

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : NORTH POINT

ENTACT

606 E. Baltimore Pike

Floor 3

Media, PA - 19063

Phone No: 4844440702

ORDER ID : P4599

ATTENTION : Wyatt Seel



Laboratory Certification ID # 20012



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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : CHEMTECH Client : ENTACT
 Project Location : North Point Project Number : _____
 Laboratory Sample ID(s) : P4599 Sampling Date(s) : 10/28/2024
 List DKQP Methods Used (e.g., 8260,8270, et Cetra) **8015D,NJEPH**

1	For each analytical method referenced in this laboratory report package, were all specified QA/QC performance criteria followed, including the requirement to explain any criteria falling outside of acceptable guidelines, as specified in the NJDEP Data of Known Quality performance standards?	☒ Yes ☐ No
1A	Were the method specified handling, preservation, and holding time requirements met?	☒ Yes ☐ No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	☒ Yes ☐ No ☐ N/A
2	Were all samples received by the laboratory in a condition consistent with that described on the associated chain-of-custody document(s)?	☒ Yes ☐ No
3	Were samples received at an appropriate temperature (4±2° C)?	☒ Yes ☐ No ☐ N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	☐ Yes ☒ No
5	a)Were reporting limits specified or referenced on the chain-of-custody or communicated to the laboratory prior to sample receipt? b)Were these reporting limits met?	☒ Yes ☐ No ☒ Yes ☐ No ☐ N/A
6	For each analytical method referenced in this laboratory report package, were results reported for all constituents identified in the method-specific analyte lists presented in the DKQP documents and/or site-specific QAPP?	☒ Yes ☐ No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	☒ Yes ☐ No

Notes: For all questions to which the response was "No" (with the exception of question #7), additional information should be provided in an attached narrative. If the answer to question #1, #1A, or #1B is "No", the data package does not meet the requirements for "Data of Known Quality."

Cover Page

Order ID : P4599

Project ID : North Point

Client : ENTACT

Lab Sample Number

P4599-01
P4599-02
P4599-03
P4599-04
P4599-05
P4599-06
P4599-07
P4599-08
P4599-09

Client Sample Number

EX-1-TPH-1
EX-1-TPH-2
EX-1-TPH-3
EX-1-TPH-4
EX-1-TPH-5
EX-1-TPH-6
EX-1-TPH-7
EX-1-TPH-8
EX-1-TPH-9

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 : N. N. Pandya

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 3:01 pm, Nov 15, 2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ENTACT

Project Name: North Point

Project # N/A

Chemtech Project # P4599

Test Name: Gasoline Range Organics

A. Number of Samples and Date of Receipt:

9 Solid samples were received on 10/28/2024.

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-1-TPH-1 [Alpha,Alpha,Alpha-Trifluorotoluene - 207%], EX-1-TPH-3 [Alpha,Alpha,Alpha-Trifluorotoluene - 203%], EX-1-TPH-4 [Alpha,Alpha,Alpha-Trifluorotoluene - 1441%], EX-1-TPH-5 [Alpha,Alpha,Alpha-Trifluorotoluene - 173%], EX-1-TPH-8 [Alpha,Alpha,Alpha-Trifluorotoluene - 238%], EX-1-TPH-9 [Alpha,Alpha and Alpha-Trifluorotoluene - 179%] due to bad matrix.

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 .

Due to very high concentration, Samples EX-1-TPH-1, EX-1-TPH-2, EX-1-TPH-3, EX-1-TPH-4, EX-1-TPH-5, EX-1-TPH-6, EX-1-TPH-7, EX-1-TPH-8 and EX-1-TPH-9 were analyzed in Methanol and reported.



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2.1

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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Signature _____ N. N. Pandya

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 3:01 pm, Nov 15, 2024

CASE NARRATIVE

ENTACT

Project Name: North Point

Project # N/A

Chemtech Project # P4599

Test Name: Diesel Range Organics

A. Number of Samples and Date of Receipt:

9 Solid samples were received on 10/28/2024.

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 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-1-TPH-1 [Tetracosane-d50 - 0%], EX-1-TPH-2 [Tetracosane-d50 - 0%], EX-1-TPH-3 [Tetracosane-d50 - 0%], EX-1-TPH-4 [Tetracosane-d50 - 0%], EX-1-TPH-5 [Tetracosane-d50 - 0%], EX-1-TPH-6 [Tetracosane-d50 - 0%], EX-1-TPH-8 [Tetracosane-d50 - 0%] and EX-1-TPH-9 [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-1-TPH-1, EX-1-TPH-2, EX-1-TPH-3, EX-1-TPH-4, EX-1-TPH-5, EX-1-TPH-6, EX-1-TPH-8 and EX-1-TPH-9 were diluted due to bad matrices.

E. Additional Comments:

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



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2.2

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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Signature _____ *N. N. Pandya*

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 3:01 pm, Nov 15, 2024

CASE NARRATIVE

ENTACT

Project Name: North Point

Project # N/A

Chemtech Project # P4599

Test Name: EPH

A. Number of Samples and Date of Receipt:

9 Solid samples were received on 10/28/2024.

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_G. 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 Aromatic EX-1-TPH-1 [2-Fluorobiphenyl (SURR) - 154%],

EX-1-TPH-1DL [2-Bromonaphthalene (SURR) - 146%, 2-Fluorobiphenyl (SURR) - 141%],

EX-1-TPH-1DL2 [2-Bromonaphthalene (SURR) - 219%, 2-Fluorobiphenyl (SURR) - 212%],

EX-1-TPH-2 [2-Bromonaphthalene (SURR) - 155%, 2-Fluorobiphenyl (SURR) - 174%],

EX-1-TPH-2DL [2-Bromonaphthalene (SURR) - 168%, 2-Fluorobiphenyl (SURR) - 164%],

EX-1-TPH-2DL2 [2-Bromonaphthalene (SURR) - 215%, 2-Fluorobiphenyl (SURR) - 214%],

EX-1-TPH-3 [2-Bromonaphthalene (SURR) - 258%, 2-Fluorobiphenyl (SURR) - 170%],

EX-1-TPH-3DL [2-Bromonaphthalene (SURR) - 242%, 2-Fluorobiphenyl (SURR) - 242%],

EX-1-TPH-3DL2 [2-Bromonaphthalene (SURR) - 324%, 2-Fluorobiphenyl (SURR) - 288%],
EX-1-TPH-4 [2-Bromonaphthalene (SURR) - 178%, 2-Fluorobiphenyl (SURR) - 205%],
EX-1-TPH-4DL [2-Bromonaphthalene (SURR) - 198%, 2-Fluorobiphenyl (SURR) - 193%],
EX-1-TPH-4DL2 [2-Bromonaphthalene (SURR) - 235%, 2-Fluorobiphenyl (SURR) - 226%],
EX-1-TPH-5 [2-Bromonaphthalene (SURR) - 176%, 2-Fluorobiphenyl (SURR) - 150%],
EX-1-TPH-5DL [2-Bromonaphthalene (SURR) - 206%, 2-Fluorobiphenyl (SURR) - 212%],
EX-1-TPH-5DL2 [2-Bromonaphthalene (SURR) - 259%, 2-Fluorobiphenyl (SURR) - 259%],
EX-1-TPH-6 [2-Bromonaphthalene (SURR) - 155%],
EX-1-TPH-6DL [2-Bromonaphthalene (SURR) - 164%, 2-Fluorobiphenyl (SURR) - 146%],
EX-1-TPH-8 [2-Bromonaphthalene (SURR) - 215%, 2-Fluorobiphenyl (SURR) - 203%],
EX-1-TPH-8DL [2-Bromonaphthalene (SURR) - 248%, 2-Fluorobiphenyl (SURR) - 206%],
EX-1-TPH-9 [2-Bromonaphthalene (SURR) - 218%, 2-Fluorobiphenyl (SURR) - 197%],
EX-1-TPH-9DL [2-Bromonaphthalene (SURR) - 202%, 2-Fluorobiphenyl (SURR) - 188%, ortho-Terphenyl (SURR) - 141%],
EX-1-TPH-9DL2 [2-Bromonaphthalene (SURR) - 217%, 2-Fluorobiphenyl (SURR) - 200% and ortho-Terphenyl (SURR) - 153%], due to high concentration while, samples required dilution therefore samples were reanalyzed with dilution and reported.

For Aliphatic EX-1-TPH-1DL [1-chlorooctadecane (SURR) - 0%], EX-1-TPH-2DL [1-chlorooctadecane (SURR) - 0%], EX-1-TPH-3DL2 [1-chlorooctadecane (SURR) - 0%], EX-1-TPH-4DL2 [1-chlorooctadecane (SURR) - 0%], EX-1-TPH-5DL2 [1-chlorooctadecane (SURR) - 0%], EX-1-TPH-8DL2 [1-chlorooctadecane (SURR) - 0%], EX-1-TPH-9DL2 [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 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 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-1-TPH-1, EX-1-TPH-2, EX-1-TPH-3, EX-1-TPH-4, EX-1-TPH-5, EX-1-TPH-6, EX-1-TPH-8 and EX-1-TPH-9, EX-1-TPH-1DL, EX-1-TPH-2DL, EX-1-TPH-



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2.3

3DL, EX-1-TPH-4DL, EX-1-TPH-5DL, EX-1-TPH-8DL, EX-1-TPH-9DL, were diluted due to high concentrations.

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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Signature _____ N. N. Pandya

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 3:01 pm, Nov 15, 2024

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 #: P4599

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: 11/11/2024



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-1	SDG No.:	P4599
Lab Sample ID:	P4599-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	81.2
Sample Wt/Vol:	7.32	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
FB031069.D	100	10/29/24 17:58	FB102924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	50400		649	3790	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	41.4	*	50 - 150	207%	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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-2	SDG No.:	P4599
Lab Sample ID:	P4599-02	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	81.9
Sample Wt/Vol:	7.74	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
FB031080.D	200	10/29/24 23:43	FB102924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	94100		1220	7100	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	28.0		50 - 150	140%	SPK: 20

Comments:

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 D = Dilution
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Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3	SDG No.:	P4599
Lab Sample ID:	P4599-03	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	84.9
Sample Wt/Vol:	7.39	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
FB031081.D	200	10/30/24 0:09	FB102924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	140000		1230	7170	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	40.5	*	50 - 150	203%	SPK: 20

Comments:

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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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-4	SDG No.:	P4599
Lab Sample ID:	P4599-04	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86.4
Sample Wt/Vol:	6.96	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
FB031072.D	50	10/29/24 19:18	FB102924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	92900		321	1870	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto 288		*	50 - 150	1441%	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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-5	SDG No.:	P4599
Lab Sample ID:	P4599-05	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	84.1
Sample Wt/Vol:	7.33	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
FB031089.D	250	10/30/24 11:16	FB103024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	76000		1570	9130	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	34.6	*	50 - 150	173%	SPK: 20

Comments:

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 () = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-6	SDG No.:	P4599
Lab Sample ID:	P4599-06	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	82.2
Sample Wt/Vol:	5.78	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
FB031090.D	500	10/30/24 11:43	FB103024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	183000		4060	23700	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	25.4		50 - 150	127%	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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-7	SDG No.:	P4599
Lab Sample ID:	P4599-07	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	82.7
Sample Wt/Vol:	7.91	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
FB031077.D	50	10/29/24 22:23	FB102924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	3980		295	1720	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	21.4		50 - 150	107%	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

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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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-8	SDG No.:	P4599
Lab Sample ID:	P4599-08	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	84.4
Sample Wt/Vol:	6.5	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
FB031091.D	500	10/30/24 12:10	FB103024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	184000		3520	20600	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	47.6	*	50 - 150	238%	SPK: 20

Comments:

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 LOQ = Limit of Quantitation
 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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-9	SDG No.:	P4599
Lab Sample ID:	P4599-09	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	88.4
Sample Wt/Vol:	7.09	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
FB031092.D	250	10/30/24 12:36	FB103024

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	54700		1540	8980	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	35.9	*	50 - 150	179%	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

LAB CHRONICLE

OrderID:	P4599	OrderDate:	10/28/2024 3:59:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	K63

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4599-01	EX-1-TPH-1	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	
P4599-02	EX-1-TPH-2	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	
P4599-03	EX-1-TPH-3	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-04	EX-1-TPH-4	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-05	EX-1-TPH-5	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/31/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-06	EX-1-TPH-6	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/31/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-07	EX-1-TPH-7	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	

LAB CHRONICLE

P4599-08	EX-1-TPH-8	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/31/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-09	EX-1-TPH-9	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/31/24	
			Gasoline Range Organics	8015D			10/30/24	



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-1	SDG No.:	P4599
Lab Sample ID:	P4599-01	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	81.2
Sample Wt/Vol:	30.04	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
FF014852.D	50	10/30/24 08:00	10/30/24 22:21	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1240000		11400	102000	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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-2	SDG No.:	P4599
Lab Sample ID:	P4599-02	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	81.9
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		PH :	
Prep Method :	SW3541	Decanted:	
		Test:	Diesel Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014853.D	50	10/30/24 08:00	10/30/24 22:49	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	919000		11300	101000	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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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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3	SDG No.:	P4599
Lab Sample ID:	P4599-03	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	84.9
Sample Wt/Vol:	30.07	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
FF014854.D	250	10/30/24 08:00	10/30/24 23:17	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	4500000		54300	490000	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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-4	SDG No.:	P4599
Lab Sample ID:	P4599-04	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	86.4
Sample Wt/Vol:	30.03	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
FF014855.D	100	10/30/24 08:00	10/30/24 23:46	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	2270000		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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 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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-5	SDG No.:	P4599
Lab Sample ID:	P4599-05	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	84.1
Sample Wt/Vol:	30.08	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
FF014856.D	250	10/30/24 08:00	10/31/24 0:14	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	4820000		54800	494000	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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-6	SDG No.:	P4599
Lab Sample ID:	P4599-06	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	82.2
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		Test:	Diesel Range Organics
Prep Method :	SW3541	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014863.D	200	10/30/24 08:00	10/31/24 8:24	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	2350000		44800	404000	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

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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

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() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-7		SDG No.:	P4599	
Lab Sample ID:	P4599-07		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	82.7	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
FF014849.D	1	10/30/24 08:00	10/30/24 20:56	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	5480		223	2010	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	13.9		37 - 130	70%	SPK: 20

Comments:

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LOQ = Limit of Quantitation

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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-8	SDG No.:	P4599
Lab Sample ID:	P4599-08	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	84.4
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Final Vol:	1
GPC Factor :		PH :	
Prep Method :	SW3541	Decanted:	
		Test:	Diesel Range Organics
		Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FF014864.D	100	10/30/24 08:00	10/31/24 9:30	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1140000		21900	197000	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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 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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-9	SDG No.:	P4599
Lab Sample ID:	P4599-09	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	88.4
Sample Wt/Vol:	30.03	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
FF014865.D	100	10/30/24 08:00	10/31/24 9:58	PB164527

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	919000		20900	188000	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

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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

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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	P4599	OrderDate:	10/28/2024 3:59:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	K63

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4599-01	EX-1-TPH-1	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	
P4599-02	EX-1-TPH-2	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	
P4599-03	EX-1-TPH-3	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-04	EX-1-TPH-4	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-05	EX-1-TPH-5	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/31/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-06	EX-1-TPH-6	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/31/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-07	EX-1-TPH-7	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	

LAB CHRONICLE

P4599-08	EX-1-TPH-8	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/31/24	
			Gasoline Range Organics	8015D			10/30/24	
P4599-09	EX-1-TPH-9	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/31/24	
			Gasoline Range Organics	8015D			10/30/24	



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-1	SDG No.:	P4599
Lab Sample ID:	P4599-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 15:33	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	170		50	23.4	61.5	mg/kg FE050944.D
Aliphatic C12-C16	Aliphatic C12-C16	516		50	14.7	41.0	mg/kg FE050944.D
Aliphatic C16-C21	Aliphatic C16-C21	285		50	18.4	61.5	mg/kg FE050944.D
Aliphatic C21-C28	Aliphatic C21-C28	16.2		1	0.98	1.64	mg/kg FE050922.D
Aliphatic C28-C40	Aliphatic C28-C40	5.89		1	2.21	2.46	mg/kg FE050922.D
Aromatic C10-C12	Aromatic C10-C12	39.6		5	1.84	4.10	mg/kg FG014598.D
Aromatic C12-C16	Aromatic C12-C16	242		20	8.36	24.6	mg/kg FG014599.D
Aromatic C16-C21	Aromatic C16-C21	431		20	23.6	41.0	mg/kg FG014599.D
Aromatic C21-C36	Aromatic C21-C36	18.1		1	2.46	3.28	mg/kg FG014577.D
Total AliphaticEPH	Total AliphaticEPH	993			59.7	168	mg/kg
Total AromaticEPH	Total AromaticEPH	731			36.3	73.0	mg/kg
Total EPH	Total EPH	1720			96.0	241	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:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-1		SDG No.:	P4599	
Lab Sample ID:	P4599-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	81.2	
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
FE050922.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	146	E	0.47	1.23	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	410	E	0.30	0.82	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	233	E	0.37	1.23	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	16.2		0.98	1.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.89		2.21	2.46	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.8		40 - 140	46%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-01	Acq On:	31 Oct 2024 04:00
Client Sample ID:	EX-1-TPH-1	Operator:	YP\AJ
Data file:	FE050922.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	256367871	1790	300	ug/ml
Aliphatic C12-C16	6.763	10.194	726857867	5010	200	ug/ml
Aliphatic C16-C21	10.195	13.554	411853746	2850	300	ug/ml
Aliphatic C21-C28	13.555	17.208	28025467	197.147	400	ug/ml
Aliphatic C28-C40	17.209	22.057	9943133	71.894	600	ug/ml
Aliphatic EPH	3.144	22.057	1433048084	9920		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.293	13.293	2692972	22.77		ug/ml
Aliphatic C9-C28	3.144	17.208	1423104951	9850	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-1	SDG No.:	P4599
Lab Sample ID:	P4599-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.2
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
FG014577.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	37.6	E	0.37	0.82	mg/kg
Aromatic C12-C16	Aromatic C12-C16	177	E	0.42	1.23	mg/kg
Aromatic C16-C21	Aromatic C16-C21	320	E	1.18	2.05	mg/kg
Aromatic C21-C36	Aromatic C21-C36	18.1		2.46	3.28	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	69.1		40 - 140	138%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	77.0		40 - 140	154%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.3		40 - 140	49%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-01	Acq On:	30 Oct 2024 17:09
Client Sample ID:	EX-1-TPH-1	Operator:	YP\AJ
Data file:	FG014577.D	Misc:	
Instrument:	FID_G	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	64037916	459.067	200	ug/ml
Aromatic C12-C16	6.390	9.089	314996646	2170	300	ug/ml
Aromatic C16-C21	9.090	13.408	566632044	3910	500	ug/ml
Aromatic C21-C36	13.409	18.851	31328172	220.405	800	ug/ml
Aromatic EPH	4.519	18.851	976994778	6760		ug/ml
ortho-Terphenyl (SURR)	11.967	11.967	3603616	24.34		ug/ml
2-Bromonaphthalene (SURR)	8.021	8.021	8676460	69.12		ug/ml
2-Fluorobiphenyl (SURR)	8.899	8.899	6635609	77.04		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-1DL	SDG No.:	P4599
Lab Sample ID:	P4599-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.2
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
FE050944.D	50	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	170		23.4	61.5	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	516		14.7	41.0	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	285		18.4	61.5	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	18.7	J	49.2	81.9	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	110	U	110	122	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:	P4599-01DL	Acq On:	31 Oct 2024 15:33
Client Sample ID:	EX-1-TPH-1DL	Operator:	YP\AJ
Data file:	FE050944.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	5937631	41.551	300	ug/ml
Aliphatic C12-C16	6.762	10.193	18278781	125.958	200	ug/ml
Aliphatic C16-C21	10.194	13.552	10070656	69.741	300	ug/ml
Aliphatic C21-C28	13.553	17.208	648922	4.565	400	ug/ml
Aliphatic C28-C40	17.209	22.054	390484	2.823	600	ug/ml
Aliphatic EPH	3.144	22.054	35326474	244.638		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	3.144	17.208	34935990	241.815	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-1DL	SDG No.:	P4599
Lab Sample ID:	P4599-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.2
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
FG014598.D	5	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	39.6		1.84	4.10	mg/kg
Aromatic C12-C16	Aromatic C12-C16	196	E	2.09	6.15	mg/kg
Aromatic C16-C21	Aromatic C16-C21	338	E	5.90	10.2	mg/kg
Aromatic C21-C36	Aromatic C21-C36	19.0		12.3	16.4	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	14.6		40 - 140	146%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	14.1		40 - 140	141%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	4.90		40 - 140	49%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-01DL	Acq On:	31 Oct 2024 08:24
Client Sample ID:	EX-1-TPH-1DL	Operator:	YP\AJ
Data file:	FG014598.D	Misc:	
Instrument:	FID_G	ALS Vial:	34
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	13486102	96.677	200	ug/ml
Aromatic C12-C16	6.386	9.086	69754766	479.57	300	ug/ml
Aromatic C16-C21	9.087	13.404	119813822	827.288	500	ug/ml
Aromatic C21-C36	13.405	18.847	6590766	46.369	800	ug/ml
Aromatic EPH	4.516	18.847	209645456	1450		ug/ml
2-Bromonaphthalene (SURR)	8.012	8.012	1837343	14.64		ug/ml
2-Fluorobiphenyl (SURR)	8.886	8.886	1216163	14.12		ug/ml
ortho-Terphenyl (SURR)	11.957	11.957	726084	4.9		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-1DL2	SDG No.:	P4599
Lab Sample ID:	P4599-01DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.2
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
FG014599.D	20	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	46.1		7.37	16.4	mg/kg
Aromatic C12-C16	Aromatic C12-C16	242		8.36	24.6	mg/kg
Aromatic C16-C21	Aromatic C16-C21	431		23.6	41.0	mg/kg
Aromatic C21-C36	Aromatic C21-C36	49.2	U	49.2	65.6	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	5.47		40 - 140	219%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	5.30		40 - 140	212%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	1.92		40 - 140	77%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-01DL2	Acq On:	31 Oct 2024 09:30
Client Sample ID:	EX-1-TPH-1DL2	Operator:	YP\AJ
Data file:	FG014599.D	Misc:	
Instrument:	FID_G	ALS Vial:	35
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	3926134	28.145	200	ug/ml
Aromatic C12-C16	6.386	9.086	21542948	148.109	300	ug/ml
Aromatic C16-C21	9.087	13.404	38150874	263.423	500	ug/ml
Aromatic C21-C36	13.405	18.847	921913	6.486	800	ug/ml
Aromatic EPH	4.516	18.847	64541869	446.164		ug/ml
ortho-Terphenyl (SURR)	11.955	11.955	284541	1.92		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	687108	5.47		ug/ml
2-Fluorobiphenyl (SURR)	8.885	8.885	456323	5.3		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-2	SDG No.:	P4599
Lab Sample ID:	P4599-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.9
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
10/30/24 08:20	10/31/24 16:03	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	154		50	23.2	61.0	mg/kg FE050945.D
Aliphatic C12-C16	Aliphatic C12-C16	531		50	14.6	40.7	mg/kg FE050945.D
Aliphatic C16-C21	Aliphatic C16-C21	329		50	18.3	61.0	mg/kg FE050945.D
Aliphatic C21-C28	Aliphatic C21-C28	19.4		1	0.98	1.63	mg/kg FE050923.D
Aliphatic C28-C40	Aliphatic C28-C40	10.7		1	2.20	2.44	mg/kg FE050923.D
Aromatic C10-C12	Aromatic C10-C12	32.6		5	1.83	4.07	mg/kg FG014600.D
Aromatic C12-C16	Aromatic C12-C16	272		25	10.4	30.5	mg/kg FG014601.D
Aromatic C16-C21	Aromatic C16-C21	546		25	29.3	50.8	mg/kg FG014601.D
Aromatic C21-C36	Aromatic C21-C36	24.3		1	2.44	3.25	mg/kg FG014578.D
Total AliphaticEPH	Total AliphaticEPH	1040			59.3	167	mg/kg
Total AromaticEPH	Total AromaticEPH	875			44.0	88.6	mg/kg
Total EPH	Total EPH	1920			103	255	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:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-2		SDG No.:	P4599	
Lab Sample ID:	P4599-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	81.9	
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
FE050923.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	139	E	0.46	1.22	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	431	E	0.29	0.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	267	E	0.37	1.22	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	19.4		0.98	1.63	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.7		2.20	2.44	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.9		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-02	Acq On:	31 Oct 2024 04:30
Client Sample ID:	EX-1-TPH-2	Operator:	YP\AJ
Data file:	FE050923.D	Misc:	
Instrument:	FID_E	ALS Vial:	32
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	245376195	1720	300	ug/ml
Aliphatic C12-C16	6.763	10.194	770051434	5310	200	ug/ml
Aliphatic C16-C21	10.195	13.554	475310922	3290	300	ug/ml
Aliphatic C21-C28	13.555	17.208	33878414	238.32	400	ug/ml
Aliphatic C28-C40	17.209	22.057	18260305	132.031	600	ug/ml
Aliphatic EPH	3.144	22.057	1542877270	10700		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.293	13.293	4012177	33.92		ug/ml
Aliphatic C9-C28	3.144	17.208	1524616965	10600	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-2		SDG No.:	P4599	
Lab Sample ID:	P4599-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	81.9	
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
FG014578.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	30.4	E	0.37	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	216	E	0.42	1.22	mg/kg
Aromatic C16-C21	Aromatic C16-C21	438	E	1.17	2.03	mg/kg
Aromatic C21-C36	Aromatic C21-C36	24.3		2.44	3.25	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	77.5		40 - 140	155%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	86.9		40 - 140	174%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.1		40 - 140	76%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-02	Acq On:	30 Oct 2024 17:37
Client Sample ID:	EX-1-TPH-2	Operator:	YP\AJ
Data file:	FG014578.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	52228806	374.411	200	ug/ml
Aromatic C12-C16	6.390	9.089	387858774	2670	300	ug/ml
Aromatic C16-C21	9.090	13.408	780533148	5390	500	ug/ml
Aromatic C21-C36	13.409	18.851	42486458	298.908	800	ug/ml
Aromatic EPH	4.519	18.851	1263107186	8730		ug/ml
ortho-Terphenyl (SURR)	11.972	11.972	5647572	38.14		ug/ml
2-Bromonaphthalene (SURR)	8.023	8.023	9732669	77.53		ug/ml
2-Fluorobiphenyl (SURR)	8.902	8.902	7482412	86.87		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-2DL	SDG No.:	P4599
Lab Sample ID:	P4599-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.9
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
FE050945.D	50	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	154		23.2	61.0	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	531		14.6	40.7	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	329		18.3	61.0	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	20.0	J	48.8	81.3	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	109	U	109	121	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:	P4599-02DL	Acq On:	31 Oct 2024 16:03
Client Sample ID:	EX-1-TPH-2DL	Operator:	YP\AJ
Data file:	FE050945.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	5430561	38.003	300	ug/ml
Aliphatic C12-C16	6.762	10.193	18968946	130.714	200	ug/ml
Aliphatic C16-C21	10.194	13.552	11714985	81.128	300	ug/ml
Aliphatic C21-C28	13.553	17.208	700039	4.924	400	ug/ml
Aliphatic C28-C40	17.209	22.054	243526	1.761	600	ug/ml
Aliphatic EPH	3.144	22.054	37058057	256.53		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	3.144	17.208	36814531	254.769	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-2DL	SDG No.:	P4599
Lab Sample ID:	P4599-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.9
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
FG014600.D	5	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	32.6		1.83	4.07	mg/kg
Aromatic C12-C16	Aromatic C12-C16	256	E	2.07	6.10	mg/kg
Aromatic C16-C21	Aromatic C16-C21	479	E	5.85	10.2	mg/kg
Aromatic C21-C36	Aromatic C21-C36	25.8		12.2	16.3	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	16.8		40 - 140	168%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	16.4		40 - 140	164%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	8.53		40 - 140	85%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-02DL	Acq On:	31 Oct 2024 09:58
Client Sample ID:	EX-1-TPH-2DL	Operator:	YP\AJ
Data file:	FG014600.D	Misc:	
Instrument:	FID_G	ALS Vial:	36
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	11185214	80.183	200	ug/ml
Aromatic C12-C16	6.386	9.086	91801935	631.146	300	ug/ml
Aromatic C16-C21	9.087	13.404	170876983	1180	500	ug/ml
Aromatic C21-C36	13.405	18.847	9002164	63.334	800	ug/ml
Aromatic EPH	4.516	18.847	282866296	1950		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	2107534	16.79		ug/ml
2-Fluorobiphenyl (SURR)	8.885	8.885	1408143	16.35		ug/ml
ortho-Terphenyl (SURR)	11.957	11.957	1263350	8.53		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-2DL2	SDG No.:	P4599
Lab Sample ID:	P4599-02DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.9
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
FG014601.D	25	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	33.1		9.15	20.3	mg/kg
Aromatic C12-C16	Aromatic C12-C16	272		10.4	30.5	mg/kg
Aromatic C16-C21	Aromatic C16-C21	546		29.3	50.8	mg/kg
Aromatic C21-C36	Aromatic C21-C36	61.0	U	61.0	81.3	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	4.30		40 - 140	215%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	4.28		40 - 140	214%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.28		40 - 140	114%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-02DL2	Acq On:	31 Oct 2024 10:26
Client Sample ID:	EX-1-TPH-2DL2	Operator:	YP\AJ
Data file:	FG014601.D	Misc:	
Instrument:	FID_G	ALS Vial:	37
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	2269353	16.268	200	ug/ml
Aromatic C12-C16	6.386	9.086	19466372	133.833	300	ug/ml
Aromatic C16-C21	9.087	13.404	38915015	268.699	500	ug/ml
Aromatic C21-C36	13.405	18.847	852745	5.999	800	ug/ml
Aromatic EPH	4.516	18.847	61503485	424.8		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	539193	4.3		ug/ml
2-Fluorobiphenyl (SURR)	8.884	8.884	368274	4.28		ug/ml
ortho-Terphenyl (SURR)	11.955	11.955	337512	2.28		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3	SDG No.:	P4599
Lab Sample ID:	P4599-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 17:03	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	218		100	44.7	117	mg/kg FE050947.D
Aliphatic C12-C16	Aliphatic C12-C16	875		100	28.2	78.3	mg/kg FE050947.D
Aliphatic C16-C21	Aliphatic C16-C21	648		100	35.3	117	mg/kg FE050947.D
Aliphatic C21-C28	Aliphatic C21-C28	55.0		10	9.40	15.7	mg/kg FE050946.D
Aliphatic C28-C40	Aliphatic C28-C40	5.82		1	2.12	2.35	mg/kg FE050924.D
Aromatic C10-C12	Aromatic C10-C12	60.4		5	1.76	3.92	mg/kg FG014602.D
Aromatic C12-C16	Aromatic C12-C16	493		50	20.0	58.8	mg/kg FG014603.D
Aromatic C16-C21	Aromatic C16-C21	950		50	56.4	97.9	mg/kg FG014603.D
Aromatic C21-C36	Aromatic C21-C36	70.5		5	11.8	15.7	mg/kg FG014602.D
Total AliphaticEPH	Total AliphaticEPH	1800			120	330	mg/kg
Total AromaticEPH	Total AromaticEPH	1570			90.0	176	mg/kg
Total EPH	Total EPH	3380			210	507	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:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-3		SDG No.:	P4599	
Lab Sample ID:	P4599-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.9	
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
FE050924.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	200	E	0.45	1.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	720	E	0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	533	E	0.35	1.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	54.2	E	0.94	1.57	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.82		2.12	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.3		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-03	Acq On:	31 Oct 2024 05:00
Client Sample ID:	EX-1-TPH-3	Operator:	YP\AJ
Data file:	FE050924.D	Misc:	
Instrument:	FID_E	ALS Vial:	33
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	365636380	2560	300	ug/ml
Aliphatic C12-C16	6.763	10.194	1334483976	9200	200	ug/ml
Aliphatic C16-C21	10.195	13.554	982880667	6810	300	ug/ml
Aliphatic C21-C28	13.555	17.208	98295045	691.464	400	ug/ml
Aliphatic C28-C40	17.209	22.057	10280521	74.333	600	ug/ml
Aliphatic EPH	3.144	22.057	2791576589	19300		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.298	13.298	3346986	28.29		ug/ml
Aliphatic C9-C28	3.144	17.208	2781296068	19300	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-3		SDG No.:	P4599	
Lab Sample ID:	P4599-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.9	
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
FG014579.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	55.1	E	0.35	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	406	E	0.40	1.18	mg/kg
Aromatic C16-C21	Aromatic C16-C21	822	E	1.13	1.96	mg/kg
Aromatic C21-C36	Aromatic C21-C36	70.0	E	2.35	3.13	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	129		40 - 140	258%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	85.2		40 - 140	170%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.0		40 - 140	58%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-03	Acq On:	30 Oct 2024 18:06
Client Sample ID:	EX-1-TPH-3	Operator:	YP\AJ
Data file:	FG014579.D	Misc:	
Instrument:	FID_G	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	98187426	703.874	200	ug/ml
Aromatic C12-C16	6.390	9.089	754669930	5190	300	ug/ml
Aromatic C16-C21	9.090	13.408	1520064676	10500	500	ug/ml
Aromatic C21-C36	13.409	18.851	127052254	893.86	800	ug/ml
Aromatic EPH	4.519	18.851	2499974286	17300		ug/ml
ortho-Terphenyl (SURR)	11.981	11.981	4287743	28.96		ug/ml
2-Bromonaphthalene (SURR)	8.030	8.030	16170360	128.81		ug/ml
2-Fluorobiphenyl (SURR)	8.913	8.913	7335172	85.16		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-3DL		SDG No.:	P4599	
Lab Sample ID:	P4599-03DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.9	
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
FE050946.D	10	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	241	E	4.47	11.8	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	873	E	2.82	7.83	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	654	E	3.53	11.8	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	55.0		9.40	15.7	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.2	U	21.2	23.5	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	3.22		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-03DL	Acq On:	31 Oct 2024 16:33
Client Sample ID:	EX-1-TPH-3DL	Operator:	YP\AJ
Data file:	FE050946.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	44111648	308.689	300	ug/ml
Aliphatic C12-C16	6.762	10.193	161890578	1120	200	ug/ml
Aliphatic C16-C21	10.194	13.552	120704276	835.895	300	ug/ml
Aliphatic C21-C28	13.553	17.208	9988506	70.265	400	ug/ml
Aliphatic C28-C40	17.209	22.054	502721	3.635	600	ug/ml
Aliphatic EPH	3.144	22.054	337197729	2330		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.286	13.286	380903	3.22		ug/ml
Aliphatic C9-C28	3.144	17.208	336695008	2330	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3DL	SDG No.:	P4599
Lab Sample ID:	P4599-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
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
FG014602.D	5	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	60.4		1.76	3.92	mg/kg
Aromatic C12-C16	Aromatic C12-C16	427	E	2.00	5.88	mg/kg
Aromatic C16-C21	Aromatic C16-C21	870	E	5.64	9.79	mg/kg
Aromatic C21-C36	Aromatic C21-C36	70.5		11.8	15.7	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	24.2		40 - 140	242%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	24.2		40 - 140	242%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	6.33		40 - 140	63%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-03DL	Acq On:	31 Oct 2024 10:55
Client Sample ID:	EX-1-TPH-3DL	Operator:	YP\AJ
Data file:	FG014602.D	Misc:	
Instrument:	FID_G	ALS Vial:	38
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	21506480	154.173	200	ug/ml
Aromatic C12-C16	6.386	9.086	158914405	1090	300	ug/ml
Aromatic C16-C21	9.087	13.404	321957170	2220	500	ug/ml
Aromatic C21-C36	13.405	18.847	25591416	180.045	800	ug/ml
Aromatic EPH	4.516	18.847	527969471	3650		ug/ml
2-Bromonaphthalene (SURR)	8.014	8.014	3033729	24.17		ug/ml
2-Fluorobiphenyl (SURR)	8.889	8.889	2084701	24.2		ug/ml
ortho-Terphenyl (SURR)	11.958	11.958	937768	6.33		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3DL2	SDG No.:	P4599
Lab Sample ID:	P4599-03DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
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
FE050947.D	100	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	218		44.7	117	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	875		28.2	78.3	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	648		35.3	117	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	94.0	U	94.0	156	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	211	U	211	235	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:	P4599-03DL2	Acq On:	31 Oct 2024 17:03
Client Sample ID:	EX-1-TPH-3DL2	Operator:	YP\AJ
Data file:	FE050947.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	100	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	3985855	27.893	300	ug/ml
Aliphatic C12-C16	6.762	10.193	16220124	111.772	200	ug/ml
Aliphatic C16-C21	10.194	13.552	11954879	82.789	300	ug/ml
Aliphatic C21-C28	13.553	17.208	592184	4.166	400	ug/ml
Aliphatic C28-C40	17.209	22.054	0	0	600	ug/ml
Aliphatic EPH	3.144	22.054	32753042	226.619		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	3.144	17.208	32753042	226.62	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3DL2	SDG No.:	P4599
Lab Sample ID:	P4599-03DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
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
FG014603.D	50	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	67.2		17.6	39.2	mg/kg
Aromatic C12-C16	Aromatic C12-C16	493		20.0	58.8	mg/kg
Aromatic C16-C21	Aromatic C16-C21	950		56.4	97.9	mg/kg
Aromatic C21-C36	Aromatic C21-C36	117	U	117	156	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	3.24		40 - 140	324%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	2.88		40 - 140	288%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.88		40 - 140	88%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-03DL2	Acq On:	31 Oct 2024 11:23
Client Sample ID:	EX-1-TPH-3DL2	Operator:	YP\AJ
Data file:	FG014603.D	Misc:	
Instrument:	FID_G	ALS Vial:	39
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	2391602	17.145	200	ug/ml
Aromatic C12-C16	6.386	9.086	18320509	125.955	300	ug/ml
Aromatic C16-C21	9.087	13.404	35126828	242.543	500	ug/ml
Aromatic C21-C36	13.405	18.847	848432	5.969	800	ug/ml
Aromatic EPH	4.516	18.847	56687371	391.612		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	407304	3.24		ug/ml
2-Fluorobiphenyl (SURR)	8.882	8.882	248142	2.88		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	130264	0.88		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-4		SDG No.:	P4599	
Lab Sample ID:	P4599-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.4	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 17:34	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	197		10	4.40	11.6	mg/kg FE050948.D
Aliphatic C12-C16	Aliphatic C12-C16	711		50	13.9	38.6	mg/kg FE050949.D
Aliphatic C16-C21	Aliphatic C16-C21	404		50	17.4	57.9	mg/kg FE050949.D
Aliphatic C21-C28	Aliphatic C21-C28	22.7		1	0.93	1.54	mg/kg FE050925.D
Aliphatic C28-C40	Aliphatic C28-C40	5.45		1	2.08	2.31	mg/kg FE050925.D
Aromatic C10-C12	Aromatic C10-C12	97.8		25	8.68	19.3	mg/kg FG014605.D
Aromatic C12-C16	Aromatic C12-C16	480		25	9.83	28.9	mg/kg FG014605.D
Aromatic C16-C21	Aromatic C16-C21	807		25	27.8	48.2	mg/kg FG014605.D
Aromatic C21-C36	Aromatic C21-C36	29.8		1	2.31	3.09	mg/kg FG014580.D
Total AliphaticEPH	Total AliphaticEPH	1340			38.7	112	mg/kg
Total AromaticEPH	Total AromaticEPH	1410			48.6	99.5	mg/kg
Total EPH	Total EPH	2750			87.3	211	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:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-4		SDG No.:	P4599	
Lab Sample ID:	P4599-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.4	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050925.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	165	E	0.44	1.16	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	557	E	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	319	E	0.35	1.16	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	22.7		0.93	1.54	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.45		2.08	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.3		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-04	Acq On:	31 Oct 2024 05:30
Client Sample ID:	EX-1-TPH-4	Operator:	YP\AJ
Data file:	FE050925.D	Misc:	
Instrument:	FID_E	ALS Vial:	34
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	305942504	2140	300	ug/ml
Aliphatic C12-C16	6.763	10.194	1047967140	7220	200	ug/ml
Aliphatic C16-C21	10.195	13.554	597503021	4140	300	ug/ml
Aliphatic C21-C28	13.555	17.208	41868654	294.528	400	ug/ml
Aliphatic C28-C40	17.209	22.057	9772738	70.662	600	ug/ml
Aliphatic EPH	3.144	22.057	2003054057	13900		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.294	13.294	3350420	28.32		ug/ml
Aliphatic C9-C28	3.144	17.208	1993281319	13800	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-4		SDG No.:	P4599	
Lab Sample ID:	P4599-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.4	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014580.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	71.3	E	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	368	E	0.39	1.16	mg/kg
Aromatic C16-C21	Aromatic C16-C21	596	E	1.11	1.93	mg/kg
Aromatic C21-C36	Aromatic C21-C36	29.8		2.31	3.09	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	88.9		40 - 140	178%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	102		40 - 140	205%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.3		40 - 140	63%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-04	Acq On:	30 Oct 2024 18:34
Client Sample ID:	EX-1-TPH-4	Operator:	YP\AJ
Data file:	FG014580.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	129015495	924.87	200	ug/ml
Aromatic C12-C16	6.390	9.089	694395989	4770	300	ug/ml
Aromatic C16-C21	9.090	13.408	1120039292	7730	500	ug/ml
Aromatic C21-C36	13.409	18.851	54945831	386.565	800	ug/ml
Aromatic EPH	4.519	18.851	1998396607	13800		ug/ml
ortho-Terphenyl (SURR)	11.977	11.977	4637266	31.32		ug/ml
2-Bromonaphthalene (SURR)	8.026	8.026	11156736	88.87		ug/ml
2-Fluorobiphenyl (SURR)	8.909	8.909	8818332	102.38		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-4DL		SDG No.:	P4599	
Lab Sample ID:	P4599-04DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.4	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050948.D	10	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	197		4.40	11.6	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	670	E	2.78	7.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	386	E	3.47	11.6	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	21.5		9.26	15.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.8	U	20.8	23.1	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	3.19		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-04DL	Acq On:	31 Oct 2024 17:34
Client Sample ID:	EX-1-TPH-4DL	Operator:	YP\AJ
Data file:	FE050948.D	Misc:	
Instrument:	FID_E	ALS Vial:	21
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	36656235	256.517	300	ug/ml
Aliphatic C12-C16	6.762	10.193	126179318	869.493	200	ug/ml
Aliphatic C16-C21	10.194	13.552	72273011	500.501	300	ug/ml
Aliphatic C21-C28	13.553	17.208	3966065	27.9	400	ug/ml
Aliphatic C28-C40	17.209	22.054	940847	6.803	600	ug/ml
Aliphatic EPH	3.144	22.054	240015476	1660		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.288	13.288	377319	3.19		ug/ml
Aliphatic C9-C28	3.144	17.208	239074629	1650	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-4DL	SDG No.:	P4599
Lab Sample ID:	P4599-04DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014604.D	5	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	82.0	E	1.74	3.86	mg/kg
Aromatic C12-C16	Aromatic C12-C16	412	E	1.97	5.79	mg/kg
Aromatic C16-C21	Aromatic C16-C21	678	E	5.55	9.64	mg/kg
Aromatic C21-C36	Aromatic C21-C36	32.6		11.6	15.4	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	19.8		40 - 140	198%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	19.3		40 - 140	193%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	6.90		40 - 140	69%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-04DL	Acq On:	31 Oct 2024 11:51
Client Sample ID:	EX-1-TPH-4DL	Operator:	YP\AJ
Data file:	FG014604.D	Misc:	
Instrument:	FID_G	ALS Vial:	40
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	29675920	212.737	200	ug/ml
Aromatic C12-C16	6.386	9.086	155742217	1070	300	ug/ml
Aromatic C16-C21	9.087	13.404	254612017	1760	500	ug/ml
Aromatic C21-C36	13.405	18.847	12026038	84.608	800	ug/ml
Aromatic EPH	4.516	18.847	452056192	3130		ug/ml
2-Bromonaphthalene (SURRE)	8.012	8.012	2486526	19.81		ug/ml
2-Fluorobiphenyl (SURRE)	8.888	8.888	1659827	19.27		ug/ml
ortho-Terphenyl (SURRE)	11.956	11.956	1022166	6.9		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-4DL2		SDG No.:	P4599	
Lab Sample ID:	P4599-04DL2		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.4	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050949.D	50	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	200		22.0	57.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	711		13.9	38.6	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	404		17.4	57.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	22.6	J	46.3	77.1	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	104	U	104	115	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:	P4599-04DL2	Acq On:	31 Oct 2024 18:04
Client Sample ID:	EX-1-TPH-4DL2	Operator:	YP\AJ
Data file:	FE050949.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	7417379	51.906	300	ug/ml
Aliphatic C12-C16	6.762	10.193	26779862	184.538	200	ug/ml
Aliphatic C16-C21	10.194	13.552	15161024	104.992	300	ug/ml
Aliphatic C21-C28	13.553	17.208	831923	5.852	400	ug/ml
Aliphatic C28-C40	17.209	22.054	0	0	600	ug/ml
Aliphatic EPH	3.144	22.054	50190188	347.289		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	3.144	17.208	50190188	347.288	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-4DL2	SDG No.:	P4599
Lab Sample ID:	P4599-04DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014605.D	25	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	97.8		8.68	19.3	mg/kg
Aromatic C12-C16	Aromatic C12-C16	480		9.83	28.9	mg/kg
Aromatic C16-C21	Aromatic C16-C21	807		27.8	48.2	mg/kg
Aromatic C21-C36	Aromatic C21-C36	36.6	J	57.9	77.1	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	4.70		40 - 140	235%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	4.53		40 - 140	226%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	1.68		40 - 140	84%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-04DL2	Acq On:	31 Oct 2024 12:20
Client Sample ID:	EX-1-TPH-4DL2	Operator:	YP\AJ
Data file:	FG014605.D	Misc:	
Instrument:	FID_G	ALS Vial:	41
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	7076645	50.73	200	ug/ml
Aromatic C12-C16	6.386	9.086	36241808	249.165	300	ug/ml
Aromatic C16-C21	9.087	13.404	60629527	418.633	500	ug/ml
Aromatic C21-C36	13.405	18.847	2700340	18.998	800	ug/ml
Aromatic EPH	4.516	18.847	106648320	737.527		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	590600	4.7		ug/ml
2-Fluorobiphenyl (SURR)	8.884	8.884	390142	4.53		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	248172	1.68		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-5	SDG No.:	P4599
Lab Sample ID:	P4599-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.1
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 18:34	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	234		10	4.51	11.9	mg/kg FE050950.D
Aliphatic C12-C16	Aliphatic C12-C16	843		100	28.5	79.1	mg/kg FE050962.D
Aliphatic C16-C21	Aliphatic C16-C21	504		100	35.6	118	mg/kg FE050962.D
Aliphatic C21-C28	Aliphatic C21-C28	29.5		1	0.95	1.58	mg/kg FE050926.D
Aliphatic C28-C40	Aliphatic C28-C40	5.92		1	2.14	2.37	mg/kg FE050926.D
Aromatic C10-C12	Aromatic C10-C12	85.4		25	8.90	19.8	mg/kg FG014609.D
Aromatic C12-C16	Aromatic C12-C16	563		25	10.1	29.7	mg/kg FG014609.D
Aromatic C16-C21	Aromatic C16-C21	903		25	28.5	49.4	mg/kg FG014609.D
Aromatic C21-C36	Aromatic C21-C36	39.4		1	2.37	3.16	mg/kg FG014581.D
Total AliphaticEPH	Total AliphaticEPH	1620			71.7	213	mg/kg
Total AromaticEPH	Total AromaticEPH	1590			49.9	102	mg/kg
Total EPH	Total EPH	3210			122	315	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:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-5		SDG No.:	P4599	
Lab Sample ID:	P4599-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.1	
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
FE050926.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	192	E	0.45	1.19	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	706	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	427	E	0.36	1.19	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	29.5		0.95	1.58	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.92		2.14	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.5		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:	P4599-05	Acq On:	31 Oct 2024 05:59
Client Sample ID:	EX-1-TPH-5	Operator:	YP\AJ
Data file:	FE050926.D	Misc:	
Instrument:	FID_E	ALS Vial:	35
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	348447980	2440	300	ug/ml
Aliphatic C12-C16	6.763	10.194	1295994150	8930	200	ug/ml
Aliphatic C16-C21	10.195	13.554	780170575	5400	300	ug/ml
Aliphatic C21-C28	13.555	17.208	53095423	373.504	400	ug/ml
Aliphatic C28-C40	17.209	22.057	10354205	74.866	600	ug/ml
Aliphatic EPH	3.144	22.057	2488062333	17200		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.295	13.295	3487090	29.48		ug/ml
Aliphatic C9-C28	3.144	17.208	2477708128	17100	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-5		SDG No.:	P4599	
Lab Sample ID:	P4599-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.1	
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
FG014581.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	72.7	E	0.36	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	429	E	0.40	1.19	mg/kg
Aromatic C16-C21	Aromatic C16-C21	777	E	1.14	1.98	mg/kg
Aromatic C21-C36	Aromatic C21-C36	39.4		2.37	3.16	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	87.8		40 - 140	176%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	74.9		40 - 140	150%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.2		40 - 140	60%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-05	Acq On:	30 Oct 2024 19:02
Client Sample ID:	EX-1-TPH-5	Operator:	YP\AJ
Data file:	FG014581.D	Misc:	
Instrument:	FID_G	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	128108408	918.367	200	ug/ml
Aromatic C12-C16	6.390	9.089	790304490	5430	300	ug/ml
Aromatic C16-C21	9.090	13.408	1423734260	9830	500	ug/ml
Aromatic C21-C36	13.409	18.851	70792138	498.049	800	ug/ml
Aromatic EPH	4.519	18.851	2412939296	16700		ug/ml
ortho-Terphenyl (SURR)	11.983	11.983	4467121	30.17		ug/ml
2-Bromonaphthalene (SURR)	8.028	8.028	11019592	87.78		ug/ml
2-Fluorobiphenyl (SURR)	8.913	8.913	6450862	74.89		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-5DL	SDG No.:	P4599
Lab Sample ID:	P4599-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.1
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
FE050950.D	10	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	234		4.51	11.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	870	E	2.85	7.91	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	523	E	3.56	11.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	29.3		9.49	15.8	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.4	U	21.4	23.7	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	3.29		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-05DL	Acq On:	31 Oct 2024 18:34
Client Sample ID:	EX-1-TPH-5DL	Operator:	YP\AJ
Data file:	FE050950.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	42323103	296.173	300	ug/ml
Aliphatic C12-C16	6.762	10.193	159634749	1100	200	ug/ml
Aliphatic C16-C21	10.194	13.552	95596098	662.017	300	ug/ml
Aliphatic C21-C28	13.553	17.208	5260621	37.006	400	ug/ml
Aliphatic C28-C40	17.209	22.054	1119369	8.094	600	ug/ml
Aliphatic EPH	3.144	22.054	303933940	2100		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.286	13.286	388756	3.29		ug/ml
Aliphatic C9-C28	3.144	17.208	302814571	2100	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-5DL	SDG No.:	P4599
Lab Sample ID:	P4599-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.1
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
FG014606.D	5	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	88.6	E	1.78	3.96	mg/kg
Aromatic C12-C16	Aromatic C12-C16	536	E	2.02	5.93	mg/kg
Aromatic C16-C21	Aromatic C16-C21	922	E	5.70	9.89	mg/kg
Aromatic C21-C36	Aromatic C21-C36	45.1		11.9	15.8	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	20.6		40 - 140	206%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	21.2		40 - 140	212%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	7.51		40 - 140	75%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-05DL	Acq On:	31 Oct 2024 12:48
Client Sample ID:	EX-1-TPH-5DL	Operator:	YP\AJ
Data file:	FG014606.D	Misc:	
Instrument:	FID_G	ALS Vial:	42
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	31252574	224.04	200	ug/ml
Aromatic C12-C16	6.386	9.086	197275476	1360	300	ug/ml
Aromatic C16-C21	9.087	13.404	337631411	2330	500	ug/ml
Aromatic C21-C36	13.405	18.847	16193816	113.93	800	ug/ml
Aromatic EPH	4.516	18.847	582353277	4030		ug/ml
2-Bromonaphthalene (SURR)	8.013	8.013	2589324	20.63		ug/ml
2-Fluorobiphenyl (SURR)	8.889	8.889	1827750	21.22		ug/ml
ortho-Terphenyl (SURR)	11.960	11.960	1112200	7.51		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-5DL2	SDG No.:	P4599
Lab Sample ID:	P4599-05DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.1
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
FE050962.D	100	10/30/24	11/01/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	191		45.1	118	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	843		28.5	79.1	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	504		35.6	118	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	94.9	U	94.9	158	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	213	U	213	237	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:	P4599-05DL2	Acq On:	01 Nov 2024 11:24
Client Sample ID:	EX-1-TPH-5DL2	Operator:	YP\AJ
Data file:	FE050962.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	100	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.143	22.051	28656732	198.233		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-C12	3.143	6.761	3459602	24.21	300	ug/ml
Aliphatic C12-C16	6.762	10.193	15463437	106.557	200	ug/ml
Aliphatic C16-C21	10.194	13.552	9202030	63.725	300	ug/ml
Aliphatic C21-C28	13.553	17.208	531663	3.74	400	ug/ml
Aliphatic C28-C40	17.209	22.051	0	0	600	ug/ml
Aliphatic C9-C28	3.143	17.208	28656732	198.232	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-5DL2	SDG No.:	P4599
Lab Sample ID:	P4599-05DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.1
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
FG014609.D	25	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	85.4		8.90	19.8	mg/kg
Aromatic C12-C16	Aromatic C12-C16	563		10.1	29.7	mg/kg
Aromatic C16-C21	Aromatic C16-C21	903		28.5	49.4	mg/kg
Aromatic C21-C36	Aromatic C21-C36	59.3	U	59.3	79.1	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	5.18		40 - 140	259%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	5.18		40 - 140	259%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	1.88		40 - 140	94%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-05DL2	Acq On:	31 Oct 2024 14:13
Client Sample ID:	EX-1-TPH-5DL2	Operator:	YP\AJ
Data file:	FG014609.D	Misc:	
Instrument:	FID_G	ALS Vial:	43
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	6020171	43.157	200	ug/ml
Aromatic C12-C16	6.386	9.086	41415042	284.732	300	ug/ml
Aromatic C16-C21	9.087	13.404	66128396	456.602	500	ug/ml
Aromatic C21-C36	13.405	18.847	1291302	9.085	800	ug/ml
Aromatic EPH	4.516	18.847	114854911	793.575		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	650672	5.18		ug/ml
2-Fluorobiphenyl (SURR)	8.883	8.883	446502	5.18		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	278486	1.88		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-6	SDG No.:	P4599
Lab Sample ID:	P4599-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.2
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
10/30/24 08:20	10/31/24 19:35	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	130		25	11.5	30.4	mg/kg	FE050952.D
Aliphatic C12-C16	Aliphatic C12-C16	273		25	7.29	20.3	mg/kg	FE050952.D
Aliphatic C16-C21	Aliphatic C16-C21	138		25	9.12	30.4	mg/kg	FE050952.D
Aliphatic C21-C28	Aliphatic C21-C28	7.67		1	0.97	1.62	mg/kg	FE050927.D
Aliphatic C28-C40	Aliphatic C28-C40	5.20		1	2.19	2.43	mg/kg	FE050927.D
Aromatic C10-C12	Aromatic C10-C12	60.9		10	3.65	8.10	mg/kg	FG014610.D
Aromatic C12-C16	Aromatic C12-C16	189		10	4.13	12.2	mg/kg	FG014610.D
Aromatic C16-C21	Aromatic C16-C21	248		10	11.7	20.3	mg/kg	FG014610.D
Aromatic C21-C36	Aromatic C21-C36	9.53		1	2.43	3.24	mg/kg	FG014582.D
Total AliphaticEPH	Total AliphaticEPH	554			31.1	85.2	mg/kg	
Total AromaticEPH	Total AromaticEPH	507			21.9	43.8	mg/kg	
Total EPH	Total EPH	1060			53.0	129	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:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-6		SDG No.:	P4599	
Lab Sample ID:	P4599-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	82.2	
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
FE050927.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	124	E	0.46	1.22	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	245	E	0.29	0.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	130	E	0.37	1.22	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	7.67		0.97	1.62	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.20		2.19	2.43	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.1		40 - 140	50%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-06	Acq On:	31 Oct 2024 06:29
Client Sample ID:	EX-1-TPH-6	Operator:	YP\AJ
Data file:	FE050927.D	Misc:	
Instrument:	FID_E	ALS Vial:	36
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	219048599	1530	300	ug/ml
Aliphatic C12-C16	6.763	10.194	439267828	3030	200	ug/ml
Aliphatic C16-C21	10.195	13.554	232514578	1610	300	ug/ml
Aliphatic C21-C28	13.555	17.208	13459051	94.679	400	ug/ml
Aliphatic C28-C40	17.209	22.057	8879908	64.206	600	ug/ml
Aliphatic EPH	3.144	22.057	913169964	6330		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.290	13.290	2974965	25.15		ug/ml
Aliphatic C9-C28	3.144	17.208	904290056	6260	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-6		SDG No.:	P4599	
Lab Sample ID:	P4599-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	82.2	
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
FG014582.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	53.8	E	0.37	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	166	E	0.41	1.22	mg/kg
Aromatic C16-C21	Aromatic C16-C21	221	E	1.17	2.03	mg/kg
Aromatic C21-C36	Aromatic C21-C36	9.53		2.43	3.24	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	77.7		40 - 140	155%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	69.4		40 - 140	139%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.9		40 - 140	52%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-06	Acq On:	30 Oct 2024 19:31
Client Sample ID:	EX-1-TPH-6	Operator:	YP\AJ
Data file:	FG014582.D	Misc:	
Instrument:	FID_G	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	92650171	664.179	200	ug/ml
Aromatic C12-C16	6.390	9.089	298245517	2050	300	ug/ml
Aromatic C16-C21	9.090	13.408	395576094	2730	500	ug/ml
Aromatic C21-C36	13.409	18.851	16721622	117.643	800	ug/ml
Aromatic EPH	4.519	18.851	803193404	5560		ug/ml
ortho-Terphenyl (SURR)	11.965	11.965	3835655	25.91		ug/ml
2-Bromonaphthalene (SURR)	8.020	8.020	9758643	77.74		ug/ml
2-Fluorobiphenyl (SURR)	8.898	8.898	5980480	69.43		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-6DL		SDG No.:	P4599	
Lab Sample ID:	P4599-06DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	82.2	
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
FE050952.D	25	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	130		11.5	30.4	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	273		7.29	20.3	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	138		9.12	30.4	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.52	J	24.3	40.5	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	54.7	U	54.7	60.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.03		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-06DL	Acq On:	31 Oct 2024 19:35
Client Sample ID:	EX-1-TPH-6DL	Operator:	YP\AJ
Data file:	FE050952.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	9183734	64.267	300	ug/ml
Aliphatic C12-C16	6.762	10.193	19610757	135.136	200	ug/ml
Aliphatic C16-C21	10.194	13.552	9902594	68.577	300	ug/ml
Aliphatic C21-C28	13.553	17.208	667641	4.697	400	ug/ml
Aliphatic C28-C40	17.209	22.054	341764	2.471	600	ug/ml
Aliphatic EPH	3.144	22.054	39706490	275.148		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.288	13.288	122211	1.03		ug/ml
Aliphatic C9-C28	3.144	17.208	39364726	272.677	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-6DL	SDG No.:	P4599
Lab Sample ID:	P4599-06DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.2
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
FG014610.D	10	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	60.9		3.65	8.10	mg/kg
Aromatic C12-C16	Aromatic C12-C16	189		4.13	12.2	mg/kg
Aromatic C16-C21	Aromatic C16-C21	248		11.7	20.3	mg/kg
Aromatic C21-C36	Aromatic C21-C36	24.3	U	24.3	32.4	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	8.22		40 - 140	164%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	7.31		40 - 140	146%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.92		40 - 140	58%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-06DL	Acq On:	31 Oct 2024 14:41
Client Sample ID:	EX-1-TPH-6DL	Operator:	YP\AJ
Data file:	FG014610.D	Misc:	
Instrument:	FID_G	ALS Vial:	44
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	10485488	75.167	200	ug/ml
Aromatic C12-C16	6.386	9.086	34050697	234.101	300	ug/ml
Aromatic C16-C21	9.087	13.404	44404412	306.603	500	ug/ml
Aromatic C21-C36	13.405	18.847	1706735	12.008	800	ug/ml
Aromatic EPH	4.516	18.847	90647332	627.878		ug/ml
ortho-Terphenyl (SURR)	11.953	11.953	432973	2.92		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	1032049	8.22		ug/ml
2-Flurobiphenyl (SURR)	8.884	8.884	629401	7.31		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-7		SDG No.:	P4599	
Lab Sample ID:	P4599-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	82.7	
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
10/30/24 08:20	10/31/24 7:00	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	1.14	J	1	0.46	1.21	mg/kg	FE050928.D
Aliphatic C12-C16	Aliphatic C12-C16	1.84		1	0.29	0.81	mg/kg	FE050928.D
Aliphatic C16-C21	Aliphatic C16-C21	1.16	J	1	0.36	1.21	mg/kg	FE050928.D
Aliphatic C21-C28	Aliphatic C21-C28	0.97	U	1	0.97	1.61	mg/kg	FE050928.D
Aliphatic C28-C40	Aliphatic C28-C40	7.88		1	2.17	2.41	mg/kg	FE050928.D
Aromatic C10-C12	Aromatic C10-C12	0.74	J	1	0.36	0.81	mg/kg	FG014583.D
Aromatic C12-C16	Aromatic C12-C16	2.10		1	0.41	1.21	mg/kg	FG014583.D
Aromatic C16-C21	Aromatic C16-C21	7.04		1	1.16	2.01	mg/kg	FG014583.D
Aromatic C21-C36	Aromatic C21-C36	2.41	U	1	2.41	3.22	mg/kg	FG014583.D
Total AliphaticEPH	Total AliphaticEPH	12.0			4.25	7.25	mg/kg	
Total AromaticEPH	Total AromaticEPH	9.88			4.34	7.25	mg/kg	
Total EPH	Total EPH	21.9			8.59	14.5	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:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-7		SDG No.:	P4599	
Lab Sample ID:	P4599-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	82.7	
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
FE050928.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1.14	J	0.46	1.21	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.84		0.29	0.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	1.16	J	0.36	1.21	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.97	U	0.97	1.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.88		2.17	2.41	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.9		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-07	Acq On:	31 Oct 2024 07:00
Client Sample ID:	EX-1-TPH-7	Operator:	YP\AJ
Data file:	FE050928.D	Misc:	
Instrument:	FID_E	ALS Vial:	37
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	2016410	14.111	300	ug/ml
Aliphatic C12-C16	6.763	10.194	3320664	22.882	200	ug/ml
Aliphatic C16-C21	10.195	13.554	2084304	14.434	300	ug/ml
Aliphatic C21-C28	13.555	17.208	1447576	10.183	400	ug/ml
Aliphatic C28-C40	17.209	22.057	13541192	97.909	600	ug/ml
Aliphatic EPH	3.144	22.057	22410146	159.52		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.289	13.289	3541512	29.94		ug/ml
Aliphatic C9-C28	3.144	17.208	8868954	61.61	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-7		SDG No.:	P4599	
Lab Sample ID:	P4599-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	82.7	
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
FG014583.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.74	J	0.36	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	2.10		0.41	1.21	mg/kg
Aromatic C16-C21	Aromatic C16-C21	7.04		1.16	2.01	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.41	U	2.41	3.22	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	64.5		40 - 140	129%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	61.5		40 - 140	123%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.1		40 - 140	52%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-07	Acq On:	30 Oct 2024 19:59
Client Sample ID:	EX-1-TPH-7	Operator:	YP\AJ
Data file:	FG014583.D	Misc:	
Instrument:	FID_G	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	1278146	9.163	200	ug/ml
Aromatic C12-C16	6.390	9.089	3798551	26.115	300	ug/ml
Aromatic C16-C21	9.090	13.408	12660083	87.415	500	ug/ml
Aromatic C21-C36	13.409	18.851	2105478	14.813	800	ug/ml
Aromatic EPH	4.519	18.851	19842258	137.506		ug/ml
ortho-Terphenyl (SURR)	11.959	11.959	3864462	26.1		ug/ml
2-Bromonaphthalene (SURR)	8.015	8.015	8099783	64.52		ug/ml
2-Fluorobiphenyl (SURR)	8.890	8.890	5298314	61.51		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-8	SDG No.:	P4599
Lab Sample ID:	P4599-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.4
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 20:05	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	160		10	4.50	11.8	mg/kg FE050953.D
Aliphatic C12-C16	Aliphatic C12-C16	527		50	14.2	39.4	mg/kg FE050954.D
Aliphatic C16-C21	Aliphatic C16-C21	301		50	17.7	59.2	mg/kg FE050954.D
Aliphatic C21-C28	Aliphatic C21-C28	16.1		1	0.95	1.58	mg/kg FE050929.D
Aliphatic C28-C40	Aliphatic C28-C40	6.65		1	2.13	2.37	mg/kg FE050929.D
Aromatic C10-C12	Aromatic C10-C12	59.8		20	7.10	15.8	mg/kg FG014611.D
Aromatic C12-C16	Aromatic C12-C16	275		20	8.05	23.7	mg/kg FG014611.D
Aromatic C16-C21	Aromatic C16-C21	548		20	22.7	39.4	mg/kg FG014611.D
Aromatic C21-C36	Aromatic C21-C36	20.6		1	2.37	3.16	mg/kg FG014584.D
Total AliphaticEPH	Total AliphaticEPH	1010			39.5	114	mg/kg
Total AromaticEPH	Total AromaticEPH	903			40.2	82.1	mg/kg
Total EPH	Total EPH	1910			79.7	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:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-8		SDG No.:	P4599	
Lab Sample ID:	P4599-08		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.4	
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
FE050929.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	143	E	0.45	1.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	448	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	264	E	0.36	1.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	16.1		0.95	1.58	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.65		2.13	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.8		40 - 140	84%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-08	Acq On:	31 Oct 2024 07:30
Client Sample ID:	EX-1-TPH-8	Operator:	YP\AJ
Data file:	FE050929.D	Misc:	
Instrument:	FID_E	ALS Vial:	38
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	260390075	1820	300	ug/ml
Aliphatic C12-C16	6.763	10.194	824183022	5680	200	ug/ml
Aliphatic C16-C21	10.195	13.554	483343950	3350	300	ug/ml
Aliphatic C21-C28	13.555	17.208	28969554	203.789	400	ug/ml
Aliphatic C28-C40	17.209	22.057	11660119	84.308	600	ug/ml
Aliphatic EPH	3.144	22.057	1608546720	11100		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.293	13.293	4945288	41.81		ug/ml
Aliphatic C9-C28	3.144	17.208	1596886601	11100	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-8	SDG No.:	P4599
Lab Sample ID:	P4599-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.4
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
FG014584.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	54.1	E	0.36	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	244	E	0.40	1.18	mg/kg
Aromatic C16-C21	Aromatic C16-C21	452	E	1.14	1.97	mg/kg
Aromatic C21-C36	Aromatic C21-C36	20.6		2.37	3.16	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	107		40 - 140	215%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	101		40 - 140	203%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	52.2		40 - 140	104%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-08	Acq On:	30 Oct 2024 20:27
Client Sample ID:	EX-1-TPH-8	Operator:	YP\AJ
Data file:	FG014584.D	Misc:	
Instrument:	FID_G	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	95638061	685.598	200	ug/ml
Aromatic C12-C16	6.390	9.089	450469652	3100	300	ug/ml
Aromatic C16-C21	9.090	13.408	830116040	5730	500	ug/ml
Aromatic C21-C36	13.409	18.851	37129134	261.217	800	ug/ml
Aromatic EPH	4.519	18.851	1413352887	9780		ug/ml
ortho-Terphenyl (SURR)	11.972	11.972	7726725	52.19		ug/ml
2-Bromonaphthalene (SURR)	8.024	8.024	13480282	107.38		ug/ml
2-Fluorobiphenyl (SURR)	8.904	8.904	8735987	101.42		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-8DL		SDG No.:	P4599	
Lab Sample ID:	P4599-08DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.4	
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
FE050953.D	10	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	160		4.50	11.8	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	513	E	2.84	7.89	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	308	E	3.55	11.8	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	17.0		9.47	15.8	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.77	J	21.3	23.7	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.41		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:	P4599-08DL	Acq On:	31 Oct 2024 20:05
Client Sample ID:	EX-1-TPH-8DL	Operator:	YP\AJ
Data file:	FE050953.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	29145406	203.957	300	ug/ml
Aliphatic C12-C16	6.762	10.193	94475138	651.022	200	ug/ml
Aliphatic C16-C21	10.194	13.552	56385745	390.48	300	ug/ml
Aliphatic C21-C28	13.553	17.208	3059475	21.522	400	ug/ml
Aliphatic C28-C40	17.209	22.054	1363081	9.856	600	ug/ml
Aliphatic EPH	3.144	22.054	184428845	1280		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.286	13.286	521929	4.41		ug/ml
Aliphatic C9-C28	3.144	17.208	183065764	1270	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-8DL	SDG No.:	P4599
Lab Sample ID:	P4599-08DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.4
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
FG014611.D	20	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	59.8		7.10	15.8	mg/kg
Aromatic C12-C16	Aromatic C12-C16	275		8.05	23.7	mg/kg
Aromatic C16-C21	Aromatic C16-C21	548		22.7	39.4	mg/kg
Aromatic C21-C36	Aromatic C21-C36	20.8	J	47.3	63.1	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	6.21		40 - 140	248%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	5.15		40 - 140	206%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.30		40 - 140	132%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-08DL	Acq On:	31 Oct 2024 15:10
Client Sample ID:	EX-1-TPH-8DL	Operator:	YP\AJ
Data file:	FG014611.D	Misc:	
Instrument:	FID_G	ALS Vial:	45
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	5284837	37.885	200	ug/ml
Aromatic C12-C16	6.386	9.086	25385743	174.529	300	ug/ml
Aromatic C16-C21	9.087	13.404	50388506	347.921	500	ug/ml
Aromatic C21-C36	13.405	18.847	1873893	13.184	800	ug/ml
Aromatic EPH	4.516	18.847	82932979	573.519		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	488241	3.3		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	780117	6.21		ug/ml
2-Fluorobiphenyl (SURR)	8.883	8.883	443506	5.15		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-8DL2	SDG No.:	P4599
Lab Sample ID:	P4599-08DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.4
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
FE050954.D	50	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	152		22.5	59.2	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	527		14.2	39.4	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	301		17.7	59.2	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	20.5	J	47.3	78.9	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	106	U	106	118	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:	P4599-08DL2	Acq On:	31 Oct 2024 20:35
Client Sample ID:	EX-1-TPH-8DL2	Operator:	YP\AJ
Data file:	FE050954.D	Misc:	
Instrument:	FID_E	ALS Vial:	27
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	5536364	38.743	300	ug/ml
Aliphatic C12-C16	6.762	10.193	19413985	133.78	200	ug/ml
Aliphatic C16-C21	10.194	13.552	11052228	76.538	300	ug/ml
Aliphatic C21-C28	13.553	17.208	737360	5.187	400	ug/ml
Aliphatic C28-C40	17.209	22.054	0	0	600	ug/ml
Aliphatic EPH	3.144	22.054	36739937	254.249		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	3.144	17.208	36739937	254.248	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-9	SDG No.:	P4599
Lab Sample ID:	P4599-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.4
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 21:06	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	159		10	4.29	11.3	mg/kg FE050955.D
Aliphatic C12-C16	Aliphatic C12-C16	503		50	13.5	37.6	mg/kg FE050956.D
Aliphatic C16-C21	Aliphatic C16-C21	288		50	16.9	56.4	mg/kg FE050956.D
Aliphatic C21-C28	Aliphatic C21-C28	15.5		1	0.90	1.50	mg/kg FE050930.D
Aliphatic C28-C40	Aliphatic C28-C40	5.90		1	2.03	2.26	mg/kg FE050930.D
Aromatic C10-C12	Aromatic C10-C12	64.2		5	1.69	3.76	mg/kg FG014612.D
Aromatic C12-C16	Aromatic C12-C16	316		20	7.67	22.6	mg/kg FG014613.D
Aromatic C16-C21	Aromatic C16-C21	493		20	21.7	37.6	mg/kg FG014613.D
Aromatic C21-C36	Aromatic C21-C36	20.8		1	2.26	3.01	mg/kg FG014585.D
Total AliphaticEPH	Total AliphaticEPH	971			37.6	109	mg/kg
Total AromaticEPH	Total AromaticEPH	894			33.3	67.0	mg/kg
Total EPH	Total EPH	1870			70.9	176	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:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-9		SDG No.:	P4599	
Lab Sample ID:	P4599-09		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.4	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050930.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	136	E	0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	409	E	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	238	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	5.90		2.03	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.3		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-09	Acq On:	31 Oct 2024 08:00
Client Sample ID:	EX-1-TPH-9	Operator:	YP\AJ
Data file:	FE050930.D	Misc:	
Instrument:	FID_E	ALS Vial:	39
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	259054528	1810	300	ug/ml
Aliphatic C12-C16	6.763	10.194	789173519	5440	200	ug/ml
Aliphatic C16-C21	10.195	13.554	457774475	3170	300	ug/ml
Aliphatic C21-C28	13.555	17.208	29304002	206.141	400	ug/ml
Aliphatic C28-C40	17.209	22.057	10856115	78.495	600	ug/ml
Aliphatic EPH	3.144	22.057	1546162639	10800		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.293	13.293	5124318	43.32		ug/ml
Aliphatic C9-C28	3.144	17.208	1535306524	10600	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-9		SDG No.:	P4599	
Lab Sample ID:	P4599-09		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.4	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014585.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	56.4	E	0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	263	E	0.38	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	465	E	1.08	1.88	mg/kg
Aromatic C21-C36	Aromatic C21-C36	20.8		2.26	3.01	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	109		40 - 140	218%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	98.7		40 - 140	197%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	60.8		40 - 140	122%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-09	Acq On:	30 Oct 2024 20:56
Client Sample ID:	EX-1-TPH-9	Operator:	YP\AJ
Data file:	FG014585.D	Misc:	
Instrument:	FID_G	ALS Vial:	29
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	104637052	750.109	200	ug/ml
Aromatic C12-C16	6.390	9.089	510014824	3510	300	ug/ml
Aromatic C16-C21	9.090	13.408	896598357	6190	500	ug/ml
Aromatic C21-C36	13.409	18.851	39252499	276.156	800	ug/ml
Aromatic EPH	4.519	18.851	1550502732	10700		ug/ml
ortho-Terphenyl (SURR)	11.976	11.976	9002585	60.8		ug/ml
2-Bromonaphthalene (SURR)	8.024	8.024	13670056	108.89		ug/ml
2-Fluorobiphenyl (SURR)	8.906	8.906	8504312	98.73		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-9DL		SDG No.:	P4599	
Lab Sample ID:	P4599-09DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.4	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050955.D	10	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	159		4.29	11.3	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	485	E	2.71	7.52	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	286	E	3.38	11.3	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.2		9.03	15.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.3	U	20.3	22.6	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.77		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-09DL	Acq On:	31 Oct 2024 21:06
Client Sample ID:	EX-1-TPH-9DL	Operator:	YP\AJ
Data file:	FE050955.D	Misc:	
Instrument:	FID_E	ALS Vial:	28
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	30229561	211.544	300	ug/ml
Aliphatic C12-C16	6.762	10.193	93694153	645.64	200	ug/ml
Aliphatic C16-C21	10.194	13.552	54946864	380.515	300	ug/ml
Aliphatic C21-C28	13.553	17.208	2873149	20.211	400	ug/ml
Aliphatic C28-C40	17.209	22.054	1149763	8.313	600	ug/ml
Aliphatic EPH	3.144	22.054	182893490	1270		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.286	13.286	564832	4.77		ug/ml
Aliphatic C9-C28	3.144	17.208	181743727	1260	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-9DL	SDG No.:	P4599
Lab Sample ID:	P4599-09DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014612.D	5	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	64.2		1.69	3.76	mg/kg
Aromatic C12-C16	Aromatic C12-C16	313	E	1.92	5.64	mg/kg
Aromatic C16-C21	Aromatic C16-C21	526	E	5.42	9.40	mg/kg
Aromatic C21-C36	Aromatic C21-C36	23.3		11.3	15.0	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	20.2		40 - 140	202%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	18.8		40 - 140	188%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	14.1		40 - 140	141%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-09DL	Acq On:	31 Oct 2024 15:38
Client Sample ID:	EX-1-TPH-9DL	Operator:	YP\AJ
Data file:	FG014612.D	Misc:	
Instrument:	FID_G	ALS Vial:	46
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	23820763	170.763	200	ug/ml
Aromatic C12-C16	6.386	9.086	121188881	833.183	300	ug/ml
Aromatic C16-C21	9.087	13.404	202775168	1400	500	ug/ml
Aromatic C21-C36	13.405	18.847	8814375	62.012	800	ug/ml
Aromatic EPH	4.516	18.847	356599187	2470		ug/ml
2-Fluorobiphenyl (SURR)	8.886	8.886	1616731	18.77		ug/ml
ortho-Terphenyl (SURR)	11.958	11.958	2093704	14.14		ug/ml
2-Bromonaphthalene (SURR)	8.012	8.012	2532075	20.17		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-9DL2	SDG No.:	P4599
Lab Sample ID:	P4599-09DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050956.D	50	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	151		21.4	56.4	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	503		13.5	37.6	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	288		16.9	56.4	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	45.1	U	45.1	75.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	101	U	101	112	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:	P4599-09DL2	Acq On:	31 Oct 2024 21:36
Client Sample ID:	EX-1-TPH-9DL2	Operator:	YP\AJ
Data file:	FE050956.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	3.144	6.761	5775375	40.416	300	ug/ml
Aliphatic C12-C16	6.762	10.193	19437771	133.944	200	ug/ml
Aliphatic C16-C21	10.194	13.552	11093230	76.822	300	ug/ml
Aliphatic C21-C28	13.553	17.208	550485	3.872	400	ug/ml
Aliphatic C28-C40	17.209	22.054	63994	0.463	600	ug/ml
Aliphatic EPH	3.144	22.054	36920855	255.517		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	3.144	17.208	36856861	255.054	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-9DL2	SDG No.:	P4599
Lab Sample ID:	P4599-09DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014613.D	20	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	56.2		6.77	15.0	mg/kg
Aromatic C12-C16	Aromatic C12-C16	316		7.67	22.6	mg/kg
Aromatic C16-C21	Aromatic C16-C21	493		21.7	37.6	mg/kg
Aromatic C21-C36	Aromatic C21-C36	20.8	J	45.1	60.2	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	5.43		40 - 140	217%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	4.99		40 - 140	200%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.82		40 - 140	153%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-09DL2	Acq On:	31 Oct 2024 16:06
Client Sample ID:	EX-1-TPH-9DL2	Operator:	YP\AJ
Data file:	FG014613.D	Misc:	
Instrument:	FID_G	ALS Vial:	47
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	5214290	37.38	200	ug/ml
Aromatic C12-C16	6.386	9.086	30622179	210.53	300	ug/ml
Aromatic C16-C21	9.087	13.404	47546819	328.3	500	ug/ml
Aromatic C21-C36	13.405	18.847	1969895	13.859	800	ug/ml
Aromatic EPH	4.516	18.847	85353183	590.069		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	681074	5.43		ug/ml
2-Fluorobiphenyl (SURR)	8.883	8.883	430065	4.99		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	565654	3.82		ug/ml

LAB CHRONICLE

OrderID:	P4599	OrderDate:	10/28/2024 3:59:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	K63

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4599-01	EX-1-TPH-1	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	
			EPH	NJEPH		10/30/24	10/30/24	
			EPH	NJEPH		10/30/24	10/31/24	
P4599-01DL	EX-1-TPH-1DL	Solid			10/28/24			10/28/24
			EPH	NJEPH		10/30/24	10/31/24	
P4599-01DL 2	EX-1-TPH-1DL2	Solid			10/28/24			10/28/24
			EPH	NJEPH		10/30/24	10/31/24	
P4599-02	EX-1-TPH-2	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	
			EPH	NJEPH		10/30/24	10/30/24	
			EPH	NJEPH		10/30/24	10/31/24	
P4599-02DL	EX-1-TPH-2DL	Solid			10/28/24			10/28/24
			EPH	NJEPH		10/30/24	10/31/24	
P4599-02DL 2	EX-1-TPH-2DL2	Solid			10/28/24			10/28/24
			EPH	NJEPH		10/30/24	10/31/24	
P4599-03	EX-1-TPH-3	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	
			Gasoline Range Organics	8015D			10/30/24	
			EPH	NJEPH		10/30/24	10/31/24	
P4599-03DL	EX-1-TPH-3DL	Solid			10/28/24			10/28/24

LAB CHRONICLE

			EPH	NJEPH	10/30/24	10/31/24	
P4599-03DL	EX-1-TPH-3DL2	Solid			10/28/24		10/28/24
2							
			EPH	NJEPH	10/30/24	10/31/24	
P4599-04	EX-1-TPH-4	SOIL			10/28/24		10/28/24
			Diesel Range Organics	8015D	10/30/24	10/30/24	
			Gasoline Range Organics	8015D		10/29/24	
			Gasoline Range Organics	8015D		10/30/24	
			EPH	NJEPH	10/30/24	10/30/24	
			EPH	NJEPH	10/30/24	10/31/24	
P4599-04DL	EX-1-TPH-4DL	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	
P4599-04DL	EX-1-TPH-4DL2	Solid			10/28/24		10/28/24
2							
			EPH	NJEPH	10/30/24	10/31/24	
P4599-05	EX-1-TPH-5	SOIL			10/28/24		10/28/24
			Diesel Range Organics	8015D	10/30/24	10/31/24	
			Gasoline Range Organics	8015D		10/29/24	
			Gasoline Range Organics	8015D		10/30/24	
			EPH	NJEPH	10/30/24	10/30/24	
			EPH	NJEPH	10/30/24	10/31/24	
P4599-05DL	EX-1-TPH-5DL	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	
P4599-05DL	EX-1-TPH-5DL2	Solid			10/28/24		10/28/24
2							
			EPH	NJEPH	10/30/24	10/31/24	
			EPH	NJEPH	10/30/24	11/01/24	
P4599-06	EX-1-TPH-6	SOIL			10/28/24		10/28/24
			Diesel Range Organics	8015D	10/30/24	10/31/24	
			Gasoline Range Organics	8015D		10/29/24	
			Gasoline Range Organics	8015D		10/30/24	
			EPH	NJEPH	10/30/24	10/30/24	
			EPH	NJEPH	10/30/24	10/31/24	

LAB CHRONICLE

P4599-06DL	EX-1-TPH-6DL	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	
P4599-07	EX-1-TPH-7	SOIL			10/28/24		10/28/24
			Diesel Range Organics	8015D	10/30/24	10/30/24	
			Gasoline Range Organics	8015D		10/29/24	
			EPH	NJEPH	10/30/24	10/30/24	
			EPH	NJEPH	10/30/24	10/31/24	
P4599-08	EX-1-TPH-8	SOIL			10/28/24		10/28/24
			Diesel Range Organics	8015D	10/30/24	10/31/24	
			Gasoline Range Organics	8015D		10/29/24	
			Gasoline Range Organics	8015D		10/30/24	
			EPH	NJEPH	10/30/24	10/30/24	
			EPH	NJEPH	10/30/24	10/31/24	
P4599-08DL	EX-1-TPH-8DL	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	
P4599-08DL 2	EX-1-TPH-8DL2	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	
P4599-09	EX-1-TPH-9	SOIL			10/28/24		10/28/24
			Diesel Range Organics	8015D	10/30/24	10/31/24	
			Gasoline Range Organics	8015D		10/29/24	
			Gasoline Range Organics	8015D		10/30/24	
			EPH	NJEPH	10/30/24	10/30/24	
			EPH	NJEPH	10/30/24	10/31/24	
P4599-09DL	EX-1-TPH-9DL	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	
P4599-09DL 2	EX-1-TPH-9DL2	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	



SHIPPING DOCUMENTS



CHAIN OF CUSTODY RECORD

NO. 1 OF 1

P4599

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															
				Westmont, IL 60559															
PHONE	419-266-4671		PHONE	630-986-2900															
FAX			FAX			PO#	E9306												
SAMPLE ID	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	SAMPLE TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	TPH	DRO	GRO	(8015)								COMMENTS
EX-1-TPH-1	TPH	10/28	12:15	Soil	G	Teracore / 8oz	2	X											
EX-1-TPH-2	TPH	10/28	12:15	Soil	G		2	X											
EX-1-TPH-3	TPH	10/28	12:15	Soil	G		2	X											
EX-1-TPH-4	TPH	10/28	12:15	Soil	G		2	X											
EX-1-TPH-5	TPH	10/28	12:15	Soil	G		2	X											
EX-1-TPH-6	TPH	10/28	12:15	Soil	G		2	X											
EX-1-TPH-7	TPH	10/28	12:15	Soil	G		2	X											
EX-1-TPH-8	TPH	10/28	12:15	Soil	G		2	X											
EX-1-TPH-9	TPH	10/28	12:15	Soil	G		2	X											
SAMPLER	W. Seel		SHIPMENT	courier				AIRBILL											
REQUIRED TURNAROUND		☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☒ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER: Temp 3.0°C																	
1. RELINQUISHED BY		DATE	2. RELINQUISHED BY				DATE	3. RELINQUISHED BY				DATE							
SIGNATURE: <i>Wyatt Seel</i>			SIGNATURE: <i>Lawrence Carter</i>				10-28-24	SIGNATURE:											
PRINTED NAME/COMPANY: Wyatt Seel / ENTACT		10/28	PRINTED NAME/COMPANY: Lawrence Carter Chemfab				1710	PRINTED NAME/COMPANY:											
1. RECEIVED BY		DATE	2. RECEIVED BY				DATE	3. RECEIVED BY				DATE							
SIGNATURE: <i>Lawrence Carter</i>		10-28-24	SIGNATURE:					SIGNATURE:											
PRINTED NAME/COMPANY: Lawrence Carter		1570	PRINTED NAME/COMPANY:					PRINTED NAME/COMPANY:											

From: Wyatt Seel <wseel@entact.com>
Sent: Tuesday, November 05, 2024 3:44 AM
To: yazmeen@chemtech.net
Subject: Re: Summary Report Details For Project North Point-P4599.

Yazmeen,

I'm not sure what happened to my COC, but it was supposed to include EPH Cat 2. Please let me know how quickly we can turn this around to include it.

Thanks,

Wyatt Seel
ENTACT, LLC
150 Bay Street | Suite 806 | Jersey City, NJ 07302
Cell: 419.266.4671
wseel@entact.com | www.entact.com
Environmental and Geotechnical Construction Services



From: CHEMTECH-Data@chemtech.net <CHEMTECH-Data@chemtech.net>
Sent: Monday, November 4, 2024 5:19 PM
To: Caroline Panico <cpanico@entact.com>; Wyatt Seel <wseel@entact.com>
Subject: Summary Report Details For Project North Point-P4599.



To Wyatt Seel;

Please see the attached Summary Report for the following project, or download the file using your login credentials from the link below.

Order ID : P4599
Project ID : North Point
Download File : <https://chemtech.net/secureLogin.aspx>
Order Date : 10/28/2024 3:59:00 PM

CHEMTECH's Project Manager : YAZMEEN GOMEZ , YAZMEEN@CHEMTECH.NET , 908-357-0579 Ext :3149

CHEMTECH's Sales Executive : Jordan Hedvat , jordan@chemtech.net , 908-728-3144 Ext :

Thank you for the opportunity to provide you with our services. For any questions please feel free to contact your project manager.

Click Here for our short online customer Survey <https://chemtech.net/ClientSurvey.aspx>.

Thank you,

CHEMTECH

Notice: The information transmitted in this e-mail message and in any attachments is intended Solely for the attention of the named addressee(s) and may contain confidential and/or privileged material. Any review, retransmission, dissemination or other use of, or taking of any action in reliance upon, this information by persons or entities other than the intended recipient is strictly prohibited and may be unlawful. If you have received this transmission in error, please notify us immediately by return e-mail, and permanently delete this transmission, including attachments if any, from any computer.

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

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4599	ENTA05	Order Date : 10/28/2024 3:59:00 PM	Project Mgr :
Client Name : ENTACT		Project Name : North Point	Report Type : Level 1
Client Contact : Wyatt Seel		Receive DateTime : 10/28/2024 12:00:00 AM 17:10	EDD Type : Excel NJ
Invoice Name : ENTACT		Purchase Order :	Hard Copy Date :
Invoice Contact : Wyatt Seel			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
P4599-01	EX-1-TPH-1	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4599-02	EX-1-TPH-2	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4599-03	EX-1-TPH-3	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4599-04	EX-1-TPH-4	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4599-05	EX-1-TPH-5	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4599-06	EX-1-TPH-6	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4599-07	EX-1-TPH-7	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D	5 Bus. Days	
P4599-08	EX-1-TPH-8	Solid	10/28/2024	12:15					

LOGIN REPORT/SAMPLE TRANSFER

Order ID : P4599	ENTA05	Order Date : 10/28/2024 3:59:00 PM	Project Mgr :
Client Name : ENTACT		Project Name : North Point	Report Type : Level 1
Client Contact : Wyatt Seel		Receive DateTime : 10/28/2024 12:00:00 AM	EDD Type : Excel NJ
Invoice Name : ENTACT		Purchase Order : 17:10	Hard Copy Date :
Invoice Contact : Wyatt Seel			Date Signoff :

LAB ID	CLIENT ID	MATRIX	SAMPLE DATE	SAMPLE TIME	TEST	TEST GROUP	METHOD	FAX DATE	DUE DATES
					Gasoline Range Organics		8015D		5 Bus. Days
P4599-09	EX-1-TPH-9	Solid	10/28/2024	12:15					
					Gasoline Range Organics		8015D		5 Bus. Days

Received on 10/28/29 @ 1530

Placed in SM-REF

Relinquished By :

Date / Time : 10/29/24 0840

Received By :

Date / Time :

Seel

10/29/24

0840 2846
P22

Storage Area : VOA Refridgerator Room