-TPH-2DL	Operator:	YP\AJ
Data file:	FE052298.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	16963130	176.361	300	ug/ml
Aliphatic C12-C16	7.236	10.639	53152091	507.592	200	ug/ml
Aliphatic C16-C21	10.640	13.984	53364782	472.161	300	ug/ml
Aliphatic C21-C28	13.985	17.628	10006323	87.776	400	ug/ml
Aliphatic C28-C40	17.629	22.712	3063408	33.46	600	ug/ml
Aliphatic EPH	3.679	22.712	136549734	1280		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.716	13.716	433830	4.4		ug/ml
Aliphatic C9-C28	3.679	17.628	133486326	1240	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-2DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015499.D	10	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	87.4		3.57	7.93	mg/kg
Aromatic C12-C16	Aromatic C12-C16	287	E	4.04	11.9	mg/kg
Aromatic C16-C21	Aromatic C16-C21	544	E	11.4	19.8	mg/kg
Aromatic C21-C36	Aromatic C21-C36	68.8		23.8	31.7	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	8.12		40 - 140	162%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	5.02		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.25		40 - 140	105%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-03DL	Acq On:	07 Feb 2025 19:12
Client Sample ID:	EX-6-TPH-2DL	Operator:	YP\AJ
Data file:	FF015499.D	Misc:	
Instrument:	FID_F	ALS Vial:	83
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	15219255	110.187	200	ug/ml
Aromatic C12-C16	6.375	9.068	48696696	362.962	300	ug/ml
Aromatic C16-C21	9.069	13.385	84687395	687.395	500	ug/ml
Aromatic C21-C36	13.386	18.838	10225317	86.82	800	ug/ml
Aromatic EPH	4.505	18.838	158828663	1250		ug/ml
2-Bromonaphthalene (SURR)	7.995	7.995	965186	8.12		ug/ml
2-Fluorobiphenyl (SURR)	8.871	8.871	380968	5.02		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	692374	5.25		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-2DL2	SDG No.:	Q1308
Lab Sample ID:	Q1308-03DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052299.D	50	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	145		22.6	59.5	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	466		14.3	39.6	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	333		17.8	59.5	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	80.6		47.6	79.3	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	107	U	107	118	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.85		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-03DL2	Acq On:	07 Feb 2025 20:26
Client Sample ID:	EX-6-TPH-2DL2	Operator:	YP\AJ
Data file:	FE052299.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	3536665	36.77	300	ug/ml
Aliphatic C12-C16	7.236	10.639	12336578	117.812	200	ug/ml
Aliphatic C16-C21	10.640	13.984	9496002	84.019	300	ug/ml
Aliphatic C21-C28	13.985	17.628	2316778	20.323	400	ug/ml
Aliphatic C28-C40	17.629	22.712	733053	8.007	600	ug/ml
Aliphatic EPH	3.679	22.712	28419076	266.93		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.715	13.715	83751	0.85		ug/ml
Aliphatic C9-C28	3.679	17.628	27686023	258.924	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-2DL2	SDG No.:	Q1308
Lab Sample ID:	Q1308-03DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015500.D	20	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	90.4		7.13	15.9	mg/kg
Aromatic C12-C16	Aromatic C12-C16	288		8.09	23.8	mg/kg
Aromatic C16-C21	Aromatic C16-C21	599		22.8	39.6	mg/kg
Aromatic C21-C36	Aromatic C21-C36	79.5		47.6	63.4	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	3.98		40 - 140	159%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	2.51		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.77		40 - 140	111%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-03DL2	Acq On:	08 Feb 2025 00:00
Client Sample ID:	EX-6-TPH-2DL2	Operator:	YP\AJ
Data file:	FF015500.D	Misc:	
Instrument:	FID_F	ALS Vial:	84
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	7873177	57.001	200	ug/ml
Aromatic C12-C16	6.375	9.068	24378903	181.709	300	ug/ml
Aromatic C16-C21	9.069	13.385	46612226	378.344	500	ug/ml
Aromatic C21-C36	13.386	18.838	5903217	50.122	800	ug/ml
Aromatic EPH	4.505	18.838	84767523	667.177		ug/ml
ortho-Terphenyl (SURR)	11.924	11.924	365134	2.77		ug/ml
2-Bromonaphthalene (SURR)	7.982	7.982	472865	3.98		ug/ml
2-Fluorobiphenyl (SURR)	8.860	8.860	190283	2.51		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-5		SDG No.:	Q1308	
Lab Sample ID:	Q1308-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.3	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/07/25 13:44	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.45	U	1	0.45	1.17	mg/kg	FC068232.D
Aliphatic C12-C16	Aliphatic C12-C16	2.65		1	0.28	0.78	mg/kg	FC068232.D
Aliphatic C16-C21	Aliphatic C16-C21	5.32		1	0.35	1.17	mg/kg	FC068232.D
Aliphatic C21-C28	Aliphatic C21-C28	0.94	U	1	0.94	1.56	mg/kg	FC068232.D
Aliphatic C28-C40	Aliphatic C28-C40	4.05		1	2.11	2.34	mg/kg	FC068232.D
Aromatic C10-C12	Aromatic C10-C12	0.35	U	1	0.35	0.78	mg/kg	FD049055.D
Aromatic C12-C16	Aromatic C12-C16	1.54		1	0.40	1.17	mg/kg	FD049055.D
Aromatic C16-C21	Aromatic C16-C21	1.52	J	1	1.12	1.95	mg/kg	FD049055.D
Aromatic C21-C36	Aromatic C21-C36	2.34	U	1	2.34	3.12	mg/kg	FD049055.D
Total AliphaticEPH	Total AliphaticEPH	12.0			4.12	7.02	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.21	U		4.21	7.02	mg/kg	
Total EPH	Total EPH	15.1			8.33	14.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-5	SDG No.:	Q1308
Lab Sample ID:	Q1308-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068232.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.45	U	0.45	1.17	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.65		0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	5.32		0.35	1.17	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.94	U	0.94	1.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.05		2.11	2.34	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	63.8		40 - 140	128%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-04	Acq On:	07 Feb 2025 13:44
Client Sample ID:	EX-11-TPH-5	Operator:	YP/AJ
Data file:	FC068232.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.111	6.377	411258	2.97	300	ug/ml
Aliphatic C12-C16	6.378	9.762	4675997	33.955	200	ug/ml
Aliphatic C16-C21	9.763	13.116	9198105	68.124	300	ug/ml
Aliphatic C21-C28	13.117	16.769	573890	4.511	400	ug/ml
Aliphatic C28-C40	16.770	21.574	5379540	51.907	600	ug/ml
Aliphatic EPH	3.111	21.574	20238790	161.467		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.850	12.850	7331729	63.75		ug/ml
Aliphatic C9-C28	3.111	16.769	14859250	109.56	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-5		SDG No.:	Q1308	
Lab Sample ID:	Q1308-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.3	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049055.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.35	U	0.35	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	1.54		0.40	1.17	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.52	J	1.12	1.95	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.34	U	2.34	3.12	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	37.7		40 - 140	75%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	27.0		40 - 140	54%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.8		40 - 140	76%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-04	Acq On:	07 Feb 2025 13:08
Client Sample ID:	EX-11-TPH-5	Operator:	YP/AJ
Data file:	FD049055.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	415283	2.675	200	ug/ml
Aromatic C12-C16	5.795	8.398	3194051	19.691	300	ug/ml
Aromatic C16-C21	8.399	12.662	3006287	19.44	500	ug/ml
Aromatic C21-C36	12.663	18.072	2790974	19.585	800	ug/ml
Aromatic EPH	4.076	18.072	9406595	61.391		ug/ml
2-Bromonaphthalene (SURRE)	7.353	7.353	5366473	37.71		ug/ml
2-Fluorobiphenyl (SURRE)	8.204	8.204	2300366	27.04		ug/ml
ortho-Terphenyl (SURRE)	11.238	11.238	6217115	37.8		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-6		SDG No.:	Q1308	
Lab Sample ID:	Q1308-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.2	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/07/25 16:09	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.51	J	1	0.46	1.20	mg/kg	FC068236.D
Aliphatic C12-C16	Aliphatic C12-C16	1.00		1	0.29	0.80	mg/kg	FC068236.D
Aliphatic C16-C21	Aliphatic C16-C21	0.37	J	1	0.36	1.20	mg/kg	FC068236.D
Aliphatic C21-C28	Aliphatic C21-C28	0.96	U	1	0.96	1.60	mg/kg	FC068236.D
Aliphatic C28-C40	Aliphatic C28-C40	3.90		1	2.16	2.40	mg/kg	FC068236.D
Aromatic C10-C12	Aromatic C10-C12	0.36	U	1	0.36	0.80	mg/kg	FD049059.D
Aromatic C12-C16	Aromatic C12-C16	0.41	J	1	0.41	1.20	mg/kg	FD049059.D
Aromatic C16-C21	Aromatic C16-C21	1.17	J	1	1.15	2.00	mg/kg	FD049059.D
Aromatic C21-C36	Aromatic C21-C36	2.40	U	1	2.40	3.20	mg/kg	FD049059.D
Total AliphaticEPH	Total AliphaticEPH	5.77	J		4.22	7.20	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.32	U		4.32	7.20	mg/kg	
Total EPH	Total EPH	8.54	U		8.54	14.4	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-6		SDG No.:	Q1308	
Lab Sample ID:	Q1308-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.2	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068236.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.51	J	0.46	1.20	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.00		0.29	0.80	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.37	J	0.36	1.20	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.96	U	0.96	1.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.90		2.16	2.40	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.4		40 - 140	45%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-05	Acq On:	07 Feb 2025 16:09
Client Sample ID:	EX-11-TPH-6	Operator:	YP/AJ
Data file:	FC068236.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.111	6.377	878995	6.347	300	ug/ml
Aliphatic C12-C16	6.378	9.762	1713417	12.442	200	ug/ml
Aliphatic C16-C21	9.763	13.116	614985	4.555	300	ug/ml
Aliphatic C21-C28	13.117	16.769	376129	2.957	400	ug/ml
Aliphatic C28-C40	16.770	21.574	5055475	48.78	600	ug/ml
Aliphatic EPH	3.111	21.574	8639001	75.08		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.845	12.845	2576618	22.4		ug/ml
Aliphatic C9-C28	3.111	16.769	3583526	26.301	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-6		SDG No.:	Q1308	
Lab Sample ID:	Q1308-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.2	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049059.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.36	U	0.36	0.80	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.41	J	0.41	1.20	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.17	J	1.15	2.00	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.40	U	2.40	3.20	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	45.4		40 - 140	91%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	48.0		40 - 140	96%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	20.6		40 - 140	41%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-05	Acq On:	07 Feb 2025 15:33
Client Sample ID:	EX-11-TPH-6	Operator:	YP/AJ
Data file:	FD049059.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	484599	3.122	200	ug/ml
Aromatic C12-C16	5.795	8.398	837327	5.162	300	ug/ml
Aromatic C16-C21	8.399	12.662	2267631	14.663	500	ug/ml
Aromatic C21-C36	12.663	18.072	2340332	16.423	800	ug/ml
Aromatic EPH	4.076	18.072	5929889	39.37		ug/ml
2-Bromonaphthalene (SURRE)	7.353	7.353	6465637	45.43		ug/ml
2-Fluorobiphenyl (SURRE)	8.203	8.203	4080548	47.96		ug/ml
ortho-Terphenyl (SURRE)	11.235	11.235	3386842	20.59		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-7	SDG No.:	Q1308
Lab Sample ID:	Q1308-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/07/25 20:56	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	674		50	22.4	58.9	mg/kg FE052300.D
Aliphatic C12-C16	Aliphatic C12-C16	1720		200	56.5	156	mg/kg FE052301.D
Aliphatic C16-C21	Aliphatic C16-C21	428		50	17.7	58.9	mg/kg FE052300.D
Aliphatic C21-C28	Aliphatic C21-C28	25.3		1	0.94	1.57	mg/kg FE052287.D
Aliphatic C28-C40	Aliphatic C28-C40	11.8		1	2.12	2.35	mg/kg FE052287.D
Aromatic C10-C12	Aromatic C10-C12	132		10	3.53	7.85	mg/kg FF015501.D
Aromatic C12-C16	Aromatic C12-C16	672		50	20.0	58.9	mg/kg FF015502.D
Aromatic C16-C21	Aromatic C16-C21	795		50	56.5	98.1	mg/kg FF015502.D
Aromatic C21-C36	Aromatic C21-C36	33.4		1	2.35	3.14	mg/kg FF015489.D
Total AliphaticEPH	Total AliphaticEPH	2860			99.7	278	mg/kg
Total AromaticEPH	Total AromaticEPH	1630			82.4	168	mg/kg
Total EPH	Total EPH	4490			182	446	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-7		SDG No.:	Q1308	
Lab Sample ID:	Q1308-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.8	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052287.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	652	E	0.45	1.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1410	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	383	E	0.35	1.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	25.3		0.94	1.57	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.8		2.12	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-06	Acq On:	07 Feb 2025 12:56
Client Sample ID:	EX-11-TPH-7	Operator:	YP\AJ
Data file:	FE052287.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	799994513	8320	300	ug/ml
Aliphatic C12-C16	7.236	10.639	1883589829	18000	200	ug/ml
Aliphatic C16-C21	10.640	13.984	552895923	4890	300	ug/ml
Aliphatic C21-C28	13.985	17.628	36775483	322.595	400	ug/ml
Aliphatic C28-C40	17.629	22.712	13718989	149.847	600	ug/ml
Aliphatic EPH	3.679	22.712	3286974737	31700		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.727	13.727	3117230	31.59		ug/ml
Aliphatic C9-C28	3.679	17.628	3273255748	31500	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-7	SDG No.:	Q1308
Lab Sample ID:	Q1308-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015489.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	118	E	0.35	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	586	E	0.40	1.18	mg/kg
Aromatic C16-C21	Aromatic C16-C21	724	E	1.13	1.96	mg/kg
Aromatic C21-C36	Aromatic C21-C36	33.4		2.35	3.14	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	88.1		40 - 140	176%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	65.7		40 - 140	131%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.9		40 - 140	78%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-06	Acq On:	07 Feb 2025 13:02
Client Sample ID:	EX-11-TPH-7	Operator:	YP\AJ
Data file:	FF015489.D	Misc:	
Instrument:	FID_F	ALS Vial:	75
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	208683175	1510	200	ug/ml
Aromatic C12-C16	6.375	9.068	1003254262	7480	300	ug/ml
Aromatic C16-C21	9.069	13.385	1137682095	9230	500	ug/ml
Aromatic C21-C36	13.386	18.838	50122010	425.569	800	ug/ml
Aromatic EPH	4.505	18.838	2399741542	18600		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	10472023	88.11		ug/ml
2-Fluorobiphenyl (SURR)	8.895	8.895	4987537	65.68		ug/ml
ortho-Terphenyl (SURR)	11.948	11.948	5130658	38.9		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-7DL		SDG No.:	Q1308	
Lab Sample ID:	Q1308-06DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.8	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052300.D	50	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	674		22.4	58.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1640	E	14.1	39.2	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	428		17.7	58.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	24.8	J	47.1	78.5	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	105	U	105	117	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.69		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-06DL	Acq On:	07 Feb 2025 20:56
Client Sample ID:	EX-11-TPH-7DL	Operator:	YP\AJ
Data file:	FE052300.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	16541785	171.98	300	ug/ml
Aliphatic C12-C16	7.236	10.639	43673466	417.073	200	ug/ml
Aliphatic C16-C21	10.640	13.984	12328355	109.079	300	ug/ml
Aliphatic C21-C28	13.985	17.628	721395	6.328	400	ug/ml
Aliphatic C28-C40	17.629	22.712	172816	1.888	600	ug/ml
Aliphatic EPH	3.679	22.712	73437817	706.348		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.715	13.715	68583	0.69		ug/ml
Aliphatic C9-C28	3.679	17.628	73265001	704.46	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-7DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-06DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015501.D	10	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	132		3.53	7.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	625	E	4.00	11.8	mg/kg
Aromatic C16-C21	Aromatic C16-C21	760	E	11.3	19.6	mg/kg
Aromatic C21-C36	Aromatic C21-C36	33.0		23.5	31.4	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	8.74		40 - 140	175%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	6.19		40 - 140	124%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	4.21		40 - 140	84%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-06DL	Acq On:	08 Feb 2025 00:29
Client Sample ID:	EX-11-TPH-7DL	Operator:	YP\AJ
Data file:	FF015501.D	Misc:	
Instrument:	FID_F	ALS Vial:	85
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	23277274	168.526	200	ug/ml
Aromatic C12-C16	6.375	9.068	106841450	796.345	300	ug/ml
Aromatic C16-C21	9.069	13.385	119376786	968.963	500	ug/ml
Aromatic C21-C36	13.386	18.838	4951713	42.043	800	ug/ml
Aromatic EPH	4.505	18.838	254447223	1980		ug/ml
2-Bromonaphthalene (SURRE)	7.994	7.994	1039239	8.74		ug/ml
2-Fluorobiphenyl (SURRE)	8.869	8.869	470219	6.19		ug/ml
ortho-Terphenyl (SURRE)	11.930	11.930	554686	4.21		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-7DL2		SDG No.:	Q1308	
Lab Sample ID:	Q1308-06DL2		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.8	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052301.D	200	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	893		89.5	235	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1720		56.5	156	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	467		70.6	235	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	188	U	188	313	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	423	U	423	470	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-06DL2	Acq On:	07 Feb 2025 21:26
Client Sample ID:	EX-11-TPH-7DL2	Operator:	YP\AJ
Data file:	FE052301.D	Misc:	
Instrument:	FID_E	ALS Vial:	27
Dilution Factor:	200	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	5472923	56.9	300	ug/ml
Aliphatic C12-C16	7.236	10.639	11495803	109.783	200	ug/ml
Aliphatic C16-C21	10.640	13.984	3365820	29.78	300	ug/ml
Aliphatic C21-C28	13.985	17.628	265179	2.326	400	ug/ml
Aliphatic C28-C40	17.629	22.712	55789	0.609	600	ug/ml
Aliphatic EPH	3.679	22.712	20655514	199.399		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.679	17.628	20599725	198.789	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-7DL2	SDG No.:	Q1308
Lab Sample ID:	Q1308-06DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015502.D	50	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	138		17.7	39.2	mg/kg
Aromatic C12-C16	Aromatic C12-C16	672		20.0	58.9	mg/kg
Aromatic C16-C21	Aromatic C16-C21	795		56.5	98.1	mg/kg
Aromatic C21-C36	Aromatic C21-C36	117	U	117	156	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	1.60		40 - 140	160%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	0.78		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.84		40 - 140	84%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-06DL2	Acq On:	08 Feb 2025 00:57
Client Sample ID:	EX-11-TPH-7DL2	Operator:	YP\AJ
Data file:	FF015502.D	Misc:	
Instrument:	FID_F	ALS Vial:	86
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	4860228	35.188	200	ug/ml
Aromatic C12-C16	6.375	9.068	22979946	171.281	300	ug/ml
Aromatic C16-C21	9.069	13.385	24981048	202.767	500	ug/ml
Aromatic C21-C36	13.386	18.838	1153637	9.795	800	ug/ml
Aromatic EPH	4.505	18.838	53974859	419.032		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	110214	0.84		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	189903	1.6		ug/ml
2-Fluorobiphenyl (SURR)	8.874	8.874	58926	0.78		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-8		SDG No.:	Q1308	
Lab Sample ID:	Q1308-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	93.4	
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/07/25 22:27	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	303		50	20.3	53.4	mg/kg FE052303.D
Aliphatic C12-C16	Aliphatic C12-C16	444		50	12.8	35.6	mg/kg FE052303.D
Aliphatic C16-C21	Aliphatic C16-C21	143		50	16.0	53.4	mg/kg FE052303.D
Aliphatic C21-C28	Aliphatic C21-C28	14.8		1	0.85	1.42	mg/kg FE052288.D
Aliphatic C28-C40	Aliphatic C28-C40	14.3		1	1.92	2.13	mg/kg FE052288.D
Aromatic C10-C12	Aromatic C10-C12	39.9		10	3.20	7.12	mg/kg FF015503.D
Aromatic C12-C16	Aromatic C12-C16	169		10	3.63	10.7	mg/kg FF015503.D
Aromatic C16-C21	Aromatic C16-C21	186		10	10.2	17.8	mg/kg FF015503.D
Aromatic C21-C36	Aromatic C21-C36	17.1		1	2.13	2.85	mg/kg FF015490.D
Total AliphaticEPH	Total AliphaticEPH	919			51.9	146	mg/kg
Total AromaticEPH	Total AromaticEPH	412			19.2	38.5	mg/kg
Total EPH	Total EPH	1330			71.0	184	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-8		SDG No.:	Q1308	
Lab Sample ID:	Q1308-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	93.4	
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052288.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	258	E	0.41	1.07	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	455	E	0.26	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	130	E	0.32	1.07	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	14.8		0.85	1.42	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	14.3		1.92	2.13	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.7		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-07	Acq On:	07 Feb 2025 13:27
Client Sample ID:	EX-11-TPH-8	Operator:	YP\AJ
Data file:	FE052288.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	349486064	3630	300	ug/ml
Aliphatic C12-C16	7.236	10.639	669636249	6390	200	ug/ml
Aliphatic C16-C21	10.640	13.984	206659311	1830	300	ug/ml
Aliphatic C21-C28	13.985	17.628	23719200	208.065	400	ug/ml
Aliphatic C28-C40	17.629	22.712	18377160	200.726	600	ug/ml
Aliphatic EPH	3.679	22.712	1267877984	12300		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.723	13.723	3227545	32.7		ug/ml
Aliphatic C9-C28	3.679	17.628	1249500824	12100	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-8		SDG No.:	Q1308	
Lab Sample ID:	Q1308-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	93.4	
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015490.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	39.3	E	0.32	0.71	mg/kg
Aromatic C12-C16	Aromatic C12-C16	165	E	0.36	1.07	mg/kg
Aromatic C16-C21	Aromatic C16-C21	194	E	1.02	1.78	mg/kg
Aromatic C21-C36	Aromatic C21-C36	17.1		2.13	2.85	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	61.8		40 - 140	124%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	52.9		40 - 140	106%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.6		40 - 140	71%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-07	Acq On:	07 Feb 2025 13:31
Client Sample ID:	EX-11-TPH-8	Operator:	YP\AJ
Data file:	FF015490.D	Misc:	
Instrument:	FID_F	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	76366050	552.887	200	ug/ml
Aromatic C12-C16	6.375	9.068	312502265	2330	300	ug/ml
Aromatic C16-C21	9.069	13.385	337246394	2740	500	ug/ml
Aromatic C21-C36	13.386	18.838	28284943	240.158	800	ug/ml
Aromatic EPH	4.505	18.838	754399652	5860		ug/ml
2-Bromonaphthalene (SURR)	8.002	8.002	7348189	61.83		ug/ml
2-Fluorobiphenyl (SURR)	8.879	8.879	4013977	52.86		ug/ml
ortho-Terphenyl (SURR)	11.938	11.938	4694316	35.59		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-8DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-07DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.4
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052303.D	50	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	303		20.3	53.4	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	444		12.8	35.6	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	143		16.0	53.4	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	42.7	U	42.7	71.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	96.1	U	96.1	106	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.67		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-07DL	Acq On:	07 Feb 2025 22:27
Client Sample ID:	EX-11-TPH-8DL	Operator:	YP\AJ
Data file:	FE052303.D	Misc:	
Instrument:	FID_E	ALS Vial:	29
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	8206358	85.319	300	ug/ml
Aliphatic C12-C16	7.236	10.639	13074948	124.863	200	ug/ml
Aliphatic C16-C21	10.640	13.984	4554080	40.294	300	ug/ml
Aliphatic C21-C28	13.985	17.628	451158	3.958	400	ug/ml
Aliphatic C28-C40	17.629	22.712	404497	4.418	600	ug/ml
Aliphatic EPH	3.679	22.712	26691041	258.852		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.715	13.715	66559	0.67		ug/ml
Aliphatic C9-C28	3.679	17.628	26286544	254.434	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-8DL		SDG No.:	Q1308	
Lab Sample ID:	Q1308-07DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	93.4	
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015503.D	10	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	39.9		3.20	7.12	mg/kg
Aromatic C12-C16	Aromatic C12-C16	169		3.63	10.7	mg/kg
Aromatic C16-C21	Aromatic C16-C21	186		10.2	17.8	mg/kg
Aromatic C21-C36	Aromatic C21-C36	15.6	J	21.3	28.5	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	6.92		40 - 140	138%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	5.33		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.86		40 - 140	77%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-07DL	Acq On:	08 Feb 2025 01:26
Client Sample ID:	EX-11-TPH-8DL	Operator:	YP\AJ
Data file:	FF015503.D	Misc:	
Instrument:	FID_F	ALS Vial:	87
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	7746930	56.087	200	ug/ml
Aromatic C12-C16	6.375	9.068	32024208	238.693	300	ug/ml
Aromatic C16-C21	9.069	13.385	32266021	261.898	500	ug/ml
Aromatic C21-C36	13.386	18.838	2575796	21.87	800	ug/ml
Aromatic EPH	4.505	18.838	74612955	578.549		ug/ml
ortho-Terphenyl (SURR)	11.932	11.932	508425	3.86		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	822111	6.92		ug/ml
2-Fluorobiphenyl (SURR)	8.872	8.872	404512	5.33		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-9	SDG No.:	Q1308
Lab Sample ID:	Q1308-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/07/25 23:27	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	702		100	42.0	110	mg/kg FE052305.D
Aliphatic C12-C16	Aliphatic C12-C16	1260		100	26.5	73.7	mg/kg FE052305.D
Aliphatic C16-C21	Aliphatic C16-C21	445		100	33.2	110	mg/kg FE052305.D
Aliphatic C21-C28	Aliphatic C21-C28	83.8		5	4.42	7.37	mg/kg FE052304.D
Aliphatic C28-C40	Aliphatic C28-C40	47.3		5	9.95	11.1	mg/kg FE052304.D
Aromatic C10-C12	Aromatic C10-C12	182		25	8.29	18.4	mg/kg FF015505.D
Aromatic C12-C16	Aromatic C12-C16	548		25	9.40	27.6	mg/kg FF015505.D
Aromatic C16-C21	Aromatic C16-C21	660		25	26.5	46.1	mg/kg FF015505.D
Aromatic C21-C36	Aromatic C21-C36	63.2		5	11.1	14.7	mg/kg FF015504.D
Total AliphaticEPH	Total AliphaticEPH	2540			116	312	mg/kg
Total AromaticEPH	Total AromaticEPH	1450			55.3	107	mg/kg
Total EPH	Total EPH	3990			171	419	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-9		SDG No.:	Q1308	
Lab Sample ID:	Q1308-08		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	90.3	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052289.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	595	E	0.42	1.11	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1180	E	0.27	0.74	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	411	E	0.33	1.11	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	86.7	E	0.89	1.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	45.1	E	1.99	2.21	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.3		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-08	Acq On:	07 Feb 2025 13:57
Client Sample ID:	EX-11-TPH-9	Operator:	YP\AJ
Data file:	FE052289.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	777492568	8080	300	ug/ml
Aliphatic C12-C16	7.236	10.639	1669143311	15900	200	ug/ml
Aliphatic C16-C21	10.640	13.984	630579755	5580	300	ug/ml
Aliphatic C21-C28	13.985	17.628	134025001	1180	400	ug/ml
Aliphatic C28-C40	17.629	22.712	56019819	611.88	600	ug/ml
Aliphatic EPH	3.679	22.712	3267260454	31400		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.728	13.728	3972766	40.25		ug/ml
Aliphatic C9-C28	3.679	17.628	3211240635	30800	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-9		SDG No.:	Q1308	
Lab Sample ID:	Q1308-08		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	90.3	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015491.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	147	E	0.33	0.74	mg/kg
Aromatic C12-C16	Aromatic C12-C16	474	E	0.38	1.11	mg/kg
Aromatic C16-C21	Aromatic C16-C21	570	E	1.06	1.84	mg/kg
Aromatic C21-C36	Aromatic C21-C36	64.3	E	2.21	2.95	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	86.8		40 - 140	174%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	68.4		40 - 140	137%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.6		40 - 140	93%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-08	Acq On:	07 Feb 2025 13:59
Client Sample ID:	EX-11-TPH-9	Operator:	YP\AJ
Data file:	FF015491.D	Misc:	
Instrument:	FID_F	ALS Vial:	77
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	276625768	2000	200	ug/ml
Aromatic C12-C16	6.375	9.068	863598001	6440	300	ug/ml
Aromatic C16-C21	9.069	13.385	953724211	7740	500	ug/ml
Aromatic C21-C36	13.386	18.838	102739346	872.326	800	ug/ml
Aromatic EPH	4.505	18.838	2196687326	17100		ug/ml
2-Bromonaphthalene (SURR)	8.007	8.007	10317746	86.81		ug/ml
2-Fluorobiphenyl (SURR)	8.890	8.890	5197415	68.44		ug/ml
ortho-Terphenyl (SURR)	11.948	11.948	6142092	46.57		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-9DL		SDG No.:	Q1308	
Lab Sample ID:	Q1308-08DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	90.3	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052304.D	5	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	595	E	2.10	5.53	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1200	E	1.33	3.69	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	412	E	1.66	5.53	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	83.8		4.42	7.37	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	47.3		9.95	11.1	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	9.01		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-08DL	Acq On:	07 Feb 2025 22:57
Client Sample ID:	EX-11-TPH-9DL	Operator:	YP\AJ
Data file:	FE052304.D	Misc:	
Instrument:	FID_E	ALS Vial:	30
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	155396184	1620	300	ug/ml
Aliphatic C12-C16	7.236	10.639	339562146	3240	200	ug/ml
Aliphatic C16-C21	10.640	13.984	126418532	1120	300	ug/ml
Aliphatic C21-C28	13.985	17.628	25920866	227.378	400	ug/ml
Aliphatic C28-C40	17.629	22.712	11737052	128.199	600	ug/ml
Aliphatic EPH	3.679	22.712	659034780	6330		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.715	13.715	889344	9.01		ug/ml
Aliphatic C9-C28	3.679	17.628	647297728	6200	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-9DL		SDG No.:	Q1308	
Lab Sample ID:	Q1308-08DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	90.3	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015504.D	5	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	164	E	1.66	3.69	mg/kg
Aromatic C12-C16	Aromatic C12-C16	509	E	1.88	5.53	mg/kg
Aromatic C16-C21	Aromatic C16-C21	597	E	5.31	9.22	mg/kg
Aromatic C21-C36	Aromatic C21-C36	63.2		11.1	14.7	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	17.9		40 - 140	179%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	13.2		40 - 140	132%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	10.4		40 - 140	104%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-08DL	Acq On:	08 Feb 2025 01:54
Client Sample ID:	EX-11-TPH-9DL	Operator:	YP\AJ
Data file:	FF015504.D	Misc:	
Instrument:	FID_F	ALS Vial:	88
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	61699158	446.699	200	ug/ml
Aromatic C12-C16	6.375	9.068	185345821	1380	300	ug/ml
Aromatic C16-C21	9.069	13.385	199706096	1620	500	ug/ml
Aromatic C21-C36	13.386	18.838	20190992	171.435	800	ug/ml
Aromatic EPH	4.505	18.838	466942067	3620		ug/ml
ortho-Terphenyl (SURR)	11.934	11.934	1378591	10.45		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	2132279	17.94		ug/ml
2-Fluorobiphenyl (SURR)	8.873	8.873	999553	13.16		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-9DL2	SDG No.:	Q1308
Lab Sample ID:	Q1308-08DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052305.D	100	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	702		42.0	110	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1260		26.5	73.7	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	445		33.2	110	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	105	J	88.5	147	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	199	U	199	221	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-08DL2	Acq On:	07 Feb 2025 23:27
Client Sample ID:	EX-11-TPH-9DL2	Operator:	YP\AJ
Data file:	FE052305.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	100	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	9162020	95.255	300	ug/ml
Aliphatic C12-C16	7.236	10.639	17943161	171.354	200	ug/ml
Aliphatic C16-C21	10.640	13.984	6831465	60.444	300	ug/ml
Aliphatic C21-C28	13.985	17.628	1634202	14.335	400	ug/ml
Aliphatic C28-C40	17.629	22.712	500745	5.469	600	ug/ml
Aliphatic EPH	3.679	22.712	36071593	346.857		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.679	17.628	35570848	341.388	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-9DL2	SDG No.:	Q1308
Lab Sample ID:	Q1308-08DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015505.D	25	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	182		8.29	18.4	mg/kg
Aromatic C12-C16	Aromatic C12-C16	548		9.40	27.6	mg/kg
Aromatic C16-C21	Aromatic C16-C21	660		26.5	46.1	mg/kg
Aromatic C21-C36	Aromatic C21-C36	56.4	J	55.3	73.7	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	3.79		40 - 140	190%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	2.15		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.27		40 - 140	114%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-08DL2	Acq On:	08 Feb 2025 02:22
Client Sample ID:	EX-11-TPH-9DL2	Operator:	YP\AJ
Data file:	FF015505.D	Misc:	
Instrument:	FID_F	ALS Vial:	89
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	13702312	99.204	200	ug/ml
Aromatic C12-C16	6.375	9.068	39895721	297.363	300	ug/ml
Aromatic C16-C21	9.069	13.385	44136227	358.247	500	ug/ml
Aromatic C21-C36	13.386	18.838	3603354	30.595	800	ug/ml
Aromatic EPH	4.505	18.838	101337614	785.409		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	299835	2.27		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	450403	3.79		ug/ml
2-Fluorobiphenyl (SURR)	8.873	8.873	163378	2.15		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-10	SDG No.:	Q1308
Lab Sample ID:	Q1308-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/10/25 11:00	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	692		100	49.0	129	mg/kg FE052312.D
Aliphatic C12-C16	Aliphatic C12-C16	1340		100	31.0	86.0	mg/kg FE052312.D
Aliphatic C16-C21	Aliphatic C16-C21	472		100	38.7	129	mg/kg FE052312.D
Aliphatic C21-C28	Aliphatic C21-C28	74.4		10	10.3	17.2	mg/kg FE052311.D
Aliphatic C28-C40	Aliphatic C28-C40	39.4		1	2.32	2.58	mg/kg FE052290.D
Aromatic C10-C12	Aromatic C10-C12	122		10	3.87	8.60	mg/kg FF015506.D
Aromatic C12-C16	Aromatic C12-C16	361		20	8.78	25.8	mg/kg FF015507.D
Aromatic C16-C21	Aromatic C16-C21	436		20	24.8	43.0	mg/kg FF015507.D
Aromatic C21-C36	Aromatic C21-C36	46.3		1	2.58	3.44	mg/kg FF015492.D
Total AliphaticEPH	Total AliphaticEPH	2620			131	364	mg/kg
Total AromaticEPH	Total AromaticEPH	965			40.0	80.8	mg/kg
Total EPH	Total EPH	3580			171	445	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-10		SDG No.:	Q1308	
Lab Sample ID:	Q1308-09		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	77.3	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052290.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	588	E	0.49	1.29	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1210	E	0.31	0.86	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	401	E	0.39	1.29	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	76.5	E	1.03	1.72	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	39.4		2.32	2.58	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	49.1		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-09	Acq On:	07 Feb 2025 14:27
Client Sample ID:	EX-11-TPH-10	Operator:	YP\AJ
Data file:	FE052290.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	657306922	6830	300	ug/ml
Aliphatic C12-C16	7.236	10.639	1472810704	14100	200	ug/ml
Aliphatic C16-C21	10.640	13.984	527737200	4670	300	ug/ml
Aliphatic C21-C28	13.985	17.628	101403257	889.512	400	ug/ml
Aliphatic C28-C40	17.629	22.712	41879579	457.433	600	ug/ml
Aliphatic EPH	3.679	22.712	2801137662	26900		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.728	13.728	4843224	49.07		ug/ml
Aliphatic C9-C28	3.679	17.628	2759258083	26500	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-10		SDG No.:	Q1308	
Lab Sample ID:	Q1308-09		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	77.3	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015492.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	106	E	0.39	0.86	mg/kg
Aromatic C12-C16	Aromatic C12-C16	358	E	0.44	1.29	mg/kg
Aromatic C16-C21	Aromatic C16-C21	430	E	1.24	2.15	mg/kg
Aromatic C21-C36	Aromatic C21-C36	46.3		2.58	3.44	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	64.6		40 - 140	129%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	45.6		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	53.7		40 - 140	107%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-09	Acq On:	07 Feb 2025 14:28
Client Sample ID:	EX-11-TPH-10	Operator:	YP\AJ
Data file:	FF015492.D	Misc:	
Instrument:	FID_F	ALS Vial:	78
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	170387351	1230	200	ug/ml
Aromatic C12-C16	6.375	9.068	559454181	4170	300	ug/ml
Aromatic C16-C21	9.069	13.385	616599553	5000	500	ug/ml
Aromatic C21-C36	13.386	18.838	63336465	537.769	800	ug/ml
Aromatic EPH	4.505	18.838	1409777550	10900		ug/ml
2-Bromonaphthalene (SURR)	8.003	8.003	7677487	64.6		ug/ml
2-Fluorobiphenyl (SURR)	8.883	8.883	3460466	45.57		ug/ml
ortho-Terphenyl (SURR)	11.944	11.944	7087456	53.74		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-10DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-09DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052311.D	10	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	647	E	4.90	12.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1280	E	3.10	8.60	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	428	E	3.87	12.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	74.4		10.3	17.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	41.7		23.2	25.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.45		40 - 140	109%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-09DL	Acq On:	10 Feb 2025 10:30
Client Sample ID:	EX-11-TPH-10DL	Operator:	YP\AJ
Data file:	FE052311.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.682	7.240	72331675	752.011	300	ug/ml
Aliphatic C12-C16	7.241	10.644	155620826	1490	200	ug/ml
Aliphatic C16-C21	10.645	13.990	56260035	497.778	300	ug/ml
Aliphatic C21-C28	13.991	17.632	9851267	86.416	400	ug/ml
Aliphatic C28-C40	17.633	22.724	4434278	48.434	600	ug/ml
Aliphatic EPH	3.682	22.724	298498081	2870		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.726	13.726	537758	5.45		ug/ml
Aliphatic C9-C28	3.682	17.632	294063803	2820	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-10DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-09DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015506.D	10	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	122		3.87	8.60	mg/kg
Aromatic C12-C16	Aromatic C12-C16	385	E	4.39	12.9	mg/kg
Aromatic C16-C21	Aromatic C16-C21	477	E	12.4	21.5	mg/kg
Aromatic C21-C36	Aromatic C21-C36	41.0		25.8	34.4	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	6.66		40 - 140	133%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	4.16		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.82		40 - 140	116%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-09DL	Acq On:	08 Feb 2025 02:51
Client Sample ID:	EX-11-TPH-10DL	Operator:	YP\AJ
Data file:	FF015506.D	Misc:	
Instrument:	FID_F	ALS Vial:	90
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	19638035	142.179	200	ug/ml
Aromatic C12-C16	6.375	9.068	60130405	448.183	300	ug/ml
Aromatic C16-C21	9.069	13.385	68349089	554.779	500	ug/ml
Aromatic C21-C36	13.386	18.838	5618589	47.706	800	ug/ml
Aromatic EPH	4.505	18.838	153736118	1190		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	767589	5.82		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	791889	6.66		ug/ml
2-Fluorobiphenyl (SURR)	8.872	8.872	315578	4.16		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-10DL2		SDG No.:	Q1308	
Lab Sample ID:	Q1308-09DL2		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	77.3	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052312.D	100	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	692		49.0	129	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1340		31.0	86.0	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	472		38.7	129	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	80.8	J	103	172	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	232	U	232	258	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-09DL2	Acq On:	10 Feb 2025 11:00
Client Sample ID:	EX-11-TPH-10DL2	Operator:	YP\AJ
Data file:	FE052312.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	100	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.682	7.240	7739324	80.463	300	ug/ml
Aliphatic C12-C16	7.241	10.644	16291656	155.582	200	ug/ml
Aliphatic C16-C21	10.645	13.990	6208200	54.929	300	ug/ml
Aliphatic C21-C28	13.991	17.632	1070784	9.393	400	ug/ml
Aliphatic C28-C40	17.633	22.724	559600	6.112	600	ug/ml
Aliphatic EPH	3.682	22.724	31869564	306.48		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.682	17.632	31309964	300.367	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-10DL2	SDG No.:	Q1308
Lab Sample ID:	Q1308-09DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015507.D	20	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	112		7.74	17.2	mg/kg
Aromatic C12-C16	Aromatic C12-C16	361		8.78	25.8	mg/kg
Aromatic C16-C21	Aromatic C16-C21	436		24.8	43.0	mg/kg
Aromatic C21-C36	Aromatic C21-C36	36.5	J	51.6	68.8	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	3.24		40 - 140	130%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	1.43		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.74		40 - 140	110%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-09DL2	Acq On:	08 Feb 2025 03:19
Client Sample ID:	EX-11-TPH-10DL2	Operator:	YP\AJ
Data file:	FF015507.D	Misc:	
Instrument:	FID_F	ALS Vial:	91
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	9031224	65.386	200	ug/ml
Aromatic C12-C16	6.375	9.068	28185111	210.078	300	ug/ml
Aromatic C16-C21	9.069	13.385	31263856	253.764	500	ug/ml
Aromatic C21-C36	13.386	18.838	2499003	21.218	800	ug/ml
Aromatic EPH	4.505	18.838	70979194	550.446		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	361280	2.74		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	384639	3.24		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	108505	1.43		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-11	SDG No.:	Q1308
Lab Sample ID:	Q1308-10	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/10/25 11:30	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	274		50	21.5	56.7	mg/kg FE052313.D
Aliphatic C12-C16	Aliphatic C12-C16	552		50	13.6	37.8	mg/kg FE052313.D
Aliphatic C16-C21	Aliphatic C16-C21	185		50	17.0	56.7	mg/kg FE052313.D
Aliphatic C21-C28	Aliphatic C21-C28	19.3		1	0.91	1.51	mg/kg FE052291.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0		1	2.04	2.27	mg/kg FE052291.D
Aromatic C10-C12	Aromatic C10-C12	40.6		10	3.40	7.55	mg/kg FF015513.D
Aromatic C12-C16	Aromatic C12-C16	159		10	3.85	11.3	mg/kg FF015513.D
Aromatic C16-C21	Aromatic C16-C21	182		10	10.9	18.9	mg/kg FF015513.D
Aromatic C21-C36	Aromatic C21-C36	14.3		1	2.27	3.02	mg/kg FF015493.D
Total AliphaticEPH	Total AliphaticEPH	1050			55.0	155	mg/kg
Total AromaticEPH	Total AromaticEPH	396			20.4	40.8	mg/kg
Total EPH	Total EPH	1440			75.5	196	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-11		SDG No.:	Q1308	
Lab Sample ID:	Q1308-10		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.1	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052291.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	233	E	0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	466	E	0.27	0.76	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	158	E	0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	19.3		0.91	1.51	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.0		2.04	2.27	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	47.8		40 - 140	96%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-10	Acq On:	07 Feb 2025 14:57
Client Sample ID:	EX-11-TPH-11	Operator:	YP\AJ
Data file:	FE052291.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	297467375	3090	300	ug/ml
Aliphatic C12-C16	7.236	10.639	646816462	6180	200	ug/ml
Aliphatic C16-C21	10.640	13.984	236773534	2090	300	ug/ml
Aliphatic C21-C28	13.985	17.628	29117307	255.418	400	ug/ml
Aliphatic C28-C40	17.629	22.712	20632731	225.362	600	ug/ml
Aliphatic EPH	3.679	22.712	1230807409	11800		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.724	13.724	4721308	47.84		ug/ml
Aliphatic C9-C28	3.679	17.628	1210174678	11600	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-11		SDG No.:	Q1308	
Lab Sample ID:	Q1308-10		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.1	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015493.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	37.0	E	0.34	0.76	mg/kg
Aromatic C12-C16	Aromatic C12-C16	135	E	0.39	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	165	E	1.09	1.89	mg/kg
Aromatic C21-C36	Aromatic C21-C36	14.3		2.27	3.02	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	69.5		40 - 140	139%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	45.8		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	50.6		40 - 140	101%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-10	Acq On:	07 Feb 2025 14:56
Client Sample ID:	EX-11-TPH-11	Operator:	YP\AJ
Data file:	FF015493.D	Misc:	
Instrument:	FID_F	ALS Vial:	79
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	67620336	489.568	200	ug/ml
Aromatic C12-C16	6.375	9.068	241068117	1800	300	ug/ml
Aromatic C16-C21	9.069	13.385	269978074	2190	500	ug/ml
Aromatic C21-C36	13.386	18.838	22321182	189.522	800	ug/ml
Aromatic EPH	4.505	18.838	600987709	4670		ug/ml
2-Bromonaphthalene (SURR)	8.000	8.000	8266626	69.55		ug/ml
2-Fluorobiphenyl (SURR)	8.876	8.876	3479433	45.82		ug/ml
ortho-Terphenyl (SURR)	11.938	11.938	6679792	50.65		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-11DL		SDG No.:	Q1308	
Lab Sample ID:	Q1308-10DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.1	
Sample Wt/Vol:	30.05	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052313.D	50	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	274		21.5	56.7	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	552		13.6	37.8	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	185		17.0	56.7	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	17.9	J	45.3	75.5	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	101	U	101	113	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-10DL	Acq On:	10 Feb 2025 11:30
Client Sample ID:	EX-11-TPH-11DL	Operator:	YP\AJ
Data file:	FE052313.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.682	7.240	6997396	72.75	300	ug/ml
Aliphatic C12-C16	7.241	10.644	15311215	146.219	200	ug/ml
Aliphatic C16-C21	10.645	13.990	5562079	49.212	300	ug/ml
Aliphatic C21-C28	13.991	17.632	539026	4.728	400	ug/ml
Aliphatic C28-C40	17.633	22.724	496136	5.419	600	ug/ml
Aliphatic EPH	3.682	22.724	28905852	278.329		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.682	17.632	28409716	272.909	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-11DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-10DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.1
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015513.D	10	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	40.6		3.40	7.55	mg/kg
Aromatic C12-C16	Aromatic C12-C16	159		3.85	11.3	mg/kg
Aromatic C16-C21	Aromatic C16-C21	182		10.9	18.9	mg/kg
Aromatic C21-C36	Aromatic C21-C36	15.2	J	22.7	30.2	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	6.77		40 - 140	135%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	4.01		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.24		40 - 140	105%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-10DL	Acq On:	10 Feb 2025 09:49
Client Sample ID:	EX-11-TPH-11DL	Operator:	YP\AJ
Data file:	FF015513.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.373	7420403	53.723	200	ug/ml
Aromatic C12-C16	6.374	9.067	28383136	211.554	300	ug/ml
Aromatic C16-C21	9.068	13.385	29687769	240.971	500	ug/ml
Aromatic C21-C36	13.386	18.840	2376027	20.174	800	ug/ml
Aromatic EPH	4.505	18.840	67867335	526.423		ug/ml
ortho-Terphenyl (SURR)	11.929	11.929	691377	5.24		ug/ml
2-Bromonaphthalene (SURR)	7.992	7.992	804271	6.77		ug/ml
2-Fluorobiphenyl (SURR)	8.869	8.869	304866	4.01		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-12		SDG No.:	Q1308	
Lab Sample ID:	Q1308-11		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.8	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/10/25 12:00	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	74.9		20	8.53	22.4	mg/kg FE052314.D
Aliphatic C12-C16	Aliphatic C12-C16	211		20	5.39	15.0	mg/kg FE052314.D
Aliphatic C16-C21	Aliphatic C16-C21	117		20	6.73	22.4	mg/kg FE052314.D
Aliphatic C21-C28	Aliphatic C21-C28	15.8		1	0.90	1.50	mg/kg FE052292.D
Aliphatic C28-C40	Aliphatic C28-C40	24.3		1	2.02	2.24	mg/kg FE052292.D
Aromatic C10-C12	Aromatic C10-C12	10.5		1	0.34	0.75	mg/kg FF015494.D
Aromatic C12-C16	Aromatic C12-C16	59.9		5	1.91	5.61	mg/kg FF015514.D
Aromatic C16-C21	Aromatic C16-C21	121		5	5.39	9.35	mg/kg FF015514.D
Aromatic C21-C36	Aromatic C21-C36	18.7		1	2.24	2.99	mg/kg FF015494.D
Total AliphaticEPH	Total AliphaticEPH	443			23.6	63.5	mg/kg
Total AromaticEPH	Total AromaticEPH	210			9.88	18.7	mg/kg
Total EPH	Total EPH	653			33.4	82.2	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-12		SDG No.:	Q1308	
Lab Sample ID:	Q1308-11		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.8	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052292.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	65.6	E	0.43	1.12	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	187	E	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	102	E	0.34	1.12	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.8		0.90	1.50	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	24.3		2.02	2.24	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.3		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-11	Acq On:	07 Feb 2025 15:27
Client Sample ID:	EX-11-TPH-12	Operator:	YP\AJ
Data file:	FE052292.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	84367793	877.147	300	ug/ml
Aliphatic C12-C16	7.236	10.639	262318234	2510	200	ug/ml
Aliphatic C16-C21	10.640	13.984	154280737	1370	300	ug/ml
Aliphatic C21-C28	13.985	17.628	24032361	210.812	400	ug/ml
Aliphatic C28-C40	17.629	22.712	29677128	324.15	600	ug/ml
Aliphatic EPH	3.679	22.712	554676253	5280		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.724	13.724	3189852	32.32		ug/ml
Aliphatic C9-C28	3.679	17.628	524999125	4960	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-12		SDG No.:	Q1308	
Lab Sample ID:	Q1308-11		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.8	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015494.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	10.5		0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	50.8	E	0.38	1.12	mg/kg
Aromatic C16-C21	Aromatic C16-C21	111	E	1.08	1.87	mg/kg
Aromatic C21-C36	Aromatic C21-C36	18.7		2.24	2.99	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	58.9		40 - 140	118%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	46.8		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.5		40 - 140	63%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-11	Acq On:	07 Feb 2025 15:24
Client Sample ID:	EX-11-TPH-12	Operator:	YP\AJ
Data file:	FF015494.D	Misc:	
Instrument:	FID_F	ALS Vial:	80
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	19320318	139.878	200	ug/ml
Aromatic C12-C16	6.375	9.068	91111750	679.103	300	ug/ml
Aromatic C16-C21	9.069	13.385	183889746	1490	500	ug/ml
Aromatic C21-C36	13.386	18.838	29413348	249.739	800	ug/ml
Aromatic EPH	4.505	18.838	323735162	2560		ug/ml
2-Bromonaphthalene (SURR)	7.998	7.998	6994291	58.85		ug/ml
2-Fluorobiphenyl (SURR)	8.874	8.874	3551284	46.76		ug/ml
ortho-Terphenyl (SURR)	11.935	11.935	4157804	31.53		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-12DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-11DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052314.D	20	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	74.9		8.53	22.4	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	211		5.39	15.0	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	117		6.73	22.4	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.0	J	18.0	29.9	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	27.8	J	40.4	44.9	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.89		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-11DL	Acq On:	10 Feb 2025 12:00
Client Sample ID:	EX-11-TPH-12DL	Operator:	YP\AJ
Data file:	FE052314.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.682	7.240	4814926	50.059	300	ug/ml
Aliphatic C12-C16	7.241	10.644	14803398	141.37	200	ug/ml
Aliphatic C16-C21	10.645	13.990	8877872	78.55	300	ug/ml
Aliphatic C21-C28	13.991	17.632	1143650	10.032	400	ug/ml
Aliphatic C28-C40	17.633	22.724	1703415	18.606	600	ug/ml
Aliphatic EPH	3.682	22.724	31343261	298.616		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.729	13.729	186337	1.89		ug/ml
Aliphatic C9-C28	3.682	17.632	29639846	280.011	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-12DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-11DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015514.D	5	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	11.9		1.68	3.74	mg/kg
Aromatic C12-C16	Aromatic C12-C16	59.9		1.91	5.61	mg/kg
Aromatic C16-C21	Aromatic C16-C21	121		5.39	9.35	mg/kg
Aromatic C21-C36	Aromatic C21-C36	19.2		11.2	15.0	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	11.9		40 - 140	119%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	9.14		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	6.91		40 - 140	69%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-11DL	Acq On:	10 Feb 2025 10:17
Client Sample ID:	EX-11-TPH-12DL	Operator:	YP\AJ
Data file:	FF015514.D	Misc:	
Instrument:	FID_F	ALS Vial:	72
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.373	4397643	31.839	200	ug/ml
Aromatic C12-C16	6.374	9.067	21471717	160.04	300	ug/ml
Aromatic C16-C21	9.068	13.385	39846933	323.431	500	ug/ml
Aromatic C21-C36	13.386	18.840	6049070	51.361	800	ug/ml
Aromatic EPH	4.505	18.840	71765363	566.671		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	911595	6.91		ug/ml
2-Bromonaphthalene (SURR)	7.994	7.994	1409131	11.86		ug/ml
2-Fluorobiphenyl (SURR)	8.871	8.871	693834	9.14		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-13		SDG No.:	Q1308	
Lab Sample ID:	Q1308-12		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.3	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/10/25 11:32	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	890		50	22.0	57.9	mg/kg FC068245.D
Aliphatic C12-C16	Aliphatic C12-C16	2000		200	55.5	154	mg/kg FC068246.D
Aliphatic C16-C21	Aliphatic C16-C21	545		50	17.4	57.9	mg/kg FC068245.D
Aliphatic C21-C28	Aliphatic C21-C28	111		10	9.26	15.4	mg/kg FC068244.D
Aliphatic C28-C40	Aliphatic C28-C40	90.2		10	20.8	23.1	mg/kg FC068244.D
Aromatic C10-C12	Aromatic C10-C12	116		50	17.4	38.6	mg/kg FD049067.D
Aromatic C12-C16	Aromatic C12-C16	479		50	19.7	57.9	mg/kg FD049067.D
Aromatic C16-C21	Aromatic C16-C21	545		50	55.5	96.4	mg/kg FD049067.D
Aromatic C21-C36	Aromatic C21-C36	60.6		1	2.31	3.09	mg/kg FD049060.D
Total AliphaticEPH	Total AliphaticEPH	3630			125	308	mg/kg
Total AromaticEPH	Total AromaticEPH	1200			94.9	196	mg/kg
Total EPH	Total EPH	4830			220	504	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-13		SDG No.:	Q1308	
Lab Sample ID:	Q1308-12		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.3	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068237.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	923	E	0.44	1.16	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1740	E	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	469	E	0.35	1.16	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	96.6	E	0.93	1.54	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	70.9	E	2.08	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	67.8		40 - 140	136%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-12	Acq On:	07 Feb 2025 16:45
Client Sample ID:	EX-11-TPH-13	Operator:	YP/AJ
Data file:	FC068237.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.111	6.377	1658118628	12000	300	ug/ml
Aliphatic C12-C16	6.378	9.762	3109442486	22600	200	ug/ml
Aliphatic C16-C21	9.763	13.116	821876776	6090	300	ug/ml
Aliphatic C21-C28	13.117	16.769	159233963	1250	400	ug/ml
Aliphatic C28-C40	16.770	21.574	95304750	919.585	600	ug/ml
Aliphatic EPH	3.111	21.574	5843976603	42800		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.857	12.857	7798817	67.81		ug/ml
Aliphatic C9-C28	3.111	16.769	5748671853	41900	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-13		SDG No.:	Q1308	
Lab Sample ID:	Q1308-12		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.3	
Sample Wt/Vol:	30.04	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049060.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	109	E	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	436	E	0.39	1.16	mg/kg
Aromatic C16-C21	Aromatic C16-C21	468	E	1.11	1.93	mg/kg
Aromatic C21-C36	Aromatic C21-C36	60.6		2.31	3.09	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	68.3		40 - 140	137%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	69.2		40 - 140	138%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	63.3		40 - 140	127%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-12	Acq On:	07 Feb 2025 16:09
Client Sample ID:	EX-11-TPH-13	Operator:	YP/AJ
Data file:	FD049060.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	220124834	1420	200	ug/ml
Aromatic C12-C16	5.795	8.398	917016864	5650	300	ug/ml
Aromatic C16-C21	8.399	12.662	938826588	6070	500	ug/ml
Aromatic C21-C36	12.663	18.072	111867705	785.02	800	ug/ml
Aromatic EPH	4.076	18.072	2187835991	13900		ug/ml
2-Bromonaphthalene (SURR)	7.370	7.370	9714336	68.26		ug/ml
2-Fluorobiphenyl (SURR)	8.225	8.225	5890489	69.23		ug/ml
ortho-Terphenyl (SURR)	11.257	11.257	10412959	63.32		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-13DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-12DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068244.D	10	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1030	E	4.40	11.6	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1790	E	2.78	7.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	527	E	3.47	11.6	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	111		9.26	15.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	90.2		20.8	23.1	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	7.08		40 - 140	142%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-12DL	Acq On:	10 Feb 2025 10:55
Client Sample ID:	EX-11-TPH-13DL	Operator:	YP/AJ
Data file:	FC068244.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.108	6.374	184722555	1330	300	ug/ml
Aliphatic C12-C16	6.375	9.758	319875191	2320	200	ug/ml
Aliphatic C16-C21	9.759	13.112	92382637	684.218	300	ug/ml
Aliphatic C21-C28	13.113	16.764	18344801	144.212	400	ug/ml
Aliphatic C28-C40	16.765	21.564	12114093	116.888	600	ug/ml
Aliphatic EPH	3.108	21.564	627439277	4600		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.841	12.841	814082	7.08		ug/ml
Aliphatic C9-C28	3.108	16.764	615325184	4490	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-13DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-12DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049067.D	50	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	116		17.4	38.6	mg/kg
Aromatic C12-C16	Aromatic C12-C16	479		19.7	57.9	mg/kg
Aromatic C16-C21	Aromatic C16-C21	545		55.5	96.4	mg/kg
Aromatic C21-C36	Aromatic C21-C36	64.9	J	115	154	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	0.00		40 - 140	0%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-12DL	Acq On:	10 Feb 2025 10:19
Client Sample ID:	EX-11-TPH-13DL	Operator:	YP/AJ
Data file:	FD049067.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.793	4706125	30.317	200	ug/ml
Aromatic C12-C16	5.794	8.397	20158175	124.271	300	ug/ml
Aromatic C16-C21	8.398	12.659	21854341	141.316	500	ug/ml
Aromatic C21-C36	12.660	18.066	2398737	16.833	800	ug/ml
Aromatic EPH	4.076	18.066	49117378	312.737		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
2-Bromonaphthalene (SURR)	0.000	0.000	0	0		ug/ml
2-Fluorobiphenyl (SURR)	0.000	0.000	0	0		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-13DL2	SDG No.:	Q1308
Lab Sample ID:	Q1308-12DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068245.D	50	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	890		22.0	57.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1900	E	13.9	38.6	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	545		17.4	57.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	83.8		46.3	77.1	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	70.9	J	104	115	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.45		40 - 140	145%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-12DL2	Acq On:	10 Feb 2025 11:32
Client Sample ID:	EX-11-TPH-13DL2	Operator:	YP/AJ
Data file:	FC068245.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.108	6.374	31973907	230.878	300	ug/ml
Aliphatic C12-C16	6.375	9.758	67696766	491.578	200	ug/ml
Aliphatic C16-C21	9.759	13.112	19090875	141.394	300	ug/ml
Aliphatic C21-C28	13.113	16.764	2764933	21.736	400	ug/ml
Aliphatic C28-C40	16.765	21.564	1904091	18.372	600	ug/ml
Aliphatic EPH	3.108	21.564	123430572	903.958		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.841	12.841	166317	1.45		ug/ml
Aliphatic C9-C28	3.108	16.764	121526481	885.586	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-13DL3	SDG No.:	Q1308
Lab Sample ID:	Q1308-12DL3	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068246.D	200	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1040		87.9	231	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2000		55.5	154	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	571		69.4	231	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	88.0	J	185	308	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	416	U	416	462	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-12DL3	Acq On:	10 Feb 2025 12:09
Client Sample ID:	EX-11-TPH-13DL3	Operator:	YP/AJ
Data file:	FC068246.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	200	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.108	6.374	9332981	67.392	300	ug/ml
Aliphatic C12-C16	6.375	9.758	17815605	129.368	200	ug/ml
Aliphatic C16-C21	9.759	13.112	4997540	37.014	300	ug/ml
Aliphatic C21-C28	13.113	16.764	725362	5.702	400	ug/ml
Aliphatic C28-C40	16.765	21.564	526296	5.078	600	ug/ml
Aliphatic EPH	3.108	21.564	33397784	244.553		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.108	16.764	32871488	239.476	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-14	SDG No.:	Q1308
Lab Sample ID:	Q1308-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/10/25 12:45	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	40.5		10	4.62	12.2	mg/kg FC068247.D
Aliphatic C12-C16	Aliphatic C12-C16	74.3		10	2.92	8.10	mg/kg FC068247.D
Aliphatic C16-C21	Aliphatic C16-C21	10.3		1	0.37	1.22	mg/kg FC068238.D
Aliphatic C21-C28	Aliphatic C21-C28	0.97	U	1	0.97	1.62	mg/kg FC068238.D
Aliphatic C28-C40	Aliphatic C28-C40	10.1		1	2.19	2.43	mg/kg FC068238.D
Aromatic C10-C12	Aromatic C10-C12	3.26		1	0.37	0.81	mg/kg FD049061.D
Aromatic C12-C16	Aromatic C12-C16	12.8		1	0.41	1.22	mg/kg FD049061.D
Aromatic C16-C21	Aromatic C16-C21	11.0		1	1.17	2.03	mg/kg FD049061.D
Aromatic C21-C36	Aromatic C21-C36	2.86	J	1	2.43	3.24	mg/kg FD049061.D
Total AliphaticEPH	Total AliphaticEPH	135			11.1	25.6	mg/kg
Total AromaticEPH	Total AromaticEPH	29.9			4.38	7.30	mg/kg
Total EPH	Total EPH	165			15.4	32.9	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-14		SDG No.:	Q1308	
Lab Sample ID:	Q1308-13		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	82.1	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068238.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	40.0	E	0.46	1.22	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	70.1	E	0.29	0.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	10.3		0.37	1.22	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.97	U	0.97	1.62	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.1		2.19	2.43	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	52.4		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-13	Acq On:	07 Feb 2025 17:21
Client Sample ID:	EX-11-TPH-14	Operator:	YP/AJ
Data file:	FC068238.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.111	6.377	68292551	493.129	300	ug/ml
Aliphatic C12-C16	6.378	9.762	119052673	864.498	200	ug/ml
Aliphatic C16-C21	9.763	13.116	17116673	126.772	300	ug/ml
Aliphatic C21-C28	13.117	16.769	1416557	11.136	400	ug/ml
Aliphatic C28-C40	16.770	21.574	12947115	124.925	600	ug/ml
Aliphatic EPH	3.111	21.574	218825569	1620		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.848	12.848	6021985	52.36		ug/ml
Aliphatic C9-C28	3.111	16.769	205878454	1500	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-14	SDG No.:	Q1308
Lab Sample ID:	Q1308-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049061.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.26		0.37	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	12.8		0.41	1.22	mg/kg
Aromatic C16-C21	Aromatic C16-C21	11.0		1.17	2.03	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.86	J	2.43	3.24	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	48.9		40 - 140	98%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.7		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	49.8		40 - 140	100%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-13	Acq On:	07 Feb 2025 16:45
Client Sample ID:	EX-11-TPH-14	Operator:	YP/AJ
Data file:	FD049061.D	Misc:	
Instrument:	FID_D	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	6247007	40.243	200	ug/ml
Aromatic C12-C16	5.795	8.398	25716243	158.535	300	ug/ml
Aromatic C16-C21	8.399	12.662	20944377	135.432	500	ug/ml
Aromatic C21-C36	12.663	18.072	5024078	35.256	800	ug/ml
Aromatic EPH	4.076	18.072	57931705	369.467		ug/ml
ortho-Terphenyl (SURR)	11.239	11.239	8182768	49.76		ug/ml
2-Bromonaphthalene (SURR)	7.353	7.353	6955762	48.87		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	3715804	43.67		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-14DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-13DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068247.D	10	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	40.5		4.62	12.2	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	74.3		2.92	8.10	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	11.1	J	3.65	12.2	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.72	U	9.72	16.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.1	J	21.9	24.3	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.34		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-13DL	Acq On:	10 Feb 2025 12:45
Client Sample ID:	EX-11-TPH-14DL	Operator:	YP/AJ
Data file:	FC068247.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.108	6.374	6921238	49.977	300	ug/ml
Aliphatic C12-C16	6.375	9.758	12631436	91.723	200	ug/ml
Aliphatic C16-C21	9.759	13.112	1846978	13.679	300	ug/ml
Aliphatic C21-C28	13.113	16.764	161535	1.27	400	ug/ml
Aliphatic C28-C40	16.765	21.564	1550724	14.963	600	ug/ml
Aliphatic EPH	3.108	21.564	23111911	171.612		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.841	12.841	614207	5.34		ug/ml
Aliphatic C9-C28	3.108	16.764	21561187	156.649	1200	ug/ml

LAB CHRONICLE

OrderID:	Q1308	OrderDate:	2/5/2025 2:42:00 PM
Client:	ENTACT	Project:	North Point - 4101 Arthur Kill Rd - E9306
Contact:	Wyatt Seel	Location:	N41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1308-01	EX-8-TPH-1	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25	
			Gasoline Range Organics	8015D			02/06/25	
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-01DL	EX-8-TPH-1DL	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-02	EX-6-TPH-1	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25	
			Gasoline Range Organics	8015D			02/06/25	
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-02DL	EX-6-TPH-1DL	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-03	EX-6-TPH-2	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25	
			Gasoline Range Organics	8015D			02/06/25	
			EPH	NJEPH		02/06/25	02/07/25	
			EPH	NJEPH		02/06/25	02/08/25	
Q1308-03DL	EX-6-TPH-2DL	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-03DL 2	EX-6-TPH-2DL2	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-04	EX-11-TPH-5	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/06/25	
			Gasoline Range Organics	8015D			02/06/25	
			EPH	NJEPH		02/06/25	02/07/25	

LAB CHRONICLE

Q1308-05	EX-11-TPH-6	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D		02/06/25	02/06/25
			Gasoline Range Organics	8015D			02/06/25
			EPH	NJEPH		02/06/25	02/07/25
Q1308-06	EX-11-TPH-7	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25
			Gasoline Range Organics	8015D			02/06/25
			EPH	NJEPH		02/06/25	02/07/25
			EPH	NJEPH		02/06/25	02/08/25
Q1308-06DL	EX-11-TPH-7DL	Solid			02/05/25		02/05/25
			EPH	NJEPH		02/06/25	02/07/25
			EPH	NJEPH		02/06/25	02/08/25
Q1308-06DL 2	EX-11-TPH-7DL2	Solid			02/05/25		02/05/25
			EPH	NJEPH		02/06/25	02/07/25
			EPH	NJEPH		02/06/25	02/08/25
Q1308-07	EX-11-TPH-8	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25
			Gasoline Range Organics	8015D			02/07/25
			EPH	NJEPH		02/06/25	02/07/25
			EPH	NJEPH		02/06/25	02/08/25
Q1308-07DL	EX-11-TPH-8DL	Solid			02/05/25		02/05/25
			EPH	NJEPH		02/06/25	02/07/25
			EPH	NJEPH		02/06/25	02/08/25
Q1308-08	EX-11-TPH-9	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25
			Gasoline Range Organics	8015D			02/07/25
			EPH	NJEPH		02/06/25	02/07/25
			EPH	NJEPH		02/06/25	02/08/25
Q1308-08DL	EX-11-TPH-9DL	Solid			02/05/25		02/05/25
			EPH	NJEPH		02/06/25	02/07/25
			EPH	NJEPH		02/06/25	02/08/25

LAB CHRONICLE

Q1308-08DL 2	EX-11-TPH-9DL2	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/08/25	
Q1308-09	EX-11-TPH-10	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25	
			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/08/25	
Q1308-09DL	EX-11-TPH-10DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/08/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-09DL 2	EX-11-TPH-10DL2	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/08/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-10	EX-11-TPH-11	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25	
			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-10DL	EX-11-TPH-11DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-11	EX-11-TPH-12	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25	
			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-11DL	EX-11-TPH-12DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-12	EX-11-TPH-13	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25	

LAB CHRONICLE

			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-12DL	EX-11-TPH-13DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-12DL 2	EX-11-TPH-13DL2	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-12DL 3	EX-11-TPH-13DL3	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-13	EX-11-TPH-14	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25	
			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-13DL	EX-11-TPH-14DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	



SHIPPING DOCUMENTS

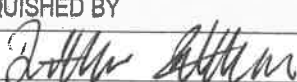
CHAIN OF CUSTODY RECORD

Q1308

NO. 1 OF 2

8

8.1

COMPANY INFORMATION			PROJECT INFORMATION				REQUESTED ANALYSIS/METHOD										COMMENTS	
LOCATION	ENTACT LLC		PROJECT	North Point														
ATTN	Wyatt Seel		BILLING INFORMATION															
ADDRESS	150 Bay Street, Suite 801		BILL TO	ENTACT LLC														
	Jersey City, NJ		ADDRESS	999 Oakmont Plaza Drive Suite 300														
PHONE	419-266-4671		PHONE	Westmont, IL 60559														
FAX			FAX															
			PO#	E9306														
SAMPLE ID	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	SAMPLE TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	TPH analysis(EPH Cat2, DRO & GRO) (8015)										
EX-8-TPH-1	TPH	2/5/25	11:00	Soil	G	Teracore / 8oz	2	X										
EX-6-TPH-1	TPH	2/5/25	11:00	Soil	G		2	X										
EX-6-TPH-2	TPH	2/5/25	11:00	Soil	G		2	X										
EX-11-TPH-5	TPH	2/5/25	11:00	Soil	G		2	X										
EX11-TPH-6	TPH	2/5/25	11:00	Soil	G		2	X										
EX-11-TPH-7	TPH	2/5/25	11:00	Soil	G		2	X										
EX-11-TPH-8	TPH	2/5/25	11:00	Soil	G		2	X										
EX-11-TPH-9	TPH	2/5/25	11:00	Soil	G		2	X										
EX-11-TPH-10	TPH	2/5/25	11:00	Soil	G		2	X										
SAMPLER		A. Farmerie		SHIPMENT		courier		AIRBILL		Temp 3.3°C								
REQUIRED TURNAROUND		☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☒ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER:																
1. RELINQUISHED BY		DATE	2. RELINQUISHED BY		DATE	3. RELINQUISHED BY		DATE										
SIGNATURE: 		2-5-25	SIGNATURE:			SIGNATURE: 		2-5-25										
PRINTED NAME/COMPANY: ENTACT		2-5-25	PRINTED NAME/COMPANY:			PRINTED NAME/COMPANY: Sahmir Davis / Alliance		1516										
1. RECEIVED BY		DATE	2. RECEIVED BY		DATE	3. RECEIVED BY		DATE										
SIGNATURE: 		2-5-25	SIGNATURE:			SIGNATURE:												
PRINTED NAME/COMPANY: Sahmir Davis / Alliance		1435	PRINTED NAME/COMPANY:			PRINTED NAME/COMPANY:												



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8.1

Q1308

Laboratory Certification

Certified By	License No.
CAS EPA CLP Contract	68HERH20D0011
Connecticut	PH-0830
DOD ELAP (ANAB)	L2219
Maine	2024021
Maryland	296
New Hampshire	255424 Rev 1
New Jersey	20012
New York	11376
Pennsylvania	68-00548
Soil Permit	525-24-234-08441
Texas	T104704488