

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : NORTH POINT

ENTACT

606 E. Baltimore Pike

Floor 3

Media, PA - 19063

Phone No: 4844440702

ORDER ID : P4721

ATTENTION : Wyatt Seel



Laboratory Certification ID # 20012



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DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

1

Laboratory Name : CHEMTECH Client : ENTACT
 Project Location : North Point Project Number : _____
 Laboratory Sample ID(s) : P4721 Sampling Date(s) : 11/05/2024
 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 : P4721

Project ID : North Point

Client : ENTACT

Lab Sample Number

P4721-01
P4721-02
P4721-03
P4721-04
P4721-05
P4721-06
P4721-07
P4721-08
P4721-09
P4721-10
P4721-11
P4721-12
P4721-13
P4721-14
P4721-15

Client Sample Number

EX-2-TPH-1
EX-2-TPH-2
EX-2-TPH-3
EX-11-TPH-1
EX-11-TPH-2
EX-11-TPH-3
EX-11-TPH-4
EX-9-TPH-1
EX-9-TPH-2
EX-9-TPH-3
EX-9-TPH-4
EX-9-TPH-5
EX-9-TPH-6
EX-9-TPH-7
EX-9-TPH-8

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

Date: 11/15/2024
By Nimisha Pandya, QA/QC Supervisor at 4:25 pm, Nov 18, 2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

CASE NARRATIVE

ENTACT

Project Name: North Point

Project # N/A

Chemtech Project # P4721

Test Name: Gasoline Range Organics

A. Number of Samples and Date of Receipt:

15 Solid samples were received on 11/05/2024.

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-2-TPH-2 [Alpha,Alpha,Alpha-Trifluorotoluene - 443%],
EX-2-TPH-3 [Alpha,Alpha,Alpha-Trifluorotoluene - 253%],
EX-11-TPH-1 [Alpha,Alpha,Alpha-Trifluorotoluene - 180%],
EX-11-TPH-2 [Alpha,Alpha,Alpha-Trifluorotoluene - 299%],
EX-11-TPH-3 [Alpha,Alpha,Alpha-Trifluorotoluene - 191%],
EX-11-TPH-4 [Alpha,Alpha,Alpha-Trifluorotoluene - 338%],
EX-9-TPH-2 [Alpha,Alpha,Alpha-Trifluorotoluene - 190%],
EX-9-TPH-3 [Alpha,Alpha,Alpha-Trifluorotoluene - 209%],
EX-9-TPH-4 [Alpha,Alpha and Alpha-Trifluorotoluene - 175%] 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-2-TPH-1, EX-2-TPH-2, EX-2-TPH-3, EX-11-TPH-1, EX-11-TPH-2, EX-11-TPH-3, EX-11-TPH-4, EX-9-TPH-1, EX-9-TPH-2, EX-9-TPH-3, EX-9-TPH-4, EX-9-TPH-6 and EX-9-TPH-7 were analyzed in Methanol and reported

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 4:26 pm, Nov 18, 2024

CASE NARRATIVE

ENTACT

Project Name: North Point

Project # N/A

Chemtech Project # P4721

Test Name: Diesel Range Organics

A. Number of Samples and Date of Receipt:

15 Solid samples were received on 11/05/2024.

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

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for EX-2-TPH-1 [Tetracosane-d50 - 0%], EX-2-TPH-2 [Tetracosane-d50 - 0%], EX-2-TPH-3 [Tetracosane-d50 - 0%], EX-11-TPH-1 [Tetracosane-d50 - 0%], EX-11-TPH-2 [Tetracosane-d50 - 0%], EX-11-TPH-4 [Tetracosane-d50 - 0%] and EX-9-TPH-7 [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-2-TPH-1, EX-2-TPH-2, EX-2-TPH-3, EX-11-TPH-1, EX-11-TPH-2, EX-11-TPH-3, EX-11-TPH-4, EX-9-TPH-3, EX-9-TPH-4 and EX-9-TPH-7 were diluted due to bad matrices.



E. Additional Comments:

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

F. Manual Integration Comments:

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

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Signature _____ *N. N. Pandya*

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 4:26 pm, Nov 18, 2024

CASE NARRATIVE

ENTACT

Project Name: North Point

Project # N/A

Chemtech Project # P4721

Test Name: EPH

A. Number of Samples and Date of Receipt:

15 Solid samples were received on 11/05/2024.

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

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for
EX-2-TPH-1DL [2-Bromonaphthalene (SURR) - 180%],
EX-2-TPH-2DL [2-Bromonaphthalene (SURR) - 155%],
EX-2-TPH-3 [2-Bromonaphthalene (SURR) - 140%],
EX-2-TPH-3DL [2-Bromonaphthalene (SURR) - 160%],
EX-11-TPH-1 [2-Bromonaphthalene (SURR) - 149%],
EX-11-TPH-1DL [2-Bromonaphthalene (SURR) - 170%, 2-Fluorobiphenyl (SURR) - 146%], EX-11-TPH-1DL2 [2-Bromonaphthalene (SURR) - 174%],
EX-11-TPH-2 [2-Bromonaphthalene (SURR) - 150%],
EX-11-TPH-2DL [2-Bromonaphthalene (SURR) - 181%],
EX-11-TPH-4 [2-Bromonaphthalene (SURR) - 163%, 2-Fluorobiphenyl (SURR) - 147%],
EX-11-TPH-4DL [2-Bromonaphthalene (SURR) - 183%, 2-Fluorobiphenyl (SURR) - 165%], EX-11-TPH-4DL2 [2-Bromonaphthalene (SURR) - 208%, 2-Fluorobiphenyl

(SURRE) - 188%], EX-9-TPH-7DL2 [2-Bromonaphthalene (SURRE) - 168% and 2-Fluorobiphenyl (SURRE) - 165%] due to high concentration sample required dilution therefore samples were reanalyzed with dilution and reported

while, EX-2-TPH-1DL2 [1-chlorooctadecane (SURRE) - 0%], EX-11-TPH-2DL [1-chlorooctadecane (SURRE) - 0%], EX-11-TPH-4DL2 [1-chlorooctadecane (SURRE) - 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 for {P4718-01MSD} with File ID: FD048679.D met criteria except for Aromatic C12-C16[28.9%] due to difference in results of MS-MSD.

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 .

Sample EX-11-TPH-2 was diluted due to extremely bad matrix.

Samples EX-2-TPH-1, EX-2-TPH-2, EX-2-TPH-3, EX-11-TPH-1, EX-11-TPH-2, EX-11-TPH-3, EX-11-TPH-4, EX-9-TPH-4 and EX-9-TPH-7 EX-2-TPH-1DL, EX-2-TPH-2DL, EX-11-TPH-1DL, EX-11-TPH-4DL, EX-9-TPH-7DL 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.

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

Signature N. N. Pandya

APPROVED

By Nimisha Pandya, QA/QC Supervisor at 4:26 pm, Nov 18, 2024



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

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 #: P4721

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: 11/15/2024



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86.7
Sample Wt/Vol:	7.84	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
FB031141.D	250	11/07/24 17:36	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	76500		1420	8280	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	29.4		50 - 150	147%	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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-02	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83
Sample Wt/Vol:	7.38	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
FB031142.D	250	11/07/24 18:03	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	144000		1580	9180	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	88.5	*	50 - 150	443%	SPK: 20

Comments:

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LOD = Limit of Detection

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M = MS/MSD acceptance criteria did not meet requirements

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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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-03	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	88.3
Sample Wt/Vol:	5.66	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
FB031110.D	50	11/06/24 17:06	FB110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	29400		386	2250	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	50.6	*	50 - 150	253%	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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-04	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	79.7
Sample Wt/Vol:	8.33	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
FB031143.D	250	11/07/24 18:30	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	60000		1450	8470	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	35.9	*	50 - 150	180%	SPK: 20

Comments:

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

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

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-05	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	91.5
Sample Wt/Vol:	6.51	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
FB031144.D	250	11/07/24 18:57	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	116000		1620	9440	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	59.8	*	50 - 150	299%	SPK: 20

Comments:

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

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

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-06	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	79.4
Sample Wt/Vol:	8.03	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
FB031145.D	250	11/07/24 19:24	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	67500		1510	8820	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	38.1	*	50 - 150	191%	SPK: 20

Comments:

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 LOQ = Limit of Quantitation
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 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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-4	SDG No.:	P4721
Lab Sample ID:	P4721-07	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.6
Sample Wt/Vol:	8.03	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
FB031116.D	50	11/06/24 20:42	FB110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	22500		281	1640	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	67.5	*	50 - 150	338%	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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-08	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83.7
Sample Wt/Vol:	10	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
FB031117.D	50	11/06/24 21:09	FB110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	593	J	231	1340	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	18.4		50 - 150	92%	SPK: 20

Comments:

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B = Analyte Found in Associated Method Blank

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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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-09	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.5
Sample Wt/Vol:	6.86	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
FB031118.D	50	11/06/24 21:36	FB110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	17300		329	1920	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	38.1	*	50 - 150	190%	SPK: 20

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-10	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	85.2
Sample Wt/Vol:	6.91	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
FB031119.D	50	11/06/24 22:02	FB110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	18700		328	1910	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	41.8	*	50 - 150	209%	SPK: 20

Comments:

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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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-4	SDG No.:	P4721
Lab Sample ID:	P4721-11	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	89.4
Sample Wt/Vol:	8.02	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
FB031146.D	1000	11/07/24 19:50	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	295000		5380	31400	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	35.0	*	50 - 150	175%	SPK: 20

Comments:

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LOD = Limit of Detection

E = Value Exceeds Calibration Range

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-5	SDG No.:	P4721
Lab Sample ID:	P4721-12	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86.9
Sample Wt/Vol:	8.84	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
FB031163.D	1	11/08/24 10:09	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	317		5.00	29.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	25.6		50 - 150	128%	SPK: 20

Comments:

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

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

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-6	SDG No.:	P4721
Lab Sample ID:	P4721-13	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	83.6
Sample Wt/Vol:	8.03	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
FB031122.D	50	11/06/24 23:23	FB110624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	3060		287	1680	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	22.6		50 - 150	113%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

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

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Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-7	SDG No.:	P4721
Lab Sample ID:	P4721-14	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	86.8
Sample Wt/Vol:	7.87	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
FB031166.D	10000	11/08/24 11:42	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	2860000		56600	329000	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	27.5		50 - 150	138%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

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B = Analyte Found in Associated Method Blank

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D = Dilution

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

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Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-8	SDG No.:	P4721
Lab Sample ID:	P4721-15	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	87.2
Sample Wt/Vol:	8.69	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
FB031140.D	1	11/07/24 17:10	FB110724

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	265		5.00	30.0	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	20.2		50 - 150	101%	SPK: 20

Comments:

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LAB CHRONICLE

OrderID:	P4721	OrderDate:	11/5/2024 3:27:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	L23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4721-01	EX-2-TPH-1	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-02	EX-2-TPH-2	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-03	EX-2-TPH-3	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/06/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-04	EX-11-TPH-1	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-05	EX-11-TPH-2	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-05DL	EX-11-TPH-2DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	

LAB CHRONICLE

P4721-06	EX-11-TPH-3	SOIL		11/05/24		11/05/24
			Diesel Range Organics	8015D	11/07/24	11/07/24
			Gasoline Range Organics	8015D		11/07/24
			EPH	NJEPH	11/08/24	11/08/24
			EPH	NJEPH	11/08/24	11/11/24
P4721-07	EX-11-TPH-4	SOIL		11/05/24		11/05/24
			Diesel Range Organics	8015D	11/07/24	11/08/24
			Gasoline Range Organics	8015D		11/06/24
			EPH	NJEPH	11/08/24	11/08/24
P4721-08	EX-9-TPH-1	SOIL		11/05/24		11/05/24
			Diesel Range Organics	8015D	11/07/24	11/08/24
			Gasoline Range Organics	8015D		11/06/24
			EPH	NJEPH	11/08/24	11/08/24
P4721-09	EX-9-TPH-2	SOIL		11/05/24		11/05/24
			Diesel Range Organics	8015D	11/07/24	11/07/24
			Gasoline Range Organics	8015D		11/06/24
			EPH	NJEPH	11/08/24	11/08/24
P4721-10	EX-9-TPH-3	SOIL		11/05/24		11/05/24
			Diesel Range Organics	8015D	11/07/24	11/07/24
			Gasoline Range Organics	8015D		11/06/24
			EPH	NJEPH	11/08/24	11/08/24
P4721-11	EX-9-TPH-4	SOIL		11/05/24		11/05/24
			Diesel Range Organics	8015D	11/07/24	11/07/24
			Gasoline Range Organics	8015D		11/07/24
			EPH	NJEPH	11/08/24	11/08/24
			EPH	NJEPH	11/08/24	11/11/24
P4721-12	EX-9-TPH-5	SOIL		11/05/24		11/05/24
			Diesel Range Organics	8015D	11/07/24	11/08/24
			Gasoline Range Organics	8015D		11/08/24
			EPH	NJEPH	11/08/24	11/08/24
P4721-13	EX-9-TPH-6	SOIL		11/05/24		11/05/24
			Diesel Range Organics	8015D	11/07/24	11/08/24
			Gasoline Range Organics	8015D		11/06/24

LAB CHRONICLE

			EPH	NJEPH		11/08/24	11/08/24	
P4721-14	EX-9-TPH-7	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/08/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-14DL	EX-9-TPH-7DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-14DL 2	EX-9-TPH-7DL2	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-15	EX-9-TPH-8	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-01	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	86.7
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Diesel Range Organics
GPC Factor :		Injection Volume :	
Prep Method :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
FG014694.D	100	11/07/24 08:30	11/08/24 3:16	PB164744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1360000		21300	192000	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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-02	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	83
Sample Wt/Vol:	30.09	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
FG014695.D	100	11/07/24 08:30	11/08/24 3:44	PB164744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1270000		22200	200000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	SPK: 20

Comments:

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LOD = Limit of Detection

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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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-03	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	88.3
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
FG014696.D	50	11/07/24 08:30	11/08/24 4:12	PB164744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	430000		10400	94200	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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J = Estimated Value

B = Analyte Found in Associated Method Blank

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Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-04	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	79.7
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
FG014697.D	250	11/07/24 08:30	11/08/24 4:41	PB164744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	2830000		57900	522000	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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-05	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	91.5
Sample Wt/Vol:	30.01	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
FG014698.D	2500	11/07/24 08:30	11/08/24 5:09	PB164744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	12100000		505000	4550000	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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-06	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	79.4
Sample Wt/Vol:	30.1	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
FG014676.D	10	11/07/24 08:30	11/07/24 15:56	PB164744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	58200		2320	20900	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	1.17		37 - 130	58%	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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-4	SDG No.:	P4721
Lab Sample ID:	P4721-07	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	85.6
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
FG014706.D	100	11/07/24 08:30	11/08/24 10:24	PB164744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1590000		21600	195000	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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-08	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	83.7
Sample Wt/Vol:	30.06	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
FG014702.D	1	11/07/24 08:30	11/08/24 8:31	PB164744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	2680		220	1990	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	9.89		37 - 130	49%	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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-09	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	85.5
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
FG014683.D	1	11/07/24 08:30	11/07/24 20:39	PB164744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	4790		216	1950	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	14.5		37 - 130	72%	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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-10	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	85.2
Sample Wt/Vol:	30.05	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
FG014686.D	10	11/07/24 08:30	11/07/24 22:05	PB164744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	31600		2170	19500	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	1.30		37 - 130	65%	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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-4	SDG No.:	P4721
Lab Sample ID:	P4721-11	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	89.4
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
FG014687.D	10	11/07/24 08:30	11/07/24 22:33	PB164744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	229000		2060	18600	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	2.04		37 - 130	102%	SPK: 20

Comments:

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Q = indicates LCS control criteria did not meet requirements

M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

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

() = Laboratory InHouse Limit

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-5	SDG No.:	P4721
Lab Sample ID:	P4721-12	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	86.9
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
FG014703.D	1	11/07/24 08:30	11/08/24 8:59	PB164744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	2400		212	1920	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	19.0		37 - 130	95%	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:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-6		SDG No.:	P4721	
Lab Sample ID:	P4721-13		Matrix:	SOIL	
Analytical Method:	8015D DRO		% Solid:	83.6	Decanted:
Sample Wt/Vol:	30.06	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
FG014704.D	1	11/07/24 08:30	11/08/24 9:27	PB164744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1950	J	221	1990	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	11.4		37 - 130	57%	SPK: 20

Comments:

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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:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-7	SDG No.:	P4721
Lab Sample ID:	P4721-14	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	86.8
Sample Wt/Vol:	30.01	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
FG014707.D	200	11/07/24 08:30	11/08/24 10:52	PB164744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	2970000		42600	384000	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	0.00	*	37 - 130	0%	SPK: 20

Comments:

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M = MS/MSD acceptance criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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D = Dilution

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Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-8	SDG No.:	P4721
Lab Sample ID:	P4721-15	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	87.2
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
FG014705.D	1	11/07/24 08:30	11/08/24 9:56	PB164744

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1760	J	212	1910	ug/kg
SURROGATES						
16416-32-3	Tetracosane-d50	9.09		37 - 130	45%	SPK: 20

Comments:

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J = Estimated Value

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() = Laboratory InHouse Limit

LAB CHRONICLE

OrderID:	P4721	OrderDate:	11/5/2024 3:27:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	L23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4721-01	EX-2-TPH-1	SOIL	Diesel Range Organics	8015D	11/05/24	11/07/24	11/08/24	11/05/24
P4721-02	EX-2-TPH-2	SOIL	Diesel Range Organics	8015D	11/05/24	11/07/24	11/08/24	11/05/24
P4721-03	EX-2-TPH-3	SOIL	Diesel Range Organics	8015D	11/05/24	11/07/24	11/08/24	11/05/24
P4721-04	EX-11-TPH-1	SOIL	Diesel Range Organics	8015D	11/05/24	11/07/24	11/08/24	11/05/24
P4721-05	EX-11-TPH-2	SOIL	Diesel Range Organics	8015D	11/05/24	11/07/24	11/08/24	11/05/24
P4721-06	EX-11-TPH-3	SOIL	Diesel Range Organics	8015D	11/05/24	11/07/24	11/07/24	11/05/24
P4721-07	EX-11-TPH-4	SOIL	Diesel Range Organics Gasoline Range Organics	8015D 8015D	11/05/24	11/07/24	11/08/24 11/07/24	11/05/24
P4721-08	EX-9-TPH-1	SOIL	Diesel Range Organics	8015D	11/05/24	11/07/24	11/08/24	11/05/24
P4721-09	EX-9-TPH-2	SOIL	Diesel Range Organics	8015D	11/05/24	11/07/24	11/07/24	11/05/24
P4721-10	EX-9-TPH-3	SOIL	Diesel Range Organics	8015D	11/05/24	11/07/24	11/07/24	11/05/24
P4721-11	EX-9-TPH-4	SOIL	Diesel Range Organics	8015D	11/05/24	11/07/24	11/07/24	11/05/24

LAB CHRONICLE

P4721-12	EX-9-TPH-5	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24
			Gasoline Range Organics	8015D			11/07/24
P4721-13	EX-9-TPH-6	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24
P4721-14	EX-9-TPH-7	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24
P4721-15	EX-9-TPH-8	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24



SAMPLE DATA

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-2-TPH-1		SDG No.:	P4721	
Lab Sample ID:	P4721-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.7	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/11/24 10:25	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	746		50	21.8	57.5	mg/kg FC067688.D
Aliphatic C12-C16	Aliphatic C12-C16	1790		200	55.2	153	mg/kg FC067689.D
Aliphatic C16-C21	Aliphatic C16-C21	156		50	17.2	57.5	mg/kg FC067688.D
Aliphatic C21-C28	Aliphatic C21-C28	12.6		1	0.92	1.53	mg/kg FC067680.D
Aliphatic C28-C40	Aliphatic C28-C40	6.02		1	2.07	2.30	mg/kg FC067680.D
Aromatic C10-C12	Aromatic C10-C12	70.8		20	6.90	15.3	mg/kg FD048691.D
Aromatic C12-C16	Aromatic C12-C16	368		20	7.82	23.0	mg/kg FD048691.D
Aromatic C16-C21	Aromatic C16-C21	213		20	22.1	38.3	mg/kg FD048691.D
Aromatic C21-C36	Aromatic C21-C36	8.72		1	2.30	3.07	mg/kg FD048681.D
Total AliphaticEPH	Total AliphaticEPH	2710			97.2	272	mg/kg
Total AromaticEPH	Total AromaticEPH	661			39.1	79.7	mg/kg
Total EPH	Total EPH	3370			136	352	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:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-2-TPH-1		SDG No.:	P4721	
Lab Sample ID:	P4721-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.7	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067680.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	526	E	0.44	1.15	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1170	E	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	160	E	0.35	1.15	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.6		0.92	1.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.02		2.07	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.9		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-01	Acq On:	08 Nov 2024 22:23
Client Sample ID:	EX-2-TPH-1	Operator:	YP/AJ
Data file:	FC067680.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.450	930464975	6870	300	ug/ml
Aliphatic C12-C16	6.451	9.841	2012207884	15300	200	ug/ml
Aliphatic C16-C21	9.842	13.199	266099878	2090	300	ug/ml
Aliphatic C21-C28	13.200	16.853	19742316	164.395	400	ug/ml
Aliphatic C28-C40	16.854	21.698	7935925	78.501	600	ug/ml
Aliphatic EPH	3.171	21.698	3236450978	24500		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.932	12.932	4197572	38.87		ug/ml
Aliphatic C9-C28	3.171	16.853	3228515053	24500	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-2-TPH-1		SDG No.:	P4721	
Lab Sample ID:	P4721-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.7	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048681.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	72.9	E	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	317	E	0.39	1.15	mg/kg
Aromatic C16-C21	Aromatic C16-C21	197	E	1.10	1.92	mg/kg
Aromatic C21-C36	Aromatic C21-C36	8.72		2.30	3.07	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	60.7		40 - 140	121%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	66.3		40 - 140	132%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.6		40 - 140	65%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-01	Acq On:	08 Nov 2024 21:10
Client Sample ID:	EX-2-TPH-1	Operator:	YP/AJ
Data file:	FD048681.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.092	5.810	167560721	950.954	200	ug/ml
Aromatic C12-C16	5.811	8.415	734269015	4140	300	ug/ml
Aromatic C16-C21	8.416	12.678	422722847	2580	500	ug/ml
Aromatic C21-C36	12.679	18.083	17366644	113.721	800	ug/ml
Aromatic EPH	4.092	18.083	1341919227	7790		ug/ml
ortho-Terphenyl (SURR)	11.258	11.258	5549755	32.58		ug/ml
2-Bromonaphthalene (SURR)	7.380	7.380	9210924	60.69		ug/ml
2-Fluorobiphenyl (SURR)	8.235	8.235	6505320	66.25		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-2-TPH-1DL		SDG No.:	P4721	
Lab Sample ID:	P4721-01DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.7	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067688.D	50	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	746		21.8	57.5	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1630	E	13.8	38.3	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	156		17.2	57.5	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	46.0	U	46.0	76.6	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	103	U	103	114	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.99		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-01DL	Acq On:	11 Nov 2024 10:25
Client Sample ID:	EX-2-TPH-1DL	Operator:	YP/AJ
Data file:	FC067688.D	Misc:	
Instrument:	FID_C	ALS Vial:	7
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.170	6.450	26405465	194.918	300	ug/ml
Aliphatic C12-C16	6.451	9.840	56166851	426.535	200	ug/ml
Aliphatic C16-C21	9.841	13.198	5195356	40.833	300	ug/ml
Aliphatic C21-C28	13.199	16.853	283268	2.359	400	ug/ml
Aliphatic C28-C40	16.854	21.695	101955	1.009	600	ug/ml
Aliphatic EPH	3.170	21.695	88152895	665.653		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	106918	0.99		ug/ml
Aliphatic C9-C28	3.170	16.853	88050940	664.645	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-1DL	SDG No.:	P4721
Lab Sample ID:	P4721-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048691.D	20	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	70.8		6.90	15.3	mg/kg
Aromatic C12-C16	Aromatic C12-C16	368		7.82	23.0	mg/kg
Aromatic C16-C21	Aromatic C16-C21	213		22.1	38.3	mg/kg
Aromatic C21-C36	Aromatic C21-C36	46.0	U	46.0	61.3	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	4.50		40 - 140	180%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	3.13		40 - 140	125%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	1.82		40 - 140	73%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-01DL	Acq On:	11 Nov 2024 10:25
Client Sample ID:	EX-2-TPH-1DL	Operator:	YP/AJ
Data file:	FD048691.D	Misc:	
Instrument:	FID_D	ALS Vial:	57
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.090	5.808	8134423	46.165	200	ug/ml
Aromatic C12-C16	5.809	8.414	42580712	240.198	300	ug/ml
Aromatic C16-C21	8.415	12.677	22800134	139.167	500	ug/ml
Aromatic C21-C36	12.678	18.084	562119	3.681	800	ug/ml
Aromatic EPH	4.090	18.084	74077388	429.211		ug/ml
ortho-Terphenyl (SURR)	11.252	11.252	310729	1.82		ug/ml
2-Bromonaphthalene (SURR)	7.370	7.370	683136	4.5		ug/ml
2-Fluorobiphenyl (SURR)	8.223	8.223	307604	3.13		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-2-TPH-1DL2		SDG No.:	P4721	
Lab Sample ID:	P4721-01DL2		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.7	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067689.D	200	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	829		87.4	229	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1790		55.2	153	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	169	J	69.0	229	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	183	U	183	306	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	413	U	413	459	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:	P4721-01DL2	Acq On:	11 Nov 2024 11:02
Client Sample ID:	EX-2-TPH-1DL2	Operator:	YP/AJ
Data file:	FC067689.D	Misc:	
Instrument:	FID_C	ALS Vial:	8
Dilution Factor:	200	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.170	6.450	7334182	54.139	300	ug/ml
Aliphatic C12-C16	6.451	9.840	15396469	116.922	200	ug/ml
Aliphatic C16-C21	9.841	13.198	1409597	11.079	300	ug/ml
Aliphatic C21-C28	13.199	16.853	176363	1.469	400	ug/ml
Aliphatic C28-C40	16.854	21.695	28101	0.278	600	ug/ml
Aliphatic EPH	3.170	21.695	24344712	183.886		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	3.170	16.853	24316611	183.609	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/11/24 11:39	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	153		10	4.57	12.0	mg/kg FC067690.D
Aliphatic C12-C16	Aliphatic C12-C16	441		50	14.4	40.1	mg/kg FC067691.D
Aliphatic C16-C21	Aliphatic C16-C21	87.6		10	3.61	12.0	mg/kg FC067690.D
Aliphatic C21-C28	Aliphatic C21-C28	9.02		1	0.96	1.60	mg/kg FC067681.D
Aliphatic C28-C40	Aliphatic C28-C40	6.15		1	2.17	2.41	mg/kg FC067681.D
Aromatic C10-C12	Aromatic C10-C12	15.7		1	0.36	0.80	mg/kg FD048682.D
Aromatic C12-C16	Aromatic C12-C16	100		10	4.09	12.0	mg/kg FD048692.D
Aromatic C16-C21	Aromatic C16-C21	114		10	11.6	20.1	mg/kg FD048692.D
Aromatic C21-C36	Aromatic C21-C36	11.0		1	2.41	3.21	mg/kg FD048682.D
Total AliphaticEPH	Total AliphaticEPH	697			25.7	68.1	mg/kg
Total AromaticEPH	Total AromaticEPH	241			18.5	36.1	mg/kg
Total EPH	Total EPH	937			44.2	104	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:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-2-TPH-2		SDG No.:	P4721	
Lab Sample ID:	P4721-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83	
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
FC067681.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	146	E	0.46	1.20	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	348	E	0.29	0.80	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	85.5	E	0.36	1.20	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.02		0.96	1.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.15		2.17	2.41	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.5		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-02	Acq On:	08 Nov 2024 23:00
Client Sample ID:	EX-2-TPH-2	Operator:	YP/AJ
Data file:	FC067681.D	Misc:	
Instrument:	FID_C	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.450	246833241	1820	300	ug/ml
Aliphatic C12-C16	6.451	9.841	572173691	4350	200	ug/ml
Aliphatic C16-C21	9.842	13.199	135680553	1070	300	ug/ml
Aliphatic C21-C28	13.200	16.853	13501845	112.431	400	ug/ml
Aliphatic C28-C40	16.854	21.698	7748833	76.65	600	ug/ml
Aliphatic EPH	3.171	21.698	975938163	7420		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	4044361	37.45		ug/ml
Aliphatic C9-C28	3.171	16.853	968189330	7350	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-2-TPH-2		SDG No.:	P4721	
Lab Sample ID:	P4721-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83	
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
FD048682.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	15.7		0.36	0.80	mg/kg
Aromatic C12-C16	Aromatic C12-C16	85.2	E	0.41	1.20	mg/kg
Aromatic C16-C21	Aromatic C16-C21	102	E	1.16	2.01	mg/kg
Aromatic C21-C36	Aromatic C21-C36	11.0		2.41	3.21	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	69.4		40 - 140	139%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.9		40 - 140	110%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.0		40 - 140	66%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-02	Acq On:	08 Nov 2024 21:46
Client Sample ID:	EX-2-TPH-2	Operator:	YP/AJ
Data file:	FD048682.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.092	5.810	34472171	195.639	200	ug/ml
Aromatic C12-C16	5.811	8.415	188203404	1060	300	ug/ml
Aromatic C16-C21	8.416	12.678	209514804	1280	500	ug/ml
Aromatic C21-C36	12.679	18.083	20970443	137.319	800	ug/ml
Aromatic EPH	4.092	18.083	453160822	2670		ug/ml
ortho-Terphenyl (SURR)	11.257	11.257	5612699	32.95		ug/ml
2-Bromonaphthalene (SURR)	7.373	7.373	10528280	69.37		ug/ml
2-Fluorobiphenyl (SURR)	8.224	8.224	5393946	54.93		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-2-TPH-2DL		SDG No.:	P4721	
Lab Sample ID:	P4721-02DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83	
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
FC067690.D	10	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	153		4.57	12.0	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	405	E	2.89	8.02	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	87.6		3.61	12.0	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.75	J	9.63	16.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.7	U	21.7	24.1	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.43		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-02DL	Acq On:	11 Nov 2024 11:39
Client Sample ID:	EX-2-TPH-2DL	Operator:	YP/AJ
Data file:	FC067690.D	Misc:	
Instrument:	FID_C	ALS Vial:	9
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.170	6.450	25877496	191.021	300	ug/ml
Aliphatic C12-C16	6.451	9.840	66567954	505.522	200	ug/ml
Aliphatic C16-C21	9.841	13.198	13900604	109.251	300	ug/ml
Aliphatic C21-C28	13.199	16.853	1459972	12.157	400	ug/ml
Aliphatic C28-C40	16.854	21.695	715898	7.082	600	ug/ml
Aliphatic EPH	3.170	21.695	108521924	825.032		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.930	12.930	478017	4.43		ug/ml
Aliphatic C9-C28	3.170	16.853	107806026	817.951	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-2DL	SDG No.:	P4721
Lab Sample ID:	P4721-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83
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
FD048692.D	10	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	17.6		3.61	8.02	mg/kg
Aromatic C12-C16	Aromatic C12-C16	100		4.09	12.0	mg/kg
Aromatic C16-C21	Aromatic C16-C21	114		11.6	20.1	mg/kg
Aromatic C21-C36	Aromatic C21-C36	12.6	J	24.1	32.1	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	7.73		40 - 140	155%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	5.20		40 - 140	104%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	4.03		40 - 140	81%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-02DL	Acq On:	11 Nov 2024 11:02
Client Sample ID:	EX-2-TPH-2DL	Operator:	YP/AJ
Data file:	FD048692.D	Misc:	
Instrument:	FID_D	ALS Vial:	58
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.090	5.808	3863623	21.927	200	ug/ml
Aromatic C12-C16	5.809	8.414	22294363	125.763	300	ug/ml
Aromatic C16-C21	8.415	12.677	23471352	143.264	500	ug/ml
Aromatic C21-C36	12.678	18.084	2399870	15.715	800	ug/ml
Aromatic EPH	4.090	18.084	52029208	306.669		ug/ml
2-Bromonaphthalene (SURR)	7.367	7.367	1173440	7.73		ug/ml
2-Fluorobiphenyl (SURR)	8.220	8.220	510715	5.2		ug/ml
ortho-Terphenyl (SURR)	11.252	11.252	686602	4.03		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-2DL2	SDG No.:	P4721
Lab Sample ID:	P4721-02DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83
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
FC067691.D	50	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	180		22.9	60.2	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	441		14.4	40.1	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	96.0		18.0	60.2	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	48.1	U	48.1	80.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	108	U	108	120	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.84		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:	P4721-02DL2	Acq On:	11 Nov 2024 12:15
Client Sample ID:	EX-2-TPH-2DL2	Operator:	YP/AJ
Data file:	FC067691.D	Misc:	
Instrument:	FID_C	ALS Vial:	10
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.170	6.450	6106247	45.075	300	ug/ml
Aliphatic C12-C16	6.451	9.840	14480197	109.964	200	ug/ml
Aliphatic C16-C21	9.841	13.198	3045032	23.932	300	ug/ml
Aliphatic C21-C28	13.199	16.853	331331	2.759	400	ug/ml
Aliphatic C28-C40	16.854	21.695	94115	0.931	600	ug/ml
Aliphatic EPH	3.170	21.695	24056922	182.661		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	90195	0.84		ug/ml
Aliphatic C9-C28	3.170	16.853	23962807	181.73	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/11/24 9:41	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	66.1		20	8.60	22.6	mg/kg FE051138.D
Aliphatic C12-C16	Aliphatic C12-C16	190		20	5.43	15.1	mg/kg FE051138.D
Aliphatic C16-C21	Aliphatic C16-C21	128		20	6.79	22.6	mg/kg FE051138.D
Aliphatic C21-C28	Aliphatic C21-C28	25.8		1	0.91	1.51	mg/kg FE051125.D
Aliphatic C28-C40	Aliphatic C28-C40	36.0		1	2.04	2.26	mg/kg FE051125.D
Aromatic C10-C12	Aromatic C10-C12	28.7		5	1.70	3.77	mg/kg FD048693.D
Aromatic C12-C16	Aromatic C12-C16	74.2		5	1.92	5.66	mg/kg FD048693.D
Aromatic C16-C21	Aromatic C16-C21	157		5	5.43	9.43	mg/kg FD048693.D
Aromatic C21-C36	Aromatic C21-C36	40.4		1	2.26	3.02	mg/kg FD048683.D
Total AliphaticEPH	Total AliphaticEPH	446			23.8	64.1	mg/kg
Total AromaticEPH	Total AromaticEPH	300			11.3	21.9	mg/kg
Total EPH	Total EPH	746			35.1	86.0	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-2-TPH-3		SDG No.:	P4721	
Lab Sample ID:	P4721-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.3	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051125.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	60.7	E	0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	171	E	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	124	E	0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	25.8		0.91	1.51	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	36.0		2.04	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.6		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-03	Acq On:	08 Nov 2024 18:38
Client Sample ID:	EX-2-TPH-3	Operator:	YP\AJ
Data file:	FE051125.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	112539624	804.344	300	ug/ml
Aliphatic C12-C16	6.759	10.191	319799913	2270	200	ug/ml
Aliphatic C16-C21	10.192	13.550	227103177	1650	300	ug/ml
Aliphatic C21-C28	13.551	17.206	45728418	341.38	400	ug/ml
Aliphatic C28-C40	17.207	22.053	61377212	476.722	600	ug/ml
Aliphatic EPH	3.140	22.053	766548344	5540		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.288	13.288	4609120	40.6		ug/ml
Aliphatic C9-C28	3.140	17.206	705171132	5070	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-2-TPH-3		SDG No.:	P4721	
Lab Sample ID:	P4721-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.3	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048683.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	24.6	E	0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	61.1	E	0.39	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	141	E	1.09	1.89	mg/kg
Aromatic C21-C36	Aromatic C21-C36	40.4		2.26	3.02	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	70.3		40 - 140	140%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	67.3		40 - 140	135%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.7		40 - 140	91%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-03	Acq On:	08 Nov 2024 22:23
Client Sample ID:	EX-2-TPH-3	Operator:	YP/AJ
Data file:	FD048683.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.092	5.810	57378489	325.639	200	ug/ml
Aromatic C12-C16	5.811	8.415	143510715	809.544	300	ug/ml
Aromatic C16-C21	8.416	12.678	306677727	1870	500	ug/ml
Aromatic C21-C36	12.679	18.083	81828607	535.832	800	ug/ml
Aromatic EPH	4.092	18.083	589395538	3540		ug/ml
2-Bromonaphthalene (SURRE)	7.373	7.373	10661892	70.25		ug/ml
2-Fluorobiphenyl (SURRE)	8.225	8.225	6610592	67.32		ug/ml
ortho-Terphenyl (SURRE)	11.261	11.261	7787045	45.71		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-3DL	SDG No.:	P4721
Lab Sample ID:	P4721-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051138.D	20	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	66.1		8.60	22.6	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	190		5.43	15.1	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	128		6.79	22.6	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	24.4	J	18.1	30.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	42.3	J	40.7	45.3	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	2.17		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:	P4721-03DL	Acq On:	11 Nov 2024 09:41
Client Sample ID:	EX-2-TPH-3DL	Operator:	YP\AJ
Data file:	FE051138.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.140	22.059	41387644	299.388		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.287	13.287	246759	2.17		ug/ml
Aliphatic C9-C12	3.140	6.760	6124177	43.771	300	ug/ml
Aliphatic C12-C16	6.761	10.193	17771992	126.369	200	ug/ml
Aliphatic C16-C21	10.194	13.553	11716593	85.046	300	ug/ml
Aliphatic C21-C28	13.554	17.209	2161585	16.137	400	ug/ml
Aliphatic C28-C40	17.210	22.059	3613297	28.065	600	ug/ml
Aliphatic C9-C28	3.140	17.209	37774347	271.323	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-3DL	SDG No.:	P4721
Lab Sample ID:	P4721-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.3
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048693.D	5	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	28.7		1.70	3.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	74.2		1.92	5.66	mg/kg
Aromatic C16-C21	Aromatic C16-C21	157		5.43	9.43	mg/kg
Aromatic C21-C36	Aromatic C21-C36	38.8		11.3	15.1	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	16.1		40 - 140	160%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	13.1		40 - 140	131%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	10.4		40 - 140	104%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-03DL	Acq On:	11 Nov 2024 11:39
Client Sample ID:	EX-2-TPH-3DL	Operator:	YP/AJ
Data file:	FD048693.D	Misc:	
Instrument:	FID_D	ALS Vial:	59
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.090	5.808	13392049	76.004	200	ug/ml
Aromatic C12-C16	5.809	8.414	34875421	196.732	300	ug/ml
Aromatic C16-C21	8.415	12.677	68499688	418.108	500	ug/ml
Aromatic C21-C36	12.678	18.084	15720052	102.938	800	ug/ml
Aromatic EPH	4.090	18.084	132487210	793.782		ug/ml
ortho-Terphenyl (SURR)	11.253	11.253	1769767	10.39		ug/ml
2-Bromonaphthalene (SURR)	7.368	7.368	2436382	16.05		ug/ml
2-Flurobiphenyl (SURR)	8.218	8.218	1287744	13.11		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.7
Sample Wt/Vol:	30.09	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/11/24 10:11	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	148		10	4.75	12.5	mg/kg FE051139.D
Aliphatic C12-C16	Aliphatic C12-C16	529		50	15.0	41.7	mg/kg FE051140.D
Aliphatic C16-C21	Aliphatic C16-C21	347		50	18.8	62.5	mg/kg FE051140.D
Aliphatic C21-C28	Aliphatic C21-C28	55.9		10	10.0	16.7	mg/kg FE051139.D
Aliphatic C28-C40	Aliphatic C28-C40	53.1		10	22.5	25.0	mg/kg FE051139.D
Aromatic C10-C12	Aromatic C10-C12	46.0		5	1.88	4.17	mg/kg FD048694.D
Aromatic C12-C16	Aromatic C12-C16	229		20	8.51	25.0	mg/kg FD048695.D
Aromatic C16-C21	Aromatic C16-C21	438		20	24.0	41.7	mg/kg FD048695.D
Aromatic C21-C36	Aromatic C21-C36	81.8		5	12.5	16.7	mg/kg FD048694.D
Total AliphaticEPH	Total AliphaticEPH	1130			71.0	158	mg/kg
Total AromaticEPH	Total AromaticEPH	795			46.9	87.6	mg/kg
Total EPH	Total EPH	1930			118	246	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:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-1		SDG No.:	P4721	
Lab Sample ID:	P4721-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79.7	
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051126.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	124	E	0.48	1.25	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	414	E	0.30	0.83	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	287	E	0.38	1.25	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	61.1	E	1.00	1.67	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	56.6	E	2.25	2.50	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	53.6		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-04	Acq On:	08 Nov 2024 19:08
Client Sample ID:	EX-11-TPH-1	Operator:	YP\AJ
Data file:	FE051126.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	209014025	1490	300	ug/ml
Aliphatic C12-C16	6.759	10.191	698386559	4970	200	ug/ml
Aliphatic C16-C21	10.192	13.550	474960414	3450	300	ug/ml
Aliphatic C21-C28	13.551	17.206	98069105	732.124	400	ug/ml
Aliphatic C28-C40	17.207	22.053	87388772	678.756	600	ug/ml
Aliphatic EPH	3.140	22.053	1567818875	11300		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.291	13.291	6088296	53.63		ug/ml
Aliphatic C9-C28	3.140	17.206	1480430103	10600	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-1		SDG No.:	P4721	
Lab Sample ID:	P4721-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79.7	
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048684.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	39.2	E	0.38	0.83	mg/kg
Aromatic C12-C16	Aromatic C12-C16	178	E	0.43	1.25	mg/kg
Aromatic C16-C21	Aromatic C16-C21	370	E	1.20	2.08	mg/kg
Aromatic C21-C36	Aromatic C21-C36	79.3	E	2.50	3.34	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	74.3		40 - 140	149%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	69.8		40 - 140	140%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.2		40 - 140	90%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-04	Acq On:	08 Nov 2024 23:00
Client Sample ID:	EX-11-TPH-1	Operator:	YP/AJ
Data file:	FD048684.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.092	5.810	82903524	470.501	200	ug/ml
Aromatic C12-C16	5.811	8.415	379123772	2140	300	ug/ml
Aromatic C16-C21	8.416	12.678	727268770	4440	500	ug/ml
Aromatic C21-C36	12.679	18.083	145121420	950.288	800	ug/ml
Aromatic EPH	4.092	18.083	1334417486	8000		ug/ml
2-Bromonaphthalene (SURR)	7.379	7.379	11281143	74.33		ug/ml
2-Fluorobiphenyl (SURR)	8.234	8.234	6854475	69.81		ug/ml
ortho-Terphenyl (SURR)	11.273	11.273	7699249	45.2		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-1DL	SDG No.:	P4721
Lab Sample ID:	P4721-04DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051139.D	10	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	148		4.75	12.5	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	516	E	3.00	8.34	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	345	E	3.75	12.5	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	55.9		10.0	16.7	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	53.1		22.5	25.0	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.59		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-04DL	Acq On:	11 Nov 2024 10:11
Client Sample ID:	EX-11-TPH-1DL	Operator:	YP\AJ
Data file:	FE051139.D	Misc:	
Instrument:	FID_E	ALS Vial:	7
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.140	22.059	186150913	1340		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.288	13.288	521577	4.59		ug/ml
Aliphatic C9-C12	3.140	6.760	24834331	177.496	300	ug/ml
Aliphatic C12-C16	6.761	10.193	87107819	619.387	200	ug/ml
Aliphatic C16-C21	10.194	13.553	57034600	413.99	300	ug/ml
Aliphatic C21-C28	13.554	17.209	8971470	66.975	400	ug/ml
Aliphatic C28-C40	17.210	22.059	8202693	63.711	600	ug/ml
Aliphatic C9-C28	3.140	17.209	177948220	1280	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-1DL	SDG No.:	P4721
Lab Sample ID:	P4721-04DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048694.D	5	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	46.0		1.88	4.17	mg/kg
Aromatic C12-C16	Aromatic C12-C16	206	E	2.13	6.25	mg/kg
Aromatic C16-C21	Aromatic C16-C21	423	E	6.00	10.4	mg/kg
Aromatic C21-C36	Aromatic C21-C36	81.8		12.5	16.7	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	17.0		40 - 140	170%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	14.6		40 - 140	146%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	9.81		40 - 140	98%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-04DL	Acq On:	11 Nov 2024 12:15
Client Sample ID:	EX-11-TPH-1DL	Operator:	YP/AJ
Data file:	FD048694.D	Misc:	
Instrument:	FID_D	ALS Vial:	60
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.090	5.808	19437259	110.312	200	ug/ml
Aromatic C12-C16	5.809	8.414	87944437	496.095	300	ug/ml
Aromatic C16-C21	8.415	12.677	166578773	1020	500	ug/ml
Aromatic C21-C36	12.678	18.084	29957452	196.168	800	ug/ml
Aromatic EPH	4.090	18.084	303917921	1820		ug/ml
ortho-Terphenyl (SURR)	11.255	11.255	1670490	9.81		ug/ml
2-Bromonaphthalene (SURR)	7.369	7.369	2579027	16.99		ug/ml
2-Flurobiphenyl (SURR)	8.220	8.220	1437582	14.64		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-1DL2	SDG No.:	P4721
Lab Sample ID:	P4721-04DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051140.D	50	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	145		23.8	62.5	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	529		15.0	41.7	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	347		18.8	62.5	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	59.0	J	50.0	83.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	38.9	J	112	125	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.98		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-04DL2	Acq On:	11 Nov 2024 10:41
Client Sample ID:	EX-11-TPH-1DL2	Operator:	YP\AJ
Data file:	FE051140.D	Misc:	
Instrument:	FID_E	ALS Vial:	8
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.140	22.059	37311171	268.641		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.290	13.290	110966	0.98		ug/ml
Aliphatic C9-C12	3.140	6.760	4883194	34.901	300	ug/ml
Aliphatic C12-C16	6.761	10.193	17864946	127.03	200	ug/ml
Aliphatic C16-C21	10.194	13.553	11466516	83.231	300	ug/ml
Aliphatic C21-C28	13.554	17.209	1896637	14.159	400	ug/ml
Aliphatic C28-C40	17.210	22.059	1199878	9.32	600	ug/ml
Aliphatic C9-C28	3.140	17.209	36111293	259.321	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-1DL2	SDG No.:	P4721
Lab Sample ID:	P4721-04DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048695.D	20	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	48.1		7.51	16.7	mg/kg
Aromatic C12-C16	Aromatic C12-C16	229		8.51	25.0	mg/kg
Aromatic C16-C21	Aromatic C16-C21	438		24.0	41.7	mg/kg
Aromatic C21-C36	Aromatic C21-C36	61.9	J	50.0	66.7	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	4.34		40 - 140	174%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	2.96		40 - 140	118%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.44		40 - 140	98%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-04DL2	Acq On:	11 Nov 2024 12:52
Client Sample ID:	EX-11-TPH-1DL2	Operator:	YP/AJ
Data file:	FD048695.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.090	5.808	5076588	28.811	200	ug/ml
Aromatic C12-C16	5.809	8.414	24422951	137.77	300	ug/ml
Aromatic C16-C21	8.415	12.677	43091924	263.024	500	ug/ml
Aromatic C21-C36	12.678	18.084	5664176	37.09	800	ug/ml
Aromatic EPH	4.090	18.084	78255639	466.695		ug/ml
ortho-Terphenyl (SURR)	11.251	11.251	416306	2.44		ug/ml
2-Bromonaphthalene (SURR)	7.369	7.369	659403	4.34		ug/ml
2-Flurobiphenyl (SURR)	8.222	8.222	290851	2.96		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.5
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/08/24 22:09	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	128		10	4.15	10.9	mg/kg FE051132.D
Aliphatic C12-C16	Aliphatic C12-C16	714		50	13.1	36.4	mg/kg FE051144.D
Aliphatic C16-C21	Aliphatic C16-C21	720		50	16.4	54.6	mg/kg FE051144.D
Aliphatic C21-C28	Aliphatic C21-C28	108		10	8.73	14.5	mg/kg FE051132.D
Aliphatic C28-C40	Aliphatic C28-C40	203		10	19.6	21.8	mg/kg FE051132.D
Aromatic C10-C12	Aromatic C10-C12	71.8		10	3.27	7.27	mg/kg FF014985.D
Aromatic C12-C16	Aromatic C12-C16	388		50	18.5	54.6	mg/kg FF014996.D
Aromatic C16-C21	Aromatic C16-C21	1060		50	52.4	90.9	mg/kg FF014996.D
Aromatic C21-C36	Aromatic C21-C36	285		10	21.8	29.1	mg/kg FF014985.D
Total AliphaticEPH	Total AliphaticEPH	1870			62.0	138	mg/kg
Total AromaticEPH	Total AromaticEPH	1810			96.0	182	mg/kg
Total EPH	Total EPH	3680			158	320	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:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-2		SDG No.:	P4721	
Lab Sample ID:	P4721-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	91.5	
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
FE051132.D	10	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	128		4.15	10.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	669	E	2.62	7.27	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	631	E	3.27	10.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	108		8.73	14.5	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	203		19.6	21.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	3.88		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-05	Acq On:	08 Nov 2024 22:09
Client Sample ID:	EX-11-TPH-2	Operator:	YP\AJ
Data file:	FE051132.D	Misc:	
Instrument:	FID_E	ALS Vial:	32
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	24780249	177.11	300	ug/ml
Aliphatic C12-C16	6.759	10.191	129375713	919.936	200	ug/ml
Aliphatic C16-C21	10.192	13.550	119614037	868.228	300	ug/ml
Aliphatic C21-C28	13.551	17.206	19985307	149.198	400	ug/ml
Aliphatic C28-C40	17.207	22.053	36095690	280.358	600	ug/ml
Aliphatic EPH	3.140	22.053	329850996	2390		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.284	13.284	440432	3.88		ug/ml
Aliphatic C9-C28	3.140	17.206	293755306	2110	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-2		SDG No.:	P4721	
Lab Sample ID:	P4721-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	91.5	
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
FF014985.D	10	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	71.8		3.27	7.27	mg/kg
Aromatic C12-C16	Aromatic C12-C16	346	E	3.71	10.9	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1010	E	10.5	18.2	mg/kg
Aromatic C21-C36	Aromatic C21-C36	285		21.8	29.1	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	7.52		40 - 140	150%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	6.29		40 - 140	126%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.72		40 - 140	74%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-05	Acq On:	08 Nov 2024 22:14
Client Sample ID:	EX-11-TPH-2	Operator:	YP\AJ
Data file:	FF014985.D	Misc:	
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	15252397	98.677	200	ug/ml
Aromatic C12-C16	6.366	8.961	73098040	476.02	300	ug/ml
Aromatic C16-C21	8.962	13.378	197242549	1390	500	ug/ml
Aromatic C21-C36	13.379	18.826	54257267	393.052	800	ug/ml
Aromatic EPH	4.496	18.826	339850253	2360		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	1000942	7.52		ug/ml
2-Fluorobiphenyl (SURR)	8.866	8.866	560559	6.29		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	548277	3.72		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-2DL	SDG No.:	P4721
Lab Sample ID:	P4721-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.5
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
FE051144.D	50	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	145		20.7	54.6	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	714		13.1	36.4	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	720		16.4	54.6	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	106		43.6	72.7	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	187		98.2	109	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:	P4721-05DL	Acq On:	11 Nov 2024 12:42
Client Sample ID:	EX-11-TPH-2DL	Operator:	YP\AJ
Data file:	FE051144.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.760	5582760	39.901	300	ug/ml
Aliphatic C12-C16	6.761	10.193	27614965	196.358	200	ug/ml
Aliphatic C16-C21	10.194	13.553	27281340	198.024	300	ug/ml
Aliphatic C21-C28	13.554	17.209	3918000	29.249	400	ug/ml
Aliphatic C28-C40	17.210	22.059	6641608	51.586	600	ug/ml
Aliphatic EPH	3.140	22.059	71038673	515.119		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	3.140	17.209	64397065	463.532	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-2DL	SDG No.:	P4721
Lab Sample ID:	P4721-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.5
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
FF014996.D	50	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	86.5		16.4	36.4	mg/kg
Aromatic C12-C16	Aromatic C12-C16	388		18.5	54.6	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1060		52.4	90.9	mg/kg
Aromatic C21-C36	Aromatic C21-C36	232		109	145	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	1.81		40 - 140	181%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	1.23		40 - 140	123%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.85		40 - 140	85%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-05DL	Acq On:	11 Nov 2024 12:43
Client Sample ID:	EX-11-TPH-2DL	Operator:	YP\AJ
Data file:	FF014996.D	Misc:	
Instrument:	FID_F	ALS Vial:	66
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.510	6.375	3678325	23.797	200	ug/ml
Aromatic C12-C16	6.376	9.068	16413337	106.885	300	ug/ml
Aromatic C16-C21	9.069	13.383	41577915	292.604	500	ug/ml
Aromatic C21-C36	13.384	18.828	8823184	63.917	800	ug/ml
Aromatic EPH	4.510	18.828	70492761	487.203		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	240837	1.81		ug/ml
2-Fluorobiphenyl (SURR)	8.866	8.866	109948	1.23		ug/ml
ortho-Terphenyl (SURR)	11.928	11.928	124457	0.85		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.4
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
11/08/24 08:47	11/08/24 20:08	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	7.96		1	0.48	1.26	mg/kg FE051128.D
Aliphatic C12-C16	Aliphatic C12-C16	23.4		2	0.60	1.68	mg/kg FE051141.D
Aliphatic C16-C21	Aliphatic C16-C21	21.6		1	0.38	1.26	mg/kg FE051128.D
Aliphatic C21-C28	Aliphatic C21-C28	3.03		1	1.01	1.68	mg/kg FE051128.D
Aliphatic C28-C40	Aliphatic C28-C40	12.7		1	2.26	2.52	mg/kg FE051128.D
Aromatic C10-C12	Aromatic C10-C12	2.23		1	0.38	0.84	mg/kg FD048690.D
Aromatic C12-C16	Aromatic C12-C16	4.54		1	0.43	1.26	mg/kg FD048690.D
Aromatic C16-C21	Aromatic C16-C21	16.3		1	1.21	2.10	mg/kg FD048690.D
Aromatic C21-C36	Aromatic C21-C36	10.3		1	2.52	3.36	mg/kg FD048690.D
Total AliphaticEPH	Total AliphaticEPH	68.7			4.73	8.40	mg/kg
Total AromaticEPH	Total AromaticEPH	33.4			4.54	7.56	mg/kg
Total EPH	Total EPH	102			9.26	16.0	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-3		SDG No.:	P4721	
Lab Sample ID:	P4721-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79.4	
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
FE051128.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	7.96		0.48	1.26	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	23.9	E	0.30	0.84	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	21.6		0.38	1.26	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	3.03		1.01	1.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.7		2.26	2.52	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.4		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-06	Acq On:	08 Nov 2024 20:08
Client Sample ID:	EX-11-TPH-3	Operator:	YP\AJ
Data file:	FE051128.D	Misc:	
Instrument:	FID_E	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	13276873	94.893	300	ug/ml
Aliphatic C12-C16	6.759	10.191	40076054	284.964	200	ug/ml
Aliphatic C16-C21	10.192	13.550	35408456	257.015	300	ug/ml
Aliphatic C21-C28	13.551	17.206	4839801	36.131	400	ug/ml
Aliphatic C28-C40	17.207	22.053	19418342	150.824	600	ug/ml
Aliphatic EPH	3.140	22.053	113019526	823.826		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.285	13.285	4016554	35.38		ug/ml
Aliphatic C9-C28	3.140	17.206	93601184	673.003	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-3		SDG No.:	P4721	
Lab Sample ID:	P4721-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79.4	
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
FD048690.D	1	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	2.23		0.38	0.84	mg/kg
Aromatic C12-C16	Aromatic C12-C16	4.54		0.43	1.26	mg/kg
Aromatic C16-C21	Aromatic C16-C21	16.3		1.21	2.10	mg/kg
Aromatic C21-C36	Aromatic C21-C36	10.3		2.52	3.36	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	63.5		40 - 140	127%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.6		40 - 140	109%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.8		40 - 140	70%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-06	Acq On:	11 Nov 2024 09:48
Client Sample ID:	EX-11-TPH-3	Operator:	YP/AJ
Data file:	FD048690.D	Misc:	
Instrument:	FID_D	ALS Vial:	56
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.090	5.808	4692693	26.632	200	ug/ml
Aromatic C12-C16	5.809	8.414	9599345	54.15	300	ug/ml
Aromatic C16-C21	8.415	12.677	31763754	193.879	500	ug/ml
Aromatic C21-C36	12.678	18.084	18707897	122.504	800	ug/ml
Aromatic EPH	4.090	18.084	64763689	397.165		ug/ml
2-Bromonaphthalene (SURR)	7.370	7.370	9645668	63.55		ug/ml
2-Fluorobiphenyl (SURR)	8.219	8.219	5357280	54.56		ug/ml
ortho-Terphenyl (SURR)	11.255	11.255	5923993	34.78		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-3DL		SDG No.:	P4721	
Lab Sample ID:	P4721-06DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79.4	
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
FE051141.D	2	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	7.34		0.96	2.52	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	23.4		0.60	1.68	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	24.4		0.76	2.52	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	3.60		2.01	3.36	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.7		4.53	5.03	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	18.0		40 - 140	72%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-06DL	Acq On:	11 Nov 2024 11:11
Client Sample ID:	EX-11-TPH-3DL	Operator:	YP\AJ
Data file:	FE051141.D	Misc:	
Instrument:	FID_E	ALS Vial:	9
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.140	22.059	58411820	425.939		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.287	13.287	2047221	18.03		ug/ml
Aliphatic C9-C12	3.140	6.760	6123699	43.767	300	ug/ml
Aliphatic C12-C16	6.761	10.193	19627135	139.56	200	ug/ml
Aliphatic C16-C21	10.194	13.553	20059819	145.606	300	ug/ml
Aliphatic C21-C28	13.554	17.209	2878039	21.486	400	ug/ml
Aliphatic C28-C40	17.210	22.059	9723128	75.52	600	ug/ml
Aliphatic C9-C28	3.140	17.209	48688692	350.419	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-4	SDG No.:	P4721
Lab Sample ID:	P4721-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
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
11/08/24 08:47	11/11/24 11:41	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	205		20	8.85	23.3	mg/kg FE051142.D
Aliphatic C12-C16	Aliphatic C12-C16	771		100	28.0	77.7	mg/kg FE051143.D
Aliphatic C16-C21	Aliphatic C16-C21	520		100	35.0	116	mg/kg FE051143.D
Aliphatic C21-C28	Aliphatic C21-C28	128		20	18.6	31.1	mg/kg FE051142.D
Aliphatic C28-C40	Aliphatic C28-C40	150		20	41.9	46.6	mg/kg FE051142.D
Aromatic C10-C12	Aromatic C10-C12	72.6		5	1.75	3.88	mg/kg FF014992.D
Aromatic C12-C16	Aromatic C12-C16	347		20	7.92	23.3	mg/kg FF014993.D
Aromatic C16-C21	Aromatic C16-C21	682		20	22.4	38.8	mg/kg FF014993.D
Aromatic C21-C36	Aromatic C21-C36	100		5	11.7	15.5	mg/kg FF014992.D
Total AliphaticEPH	Total AliphaticEPH	1770			132	295	mg/kg
Total AromaticEPH	Total AromaticEPH	1200			43.8	81.5	mg/kg
Total EPH	Total EPH	2980			176	376	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:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-4		SDG No.:	P4721	
Lab Sample ID:	P4721-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.6	
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
FE051129.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	181	E	0.44	1.17	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	637	E	0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	474	E	0.35	1.17	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	160	E	0.93	1.55	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	154	E	2.10	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.4		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:	P4721-07	Acq On:	08 Nov 2024 20:38
Client Sample ID:	EX-11-TPH-4	Operator:	YP\AJ
Data file:	FE051129.D	Misc:	
Instrument:	FID_E	ALS Vial:	29
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	327655822	2340	300	ug/ml
Aliphatic C12-C16	6.759	10.191	1154413354	8210	200	ug/ml
Aliphatic C16-C21	10.192	13.550	841947349	6110	300	ug/ml
Aliphatic C21-C28	13.551	17.206	276801433	2070	400	ug/ml
Aliphatic C28-C40	17.207	22.053	256352039	1990	600	ug/ml
Aliphatic EPH	3.140	22.053	2857169997	20700		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.295	13.295	4929156	43.42		ug/ml
Aliphatic C9-C28	3.140	17.206	2600817958	18700	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-4		SDG No.:	P4721	
Lab Sample ID:	P4721-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.6	
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
FF014977.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	60.9	E	0.35	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	250	E	0.40	1.17	mg/kg
Aromatic C16-C21	Aromatic C16-C21	556	E	1.12	1.94	mg/kg
Aromatic C21-C36	Aromatic C21-C36	105	E	2.33	3.11	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	81.6		40 - 140	163%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	73.4		40 - 140	147%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	50.3		40 - 140	101%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-07	Acq On:	08 Nov 2024 18:27
Client Sample ID:	EX-11-TPH-4	Operator:	YP\AJ
Data file:	FF014977.D	Misc:	
Instrument:	FID_F	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	121177108	783.967	200	ug/ml
Aromatic C12-C16	6.366	8.961	495658655	3230	300	ug/ml
Aromatic C16-C21	8.962	13.378	1018610390	7170	500	ug/ml
Aromatic C21-C36	13.379	18.826	187503556	1360	800	ug/ml
Aromatic EPH	4.496	18.826	1822949709	12500		ug/ml
2-Bromonaphthalene (SURR)	8.004	8.004	10855842	81.57		ug/ml
2-Fluorobiphenyl (SURR)	8.886	8.886	6548179	73.42		ug/ml
ortho-Terphenyl (SURR)	11.951	11.951	7404197	50.27		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-4DL		SDG No.:	P4721	
Lab Sample ID:	P4721-07DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.6	
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
FE051142.D	20	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	205		8.85	23.3	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	730	E	5.59	15.5	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	517	E	6.99	23.3	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	128		18.6	31.1	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	150		41.9	46.6	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	2.58		40 - 140	103%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-07DL	Acq On:	11 Nov 2024 11:41
Client Sample ID:	EX-11-TPH-4DL	Operator:	YP\AJ
Data file:	FE051142.D	Misc:	
Instrument:	FID_E	ALS Vial:	10
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.140	22.059	154070095	1120		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.287	13.287	292491	2.58		ug/ml
Aliphatic C9-C12	3.140	6.760	18512408	132.312	300	ug/ml
Aliphatic C12-C16	6.761	10.193	66112894	470.101	200	ug/ml
Aliphatic C16-C21	10.194	13.553	45913064	333.264	300	ug/ml
Aliphatic C21-C28	13.554	17.209	11095914	82.835	400	ug/ml
Aliphatic C28-C40	17.210	22.059	12435815	96.59	600	ug/ml
Aliphatic C9-C28	3.140	17.209	141634280	1020	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-4DL		SDG No.:	P4721	
Lab Sample ID:	P4721-07DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.6	
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
FF014992.D	5	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	72.6		1.75	3.88	mg/kg
Aromatic C12-C16	Aromatic C12-C16	316	E	1.98	5.83	mg/kg
Aromatic C16-C21	Aromatic C16-C21	621	E	5.59	9.71	mg/kg
Aromatic C21-C36	Aromatic C21-C36	100		11.7	15.5	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	18.3		40 - 140	183%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	16.5		40 - 140	165%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	11.2		40 - 140	112%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-07DL	Acq On:	11 Nov 2024 10:50
Client Sample ID:	EX-11-TPH-4DL	Operator:	YP\AJ
Data file:	FF014992.D	Misc:	
Instrument:	FID_F	ALS Vial:	62
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.510	6.375	28884812	186.873	200	ug/ml
Aromatic C12-C16	6.376	9.068	125322653	816.111	300	ug/ml
Aromatic C16-C21	9.069	13.383	227459221	1600	500	ug/ml
Aromatic C21-C36	13.384	18.828	35525704	257.356	800	ug/ml
Aromatic EPH	4.510	18.828	417192390	2860		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	1653293	11.22		ug/ml
2-Bromonaphthalene (SURR)	7.994	7.994	2432412	18.28		ug/ml
2-Fluorobiphenyl (SURR)	8.870	8.870	1469689	16.48		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-4DL2	SDG No.:	P4721
Lab Sample ID:	P4721-07DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
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
FE051143.D	100	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	207		44.3	116	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	771		28.0	77.7	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	520		35.0	116	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	117	J	93.2	155	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	96.4	J	209	233	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:	P4721-07DL2	Acq On:	11 Nov 2024 12:11
Client Sample ID:	EX-11-TPH-4DL2	Operator:	YP\AJ
Data file:	FE051143.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	3.140	22.059	30559016	220.566		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	3.140	6.760	3731247	26.668	300	ug/ml
Aliphatic C12-C16	6.761	10.193	13961208	99.272	200	ug/ml
Aliphatic C16-C21	10.194	13.553	9239336	67.064	300	ug/ml
Aliphatic C21-C28	13.554	17.209	2028793	15.146	400	ug/ml
Aliphatic C28-C40	17.210	22.059	1598432	12.415	600	ug/ml
Aliphatic C9-C28	3.140	17.209	28960584	208.15	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-4DL2	SDG No.:	P4721
Lab Sample ID:	P4721-07DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
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
FF014993.D	20	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	84.7		6.99	15.5	mg/kg
Aromatic C12-C16	Aromatic C12-C16	347		7.92	23.3	mg/kg
Aromatic C16-C21	Aromatic C16-C21	682		22.4	38.8	mg/kg
Aromatic C21-C36	Aromatic C21-C36	82.8		46.6	62.1	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	5.20		40 - 140	208%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	4.69		40 - 140	188%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.91		40 - 140	116%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-07DL2	Acq On:	11 Nov 2024 11:18
Client Sample ID:	EX-11-TPH-4DL2	Operator:	YP\AJ
Data file:	FF014993.D	Misc:	
Instrument:	FID_F	ALS Vial:	63
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.510	6.375	8424653	54.504	200	ug/ml
Aromatic C12-C16	6.376	9.068	34328934	223.553	300	ug/ml
Aromatic C16-C21	9.069	13.383	62422227	439.295	500	ug/ml
Aromatic C21-C36	13.384	18.828	7360782	53.323	800	ug/ml
Aromatic EPH	4.510	18.828	112536596	770.675		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	691985	5.2		ug/ml
2-Fluorobiphenyl (SURR)	8.867	8.867	418524	4.69		ug/ml
ortho-Terphenyl (SURR)	11.928	11.928	428992	2.91		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-1		SDG No.:	P4721	
Lab Sample ID:	P4721-08		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.7	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/08/24 21:08	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.59	J	1	0.45	1.19	mg/kg	FE051130.D
Aliphatic C12-C16	Aliphatic C12-C16	1.06		1	0.29	0.80	mg/kg	FE051130.D
Aliphatic C16-C21	Aliphatic C16-C21	0.77	J	1	0.36	1.19	mg/kg	FE051130.D
Aliphatic C21-C28	Aliphatic C21-C28	1.14	J	1	0.95	1.59	mg/kg	FE051130.D
Aliphatic C28-C40	Aliphatic C28-C40	19.4		1	2.15	2.38	mg/kg	FE051130.D
Aromatic C10-C12	Aromatic C10-C12	0.43	J	1	0.36	0.80	mg/kg	FF014978.D
Aromatic C12-C16	Aromatic C12-C16	0.64	J	1	0.41	1.19	mg/kg	FF014978.D
Aromatic C16-C21	Aromatic C16-C21	7.11		1	1.14	1.99	mg/kg	FF014978.D
Aromatic C21-C36	Aromatic C21-C36	2.45	J	1	2.38	3.18	mg/kg	FF014978.D
Total AliphaticEPH	Total AliphaticEPH	23.0			4.20	7.14	mg/kg	
Total AromaticEPH	Total AromaticEPH	10.6			4.28	7.16	mg/kg	
Total EPH	Total EPH	33.6			8.48	14.3	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:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-1		SDG No.:	P4721	
Lab Sample ID:	P4721-08		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.7	
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
FE051130.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.59	J	0.45	1.19	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.06		0.29	0.80	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.77	J	0.36	1.19	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.14	J	0.95	1.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	19.4		2.15	2.38	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.2		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-08	Acq On:	08 Nov 2024 21:08
Client Sample ID:	EX-9-TPH-1	Operator:	YP\AJ
Data file:	FE051130.D	Misc:	
Instrument:	FID_E	ALS Vial:	30
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	1044197	7.463	300	ug/ml
Aliphatic C12-C16	6.759	10.191	1881201	13.376	200	ug/ml
Aliphatic C16-C21	10.192	13.550	1332302	9.671	300	ug/ml
Aliphatic C21-C28	13.551	17.206	1916409	14.307	400	ug/ml
Aliphatic C28-C40	17.207	22.053	31452685	244.296	600	ug/ml
Aliphatic EPH	3.140	22.053	37626794	289.113		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.285	13.285	4220598	37.18		ug/ml
Aliphatic C9-C28	3.140	17.206	6174109	44.817	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-1		SDG No.:	P4721	
Lab Sample ID:	P4721-08		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.7	
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
FF014978.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.43	J	0.36	0.80	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.64	J	0.41	1.19	mg/kg
Aromatic C16-C21	Aromatic C16-C21	7.11		1.14	1.99	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.45	J	2.38	3.18	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	62.9		40 - 140	126%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	59.9		40 - 140	120%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.5		40 - 140	77%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-08	Acq On:	08 Nov 2024 18:55
Client Sample ID:	EX-9-TPH-1	Operator:	YP\AJ
Data file:	FF014978.D	Misc:	
Instrument:	FID_F	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	837201	5.416	200	ug/ml
Aromatic C12-C16	6.366	8.961	1231631	8.02	300	ug/ml
Aromatic C16-C21	8.962	13.378	12720234	89.518	500	ug/ml
Aromatic C21-C36	13.379	18.826	4253693	30.815	800	ug/ml
Aromatic EPH	4.496	18.826	19042759	133.77		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	8373036	62.92		ug/ml
2-Fluorobiphenyl (SURR)	8.871	8.871	5337555	59.85		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	5677772	38.55		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-2		SDG No.:	P4721	
Lab Sample ID:	P4721-09		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.5	
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
11/08/24 08:47	11/08/24 21:39	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	1.41		1	0.44	1.17	mg/kg	FE051131.D
Aliphatic C12-C16	Aliphatic C12-C16	2.33		1	0.28	0.78	mg/kg	FE051131.D
Aliphatic C16-C21	Aliphatic C16-C21	1.48		1	0.35	1.17	mg/kg	FE051131.D
Aliphatic C21-C28	Aliphatic C21-C28	0.93	U	1	0.93	1.56	mg/kg	FE051131.D
Aliphatic C28-C40	Aliphatic C28-C40	12.1		1	2.10	2.34	mg/kg	FE051131.D
Aromatic C10-C12	Aromatic C10-C12	0.65	J	1	0.35	0.78	mg/kg	FF014979.D
Aromatic C12-C16	Aromatic C12-C16	1.23		1	0.40	1.17	mg/kg	FF014979.D
Aromatic C16-C21	Aromatic C16-C21	3.88		1	1.12	1.95	mg/kg	FF014979.D
Aromatic C21-C36	Aromatic C21-C36	2.34	U	1	2.34	3.11	mg/kg	FF014979.D
Total AliphaticEPH	Total AliphaticEPH	17.3			4.11	7.02	mg/kg	
Total AromaticEPH	Total AromaticEPH	5.76	J		4.21	7.01	mg/kg	
Total EPH	Total EPH	23.1			8.31	14.0	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-2		SDG No.:	P4721	
Lab Sample ID:	P4721-09		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.5	
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
FE051131.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1.41		0.44	1.17	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.33		0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	1.48		0.35	1.17	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.93	U	0.93	1.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.1		2.10	2.34	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.2		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-09	Acq On:	08 Nov 2024 21:39
Client Sample ID:	EX-9-TPH-2	Operator:	YP\AJ
Data file:	FE051131.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	3.140	6.758	2533407	18.107	300	ug/ml
Aliphatic C12-C16	6.759	10.191	4201651	29.876	200	ug/ml
Aliphatic C16-C21	10.192	13.550	2626518	19.065	300	ug/ml
Aliphatic C21-C28	13.551	17.206	1308801	9.771	400	ug/ml
Aliphatic C28-C40	17.207	22.053	20051290	155.74	600	ug/ml
Aliphatic EPH	3.140	22.053	30721667	232.559		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.285	13.285	4332840	38.16		ug/ml
Aliphatic C9-C28	3.140	17.206	10670377	76.819	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-2		SDG No.:	P4721	
Lab Sample ID:	P4721-09		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.5	
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
FF014979.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.65	J	0.35	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	1.23		0.40	1.17	mg/kg
Aromatic C16-C21	Aromatic C16-C21	3.88		1.12	1.95	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.34	U	2.34	3.11	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	61.9		40 - 140	124%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	60.5		40 - 140	121%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.8		40 - 140	72%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-09	Acq On:	08 Nov 2024 19:24
Client Sample ID:	EX-9-TPH-2	Operator:	YP\AJ
Data file:	FF014979.D	Misc:	
Instrument:	FID_F	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	1284489	8.31	200	ug/ml
Aromatic C12-C16	6.366	8.961	2422728	15.777	300	ug/ml
Aromatic C16-C21	8.962	13.378	7076617	49.802	500	ug/ml
Aromatic C21-C36	13.379	18.826	2814884	20.392	800	ug/ml
Aromatic EPH	4.496	18.826	13598718	94.28		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	8243138	61.94		ug/ml
2-Fluorobiphenyl (SURR)	8.871	8.871	5392547	60.46		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	5270630	35.78		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-3		SDG No.:	P4721	
Lab Sample ID:	P4721-10		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.2	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/08/24 19:38	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	3.43		1	0.45	1.17	mg/kg	FE051127.D
Aliphatic C12-C16	Aliphatic C12-C16	10.9		1	0.28	0.78	mg/kg	FE051127.D
Aliphatic C16-C21	Aliphatic C16-C21	8.32		1	0.35	1.17	mg/kg	FE051127.D
Aliphatic C21-C28	Aliphatic C21-C28	0.96	J	1	0.94	1.56	mg/kg	FE051127.D
Aliphatic C28-C40	Aliphatic C28-C40	11.2		1	2.11	2.35	mg/kg	FE051127.D
Aromatic C10-C12	Aromatic C10-C12	1.34		1	0.35	0.78	mg/kg	FF014980.D
Aromatic C12-C16	Aromatic C12-C16	8.39		1	0.40	1.17	mg/kg	FF014980.D
Aromatic C16-C21	Aromatic C16-C21	14.1		1	1.13	1.95	mg/kg	FF014980.D
Aromatic C21-C36	Aromatic C21-C36	2.35	U	1	2.35	3.13	mg/kg	FF014980.D
Total AliphaticEPH	Total AliphaticEPH	34.8			4.13	7.03	mg/kg	
Total AromaticEPH	Total AromaticEPH	23.8			4.23	7.03	mg/kg	
Total EPH	Total EPH	58.6			8.36	14.1	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:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-3		SDG No.:	P4721	
Lab Sample ID:	P4721-10		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.2	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051127.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	3.43		0.45	1.17	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	10.9		0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.32		0.35	1.17	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.96	J	0.94	1.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.2		2.11	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.7		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-10	Acq On:	08 Nov 2024 19:38
Client Sample ID:	EX-9-TPH-3	Operator:	YP\AJ
Data file:	FE051127.D	Misc:	
Instrument:	FID_E	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	6147416	43.937	300	ug/ml
Aliphatic C12-C16	6.759	10.191	19558473	139.072	200	ug/ml
Aliphatic C16-C21	10.192	13.550	14656994	106.389	300	ug/ml
Aliphatic C21-C28	13.551	17.206	1635832	12.212	400	ug/ml
Aliphatic C28-C40	17.207	22.053	18478011	143.52	600	ug/ml
Aliphatic EPH	3.140	22.053	60476726	445.13		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.286	13.286	3707687	32.66		ug/ml
Aliphatic C9-C28	3.140	17.206	41998715	301.61	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-3		SDG No.:	P4721	
Lab Sample ID:	P4721-10		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.2	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014980.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	1.34		0.35	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.39		0.40	1.17	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.1		1.13	1.95	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.35	U	2.35	3.13	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	54.4		40 - 140	109%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.0		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.4		40 - 140	67%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-10	Acq On:	08 Nov 2024 19:52
Client Sample ID:	EX-9-TPH-3	Operator:	YP\AJ
Data file:	FF014980.D	Misc:	
Instrument:	FID_F	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	2644125	17.106	200	ug/ml
Aromatic C12-C16	6.366	8.961	16475329	107.289	300	ug/ml
Aromatic C16-C21	8.962	13.378	25648683	180.502	500	ug/ml
Aromatic C21-C36	13.379	18.826	3546762	25.694	800	ug/ml
Aromatic EPH	4.496	18.826	48314899	330.591		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	7241706	54.42		ug/ml
2-Fluorobiphenyl (SURR)	8.870	8.870	4814895	53.99		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	4919018	33.4		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-4	SDG No.:	P4721
Lab Sample ID:	P4721-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.4
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
11/08/24 08:47	11/11/24 10:22	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	46.0		10	4.25	11.2	mg/kg FG014724.D
Aliphatic C12-C16	Aliphatic C12-C16	69.0		10	2.68	7.45	mg/kg FG014724.D
Aliphatic C16-C21	Aliphatic C16-C21	8.99		1	0.34	1.12	mg/kg FG014713.D
Aliphatic C21-C28	Aliphatic C21-C28	1.19	J	1	0.89	1.49	mg/kg FG014713.D
Aliphatic C28-C40	Aliphatic C28-C40	2.43		1	2.01	2.24	mg/kg FG014713.D
Aromatic C10-C12	Aromatic C10-C12	10.4		1	0.34	0.75	mg/kg FF014981.D
Aromatic C12-C16	Aromatic C12-C16	20.8		1	0.38	1.12	mg/kg FF014981.D
Aromatic C16-C21	Aromatic C16-C21	14.3		1	1.07	1.86	mg/kg FF014981.D
Aromatic C21-C36	Aromatic C21-C36	2.24	U	1	2.24	2.98	mg/kg FF014981.D
Total AliphaticEPH	Total AliphaticEPH	128			10.2	23.5	mg/kg
Total AromaticEPH	Total AromaticEPH	45.5			4.03	6.71	mg/kg
Total EPH	Total EPH	173			14.2	30.2	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-4		SDG No.:	P4721	
Lab Sample ID:	P4721-11		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.4	
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
FG014713.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	44.6	E	0.43	1.12	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	67.5	E	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.99		0.34	1.12	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.19	J	0.89	1.49	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.43		2.01	2.24	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.0		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:	P4721-11	Acq On:	08 Nov 2024 16:34
Client Sample ID:	EX-9-TPH-4	Operator:	YP\AJ
Data file:	FG014713.D	Misc:	
Instrument:	FID_G	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.223	6.844	78571995	598.228	300	ug/ml
Aliphatic C12-C16	6.845	10.289	123016591	905.72	200	ug/ml
Aliphatic C16-C21	10.290	13.661	17037426	120.618	300	ug/ml
Aliphatic C21-C28	13.662	17.327	2241040	15.941	400	ug/ml
Aliphatic C28-C40	17.328	22.264	3453190	32.674	600	ug/ml
Aliphatic EPH	3.223	22.264	224320242	1670		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.395	13.395	5162691	42.04		ug/ml
Aliphatic C9-C28	3.223	17.327	220867052	1640	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-4		SDG No.:	P4721	
Lab Sample ID:	P4721-11		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.4	
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
FF014981.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	10.4		0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	20.8		0.38	1.12	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.3		1.07	1.86	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.24	U	2.24	2.98	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	62.6		40 - 140	125%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	60.8		40 - 140	122%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.1		40 - 140	82%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-11	Acq On:	08 Nov 2024 20:20
Client Sample ID:	EX-9-TPH-4	Operator:	YP\AJ
Data file:	FF014981.D	Misc:	
Instrument:	FID_F	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	21486127	139.006	200	ug/ml
Aromatic C12-C16	6.366	8.961	42875315	279.207	300	ug/ml
Aromatic C16-C21	8.962	13.378	27177959	191.264	500	ug/ml
Aromatic C21-C36	13.379	18.826	3696033	26.775	800	ug/ml
Aromatic EPH	4.496	18.826	95235434	636.253		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	8331128	62.6		ug/ml
2-Fluorobiphenyl (SURR)	8.872	8.872	5426343	60.84		ug/ml
ortho-Terphenyl (SURR)	11.932	11.932	6054973	41.11		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-4DL	SDG No.:	P4721
Lab Sample ID:	P4721-11DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.4
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
FG014724.D	10	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	46.0		4.25	11.2	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	69.0		2.68	7.45	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.38	J	3.35	11.2	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	8.94	U	8.94	14.9	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.1	U	20.1	22.4	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.17		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-11DL	Acq On:	11 Nov 2024 10:22
Client Sample ID:	EX-9-TPH-4DL	Operator:	YP\AJ
Data file:	FG014724.D	Misc:	
Instrument:	FID_G	ALS Vial:	15
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.223	22.254	22945698	170.799		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.390	13.390	511442	4.17		ug/ml
Aliphatic C9-C12	3.223	6.843	8104252	61.704	300	ug/ml
Aliphatic C12-C16	6.844	10.286	12571148	92.556	200	ug/ml
Aliphatic C16-C21	10.287	13.658	1588090	11.243	300	ug/ml
Aliphatic C21-C28	13.659	17.322	493412	3.51	400	ug/ml
Aliphatic C28-C40	17.323	22.254	188796	1.786	600	ug/ml
Aliphatic C9-C28	3.223	17.322	22756902	169.013	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-5		SDG No.:	P4721	
Lab Sample ID:	P4721-12		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.9	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/08/24 17:02	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.44	J	1	0.44	1.15	mg/kg	FG014714.D
Aliphatic C12-C16	Aliphatic C12-C16	0.61	J	1	0.28	0.77	mg/kg	FG014714.D
Aliphatic C16-C21	Aliphatic C16-C21	0.35	U	1	0.35	1.15	mg/kg	FG014714.D
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	1	0.92	1.53	mg/kg	FG014714.D
Aliphatic C28-C40	Aliphatic C28-C40	2.07	U	1	2.07	2.30	mg/kg	FG014714.D
Aromatic C10-C12	Aromatic C10-C12	0.35	J	1	0.35	0.77	mg/kg	FF014982.D
Aromatic C12-C16	Aromatic C12-C16	0.45	J	1	0.39	1.15	mg/kg	FF014982.D
Aromatic C16-C21	Aromatic C16-C21	2.42		1	1.10	1.91	mg/kg	FF014982.D
Aromatic C21-C36	Aromatic C21-C36	2.30	U	1	2.30	3.06	mg/kg	FF014982.D
Total AliphaticEPH	Total AliphaticEPH	4.05	U		4.05	6.90	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.13	U		4.13	6.89	mg/kg	
Total EPH	Total EPH	8.18	U		8.18	13.8	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:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-5		SDG No.:	P4721	
Lab Sample ID:	P4721-12		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.9	
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
FG014714.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.44	J	0.44	1.15	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.61	J	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.35	U	0.35	1.15	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	0.92	1.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.07	U	2.07	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.9		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-12	Acq On:	08 Nov 2024 17:02
Client Sample ID:	EX-9-TPH-5	Operator:	YP\AJ
Data file:	FG014714.D	Misc:	
Instrument:	FID_G	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.223	6.844	751961	5.725	300	ug/ml
Aliphatic C12-C16	6.845	10.289	1079282	7.946	200	ug/ml
Aliphatic C16-C21	10.290	13.661	616820	4.367	300	ug/ml
Aliphatic C21-C28	13.662	17.327	516026	3.671	400	ug/ml
Aliphatic C28-C40	17.328	22.264	2638403	24.964	600	ug/ml
Aliphatic EPH	3.223	22.264	5602492	46.673		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.391	13.391	4278741	34.85		ug/ml
Aliphatic C9-C28	3.223	17.327	2964089	21.709	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-5		SDG No.:	P4721	
Lab Sample ID:	P4721-12		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.9	
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
FF014982.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.35	J	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.45	J	0.39	1.15	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.42		1.10	1.91	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.30	U	2.30	3.06	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.0		40 - 140	102%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.7		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.6		40 - 140	63%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-12	Acq On:	08 Nov 2024 20:49
Client Sample ID:	EX-9-TPH-5	Operator:	YP\AJ
Data file:	FF014982.D	Misc:	
Instrument:	FID_F	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	710067	4.594	200	ug/ml
Aromatic C12-C16	6.366	8.961	899352	5.857	300	ug/ml
Aromatic C16-C21	8.962	13.378	4484950	31.563	500	ug/ml
Aromatic C21-C36	13.379	18.826	3004399	21.765	800	ug/ml
Aromatic EPH	4.496	18.826	9098768	63.778		ug/ml
2-Bromonaphthalene (SURRE)	7.995	7.995	6788370	51.01		ug/ml
2-Fluorobiphenyl (SURRE)	8.869	8.869	4428729	49.66		ug/ml
ortho-Terphenyl (SURRE)	11.930	11.930	4658557	31.63		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-6		SDG No.:	P4721	
Lab Sample ID:	P4721-13		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.6	
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
11/08/24 08:47	11/08/24 17:30	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.63	J	1	0.45	1.20	mg/kg	FG014715.D
Aliphatic C12-C16	Aliphatic C12-C16	0.90		1	0.29	0.80	mg/kg	FG014715.D
Aliphatic C16-C21	Aliphatic C16-C21	0.60	J	1	0.36	1.20	mg/kg	FG014715.D
Aliphatic C21-C28	Aliphatic C21-C28	0.96	U	1	0.96	1.59	mg/kg	FG014715.D
Aliphatic C28-C40	Aliphatic C28-C40	2.15	U	1	2.15	2.39	mg/kg	FG014715.D
Aromatic C10-C12	Aromatic C10-C12	0.49	J	1	0.36	0.80	mg/kg	FF014983.D
Aromatic C12-C16	Aromatic C12-C16	0.60	J	1	0.41	1.20	mg/kg	FF014983.D
Aromatic C16-C21	Aromatic C16-C21	2.27		1	1.15	1.99	mg/kg	FF014983.D
Aromatic C21-C36	Aromatic C21-C36	2.39	U	1	2.39	3.19	mg/kg	FF014983.D
Total AliphaticEPH	Total AliphaticEPH	4.21	U		4.21	7.18	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.30	U		4.30	7.18	mg/kg	
Total EPH	Total EPH	8.51	U		8.51	14.4	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-6		SDG No.:	P4721	
Lab Sample ID:	P4721-13		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.6	
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
FG014715.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.63	J	0.45	1.20	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.90		0.29	0.80	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.60	J	0.36	1.20	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.96	U	0.96	1.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.15	U	2.15	2.39	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.5		40 - 140	51%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-13	Acq On:	08 Nov 2024 17:30
Client Sample ID:	EX-9-TPH-6	Operator:	YP\AJ
Data file:	FG014715.D	Misc:	
Instrument:	FID_G	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.223	6.844	1032781	7.863	300	ug/ml
Aliphatic C12-C16	6.845	10.289	1531457	11.275	200	ug/ml
Aliphatic C16-C21	10.290	13.661	1061236	7.513	300	ug/ml
Aliphatic C21-C28	13.662	17.327	592988	4.218	400	ug/ml
Aliphatic C28-C40	17.328	22.264	2439448	23.082	600	ug/ml
Aliphatic EPH	3.223	22.264	6657910	53.952		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.390	13.390	3132365	25.51		ug/ml
Aliphatic C9-C28	3.223	17.327	4218462	30.869	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-6	SDG No.:	P4721
Lab Sample ID:	P4721-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.6
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
FF014983.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.49	J	0.36	0.80	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.60	J	0.41	1.20	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.27		1.15	1.99	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.39	U	2.39	3.19	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	42.2		40 - 140	84%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.5		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	21.1		40 - 140	42%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-13	Acq On:	08 Nov 2024 21:17
Client Sample ID:	EX-9-TPH-6	Operator:	YP\AJ
Data file:	FF014983.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	958574	6.202	200	ug/ml
Aromatic C12-C16	6.366	8.961	1153015	7.509	300	ug/ml
Aromatic C16-C21	8.962	13.378	4046021	28.474	500	ug/ml
Aromatic C21-C36	13.379	18.826	2523675	18.282	800	ug/ml
Aromatic EPH	4.496	18.826	8681285	60.466		ug/ml
2-Bromonaphthalene (SURR)	7.994	7.994	5614472	42.19		ug/ml
2-Fluorobiphenyl (SURR)	8.869	8.869	3790854	42.5		ug/ml
ortho-Terphenyl (SURR)	11.929	11.929	3112087	21.13		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-7	SDG No.:	P4721
Lab Sample ID:	P4721-14	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/11/24 10:50	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	344		25	10.9	28.8	mg/kg FG014725.D
Aliphatic C12-C16	Aliphatic C12-C16	300		25	6.90	19.2	mg/kg FG014725.D
Aliphatic C16-C21	Aliphatic C16-C21	21.0		1	0.35	1.15	mg/kg FG014716.D
Aliphatic C21-C28	Aliphatic C21-C28	1.03	J	1	0.92	1.53	mg/kg FG014716.D
Aliphatic C28-C40	Aliphatic C28-C40	2.07	U	1	2.07	2.30	mg/kg FG014716.D
Aromatic C10-C12	Aromatic C10-C12	531		50	17.3	38.4	mg/kg FF014995.D
Aromatic C12-C16	Aromatic C12-C16	230		50	19.6	57.5	mg/kg FF014995.D
Aromatic C16-C21	Aromatic C16-C21	49.6		2	2.21	3.84	mg/kg FF014994.D
Aromatic C21-C36	Aromatic C21-C36	2.30	U	1	2.30	3.07	mg/kg FF014984.D
Total AliphaticEPH	Total AliphaticEPH	666			21.1	53.0	mg/kg
Total AromaticEPH	Total AromaticEPH	811			41.4	103	mg/kg
Total EPH	Total EPH	1480			62.5	156	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:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-7		SDG No.:	P4721	
Lab Sample ID:	P4721-14		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.8	
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
FG014716.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	303	E	0.44	1.15	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	263	E	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	21.0		0.35	1.15	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.03	J	0.92	1.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.07	U	2.07	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.2		40 - 140	44%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-14	Acq On:	08 Nov 2024 17:59
Client Sample ID:	EX-9-TPH-7	Operator:	YP\AJ
Data file:	FG014716.D	Misc:	
Instrument:	FID_G	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.223	6.844	519785212	3960	300	ug/ml
Aliphatic C12-C16	6.845	10.289	467014804	3440	200	ug/ml
Aliphatic C16-C21	10.290	13.661	38631816	273.498	300	ug/ml
Aliphatic C21-C28	13.662	17.327	1895669	13.485	400	ug/ml
Aliphatic C28-C40	17.328	22.264	505726	4.785	600	ug/ml
Aliphatic EPH	3.223	22.264	1027833227	7690		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.391	13.391	2726684	22.21		ug/ml
Aliphatic C9-C28	3.223	17.327	1027327501	7680	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-7		SDG No.:	P4721	
Lab Sample ID:	P4721-14		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.8	
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
FF014984.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	380	E	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	180	E	0.39	1.15	mg/kg
Aromatic C16-C21	Aromatic C16-C21	48.9	E	1.10	1.92	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.30	U	2.30	3.07	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	66.6		40 - 140	133%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	61.5		40 - 140	123%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.4		40 - 140	53%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-14	Acq On:	08 Nov 2024 21:45
Client Sample ID:	EX-9-TPH-7	Operator:	YP\AJ
Data file:	FF014984.D	Misc:	
Instrument:	FID_F	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	767676576	4970	200	ug/ml
Aromatic C12-C16	6.366	8.961	361270134	2350	300	ug/ml
Aromatic C16-C21	8.962	13.378	90512075	636.977	500	ug/ml
Aromatic C21-C36	13.379	18.826	3850024	27.89	800	ug/ml
Aromatic EPH	4.496	18.826	1223308809	7980		ug/ml
2-Bromonaphthalene (SURR)	8.000	8.000	8865715	66.62		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	5486583	61.52		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	3895106	26.45		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-7DL		SDG No.:	P4721	
Lab Sample ID:	P4721-14DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.8	
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
FG014725.D	25	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	344		10.9	28.8	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	300		6.90	19.2	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	14.5	J	8.63	28.8	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	23.0	U	23.0	38.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	51.8	U	51.8	57.5	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.09		40 - 140	54%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-14DL	Acq On:	11 Nov 2024 10:50
Client Sample ID:	EX-9-TPH-7DL	Operator:	YP\AJ
Data file:	FG014725.D	Misc:	
Instrument:	FID_G	ALS Vial:	16
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.223	6.843	23583396	179.558	300	ug/ml
Aliphatic C12-C16	6.844	10.286	21254997	156.492	200	ug/ml
Aliphatic C16-C21	10.287	13.658	1071227	7.584	300	ug/ml
Aliphatic C21-C28	13.659	17.322	160229	1.14	400	ug/ml
Aliphatic C28-C40	17.323	22.254	87243	0.825	600	ug/ml
Aliphatic EPH	3.223	22.254	46157092	345.599		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.388	13.388	134350	1.09		ug/ml
Aliphatic C9-C28	3.223	17.322	46069849	344.774	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-7DL	SDG No.:	P4721
Lab Sample ID:	P4721-14DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
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
FF014994.D	2	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	419	E	0.69	1.53	mg/kg
Aromatic C12-C16	Aromatic C12-C16	201	E	0.78	2.30	mg/kg
Aromatic C16-C21	Aromatic C16-C21	49.6		2.21	3.84	mg/kg
Aromatic C21-C36	Aromatic C21-C36	4.60	U	4.60	6.14	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	31.2		40 - 140	125%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	32.9		40 - 140	132%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	14.6		40 - 140	59%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-14DL	Acq On:	11 Nov 2024 11:47
Client Sample ID:	EX-9-TPH-7DL	Operator:	YP\AJ
Data file:	FF014994.D	Misc:	
Instrument:	FID_F	ALS Vial:	64
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.510	6.375	422253758	2730	200	ug/ml
Aromatic C12-C16	6.376	9.068	201831343	1310	300	ug/ml
Aromatic C16-C21	9.069	13.383	45906140	323.064	500	ug/ml
Aromatic C21-C36	13.384	18.828	1620663	11.74	800	ug/ml
Aromatic EPH	4.510	18.828	671611904	4380		ug/ml
2-Fluorobiphenyl (SURR)	8.872	8.872	2934204	32.9		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	2155152	14.63		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	4151663	31.2		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-7DL2		SDG No.:	P4721	
Lab Sample ID:	P4721-14DL2		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.8	
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
FF014995.D	50	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	531		17.3	38.4	mg/kg
Aromatic C12-C16	Aromatic C12-C16	230		19.6	57.5	mg/kg
Aromatic C16-C21	Aromatic C16-C21	51.8	J	55.2	95.9	mg/kg
Aromatic C21-C36	Aromatic C21-C36	115	U	115	153	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	1.68		40 - 140	168%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	1.65		40 - 140	165%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.75		40 - 140	75%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-14DL2	Acq On:	11 Nov 2024 12:15
Client Sample ID:	EX-9-TPH-7DL2	Operator:	YP\AJ
Data file:	FF014995.D	Misc:	
Instrument:	FID_F	ALS Vial:	65
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.510	6.375	21414110	138.541	200	ug/ml
Aromatic C12-C16	6.376	9.068	9229697	60.104	300	ug/ml
Aromatic C16-C21	9.069	13.383	1917521	13.495	500	ug/ml
Aromatic C21-C36	13.384	18.828	443656	3.214	800	ug/ml
Aromatic EPH	4.510	18.828	33004984	215.354		ug/ml
2-Bromonaphthalene (SURRE)	7.993	7.993	222938	1.68		ug/ml
2-Fluorobiphenyl (SURRE)	8.866	8.866	147380	1.65		ug/ml
ortho-Terphenyl (SURRE)	11.928	11.928	110713	0.75		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-8		SDG No.:	P4721	
Lab Sample ID:	P4721-15		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.2	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/08/24 18:27	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.57	J	1	0.44	1.14	mg/kg	FG014717.D
Aliphatic C12-C16	Aliphatic C12-C16	2.42		1	0.27	0.76	mg/kg	FG014717.D
Aliphatic C16-C21	Aliphatic C16-C21	1.38		1	0.34	1.14	mg/kg	FG014717.D
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	1	0.92	1.52	mg/kg	FG014717.D
Aliphatic C28-C40	Aliphatic C28-C40	2.06	U	1	2.06	2.29	mg/kg	FG014717.D
Aromatic C10-C12	Aromatic C10-C12	0.37	J	1	0.34	0.76	mg/kg	FF014975.D
Aromatic C12-C16	Aromatic C12-C16	3.45		1	0.39	1.14	mg/kg	FF014975.D
Aromatic C16-C21	Aromatic C16-C21	2.84		1	1.10	1.91	mg/kg	FF014975.D
Aromatic C21-C36	Aromatic C21-C36	2.29	U	1	2.29	3.05	mg/kg	FF014975.D
Total AliphaticEPH	Total AliphaticEPH	4.38	J		4.03	6.85	mg/kg	
Total AromaticEPH	Total AromaticEPH	6.66	J		4.12	6.86	mg/kg	
Total EPH	Total EPH	11.0	J		8.15	13.7	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:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-8		SDG No.:	P4721	
Lab Sample ID:	P4721-15		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.2	
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
FG014717.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.57	J	0.44	1.14	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.42		0.27	0.76	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	1.38		0.34	1.14	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	0.92	1.52	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.06	U	2.06	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.1		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-15	Acq On:	08 Nov 2024 18:27
Client Sample ID:	EX-9-TPH-8	Operator:	YP\AJ
Data file:	FG014717.D	Misc:	
Instrument:	FID_G	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.223	6.844	989774	7.536	300	ug/ml
Aliphatic C12-C16	6.845	10.289	4310591	31.737	200	ug/ml
Aliphatic C16-C21	10.290	13.661	2552299	18.069	300	ug/ml
Aliphatic C21-C28	13.662	17.327	766269	5.451	400	ug/ml
Aliphatic C28-C40	17.328	22.264	2681886	25.376	600	ug/ml
Aliphatic EPH	3.223	22.264	11300819	88.169		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.391	13.391	3447930	28.08		ug/ml
Aliphatic C9-C28	3.223	17.327	8618933	62.793	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-8		SDG No.:	P4721	
Lab Sample ID:	P4721-15		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.2	
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
FF014975.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.37	J	0.34	0.76	mg/kg
Aromatic C12-C16	Aromatic C12-C16	3.45		0.39	1.14	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.84		1.10	1.91	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.29	U	2.29	3.05	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	43.1		40 - 140	86%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.9		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	22.5		40 - 140	45%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-15	Acq On:	08 Nov 2024 17:30
Client Sample ID:	EX-9-TPH-8	Operator:	YP\AJ
Data file:	FF014975.D	Misc:	
Instrument:	FID_F	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	743031	4.807	200	ug/ml
Aromatic C12-C16	6.366	8.961	6947943	45.246	300	ug/ml
Aromatic C16-C21	8.962	13.378	5297578	37.282	500	ug/ml
Aromatic C21-C36	13.379	18.826	1979071	14.337	800	ug/ml
Aromatic EPH	4.496	18.826	14967623	101.671		ug/ml
2-Bromonaphthalene (SURRE)	7.993	7.993	5729888	43.06		ug/ml
2-Fluorobiphenyl (SURRE)	8.868	8.868	3824996	42.89		ug/ml
ortho-Terphenyl (SURRE)	11.929	11.929	3308855	22.47		ug/ml

LAB CHRONICLE

OrderID:	P4721	OrderDate:	11/5/2024 3:27:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	L23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4721-01	EX-2-TPH-1	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-01DL	EX-2-TPH-1DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-01DL 2	EX-2-TPH-1DL2	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-02	EX-2-TPH-2	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-02DL	EX-2-TPH-2DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-02DL 2	EX-2-TPH-2DL2	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-03	EX-2-TPH-3	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/06/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-03DL	EX-2-TPH-3DL	Solid			11/05/24			11/05/24

LAB CHRONICLE

			EPH	NJEPH		11/08/24	11/11/24	
P4721-04	EX-11-TPH-1	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-04DL	EX-11-TPH-1DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-04DL 2	EX-11-TPH-1DL2	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-05	EX-11-TPH-2	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-05DL	EX-11-TPH-2DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-06	EX-11-TPH-3	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/07/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-06DL	EX-11-TPH-3DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-07	EX-11-TPH-4	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/06/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-07DL	EX-11-TPH-4DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	

LAB CHRONICLE

P4721-07DL 2	EX-11-TPH-4DL2	Solid			11/05/24		11/05/24
			EPH	NJEPH		11/08/24	11/11/24
P4721-08	EX-9-TPH-1	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24
			Gasoline Range Organics	8015D			11/06/24
			EPH	NJEPH		11/08/24	11/08/24
P4721-09	EX-9-TPH-2	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/07/24
			Gasoline Range Organics	8015D			11/06/24
			EPH	NJEPH		11/08/24	11/08/24
P4721-10	EX-9-TPH-3	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/07/24
			Gasoline Range Organics	8015D			11/06/24
			EPH	NJEPH		11/08/24	11/08/24
P4721-11	EX-9-TPH-4	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/07/24
			Gasoline Range Organics	8015D			11/07/24
			EPH	NJEPH		11/08/24	11/08/24
			EPH	NJEPH		11/08/24	11/11/24
P4721-11DL	EX-9-TPH-4DL	Solid			11/05/24		11/05/24
			EPH	NJEPH		11/08/24	11/11/24
P4721-12	EX-9-TPH-5	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24
			Gasoline Range Organics	8015D			11/08/24
			EPH	NJEPH		11/08/24	11/08/24
P4721-13	EX-9-TPH-6	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24
			Gasoline Range Organics	8015D			11/06/24
			EPH	NJEPH		11/08/24	11/08/24
P4721-14	EX-9-TPH-7	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24
			Gasoline Range Organics	8015D			11/08/24

LAB CHRONICLE

			EPH	NJEPH	11/08/24	11/08/24	
			EPH	NJEPH	11/08/24	11/11/24	
P4721-14DL	EX-9-TPH-7DL	Solid			11/05/24		11/05/24
			EPH	NJEPH	11/08/24	11/11/24	
P4721-14DL 2	EX-9-TPH-7DL2	Solid			11/05/24		11/05/24
			EPH	NJEPH	11/08/24	11/11/24	
P4721-15	EX-9-TPH-8	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D	11/07/24	11/08/24	
			Gasoline Range Organics	8015D		11/07/24	
			EPH	NJEPH	11/08/24	11/08/24	



SHIPPING DOCUMENTS



CHAIN OF CUSTODY RECORD

NO. 1 OF 2

COMPANY INFORMATION			PROJECT INFORMATION				REQUESTED ANALYSIS/METHOD										COMMENTS					
LOCATION	ENTACT LLC		PROJECT	North Point			NUMBER OF CONTAINERS TPH analysis (EPH Cat2, DRO & GRO) (8015)															
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																
EX-2-TPH-1	TPH	11/5	11:00	Soil	G	Teracore / 8oz		2	X													
EX-2-TPH-2	TPH	11/5	11:00	Soil	G			2	X													
EX-2-TPH-3	TPH	11/5	11:00	Soil	G		2	X														
EX-11-TPH-1	TPH	11/5	11:00	Soil	G		2	X														
EX-11-TPH-2	TPH	11/5	11:00	Soil	G		2	X														
EX-11-TPH-3	TPH	11/5	11:00	Soil	G		2	X														
EX-11-TPH-4	TPH	11/5	11:00	Soil	G		2	X														
EX-9-TPH-1	TPH	11/5	11:00	Soil	G		2	X														
EX-9-TPH-2	TPH	11/5	11:00	Soil	G		2	X														
SAMPLER		A. Farmerie		SHIPMENT		courier		AIRBILL														
REQUIRED TURNAROUND		☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☒ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER: 3.4C																				
1. RELINQUISHED BY		DATE		2. RELINQUISHED BY				DATE		3. RELINQUISHED BY				DATE								
SIGNATURE: [Signature]		11-5-24		SIGNATURE: [Signature]						SIGNATURE: [Signature]				11-5-24								
PRINTED NAME/COMPANY: Austin Farmerie ENTACT		12:57		PRINTED NAME/COMPANY:						PRINTED NAME/COMPANY: Jahmir Davis				1732								
1. RECEIVED BY		DATE		2. RECEIVED BY				DATE		3. RECEIVED BY				DATE								
SIGNATURE: [Signature]		11-5-24		SIGNATURE: [Signature]						SIGNATURE: [Signature]												
PRINTED NAME/COMPANY: Jahmir Davis		1257		PRINTED NAME/COMPANY:						PRINTED NAME/COMPANY:												



CHAIN OF CUSTODY RECORD

NO. 2 OF 2

P4721

8

8.1

[illegible]

From: Wyatt Seel <wseel@entact.com>
Sent: Thursday, November 7, 2024 4:01 PM
To: 'Jordan Hedvat'; yazmeen@chemtech.net
Cc: Austin Farmerie
Subject: Re: Sample Pickup

Yameen,

Sample EX-9-TPH-9 didn't end up getting collected. It will be included in the next round of sampling.

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: Yazmeen Gomez <yazmeen@chemtech.net>
Sent: Thursday, November 7, 2024 3:40 PM
To: Wyatt Seel <wseel@entact.com>; 'Jordan Hedvat' <jordan@chemtech.net>
Cc: Austin Farmerie <AFarmerie@entact.com>
Subject: RE: Sample Pickup

Good afternoon Wyatt,

I meant to send you an email yesterday morning, the last sample on the COC "EX-9-TPH-9" was not received.

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Main: 908-788-8800
Direct: 908-728-3147
Address: 284 Sheffield St, Ste. 1, Mountainside, NJ 07092
www.alliancetg.com

From: Yazmeen Gomez <yazmeen@chemtech.net>
Sent: Tuesday, November 5, 2024 10:02 AM
To: 'Wyatt Seel' <wseel@entact.com>; 'Jordan Hedvat' <jordan@chemtech.net>
Cc: 'Austin Farmerie' <AFarmerie@entact.com>
Subject: RE: Sample Pickup

Wyatt,

Confirmed for today.

Best Regards,



Yazmeen Gomez
Sr. Project Manager
An Alliance Technical Group Company
Mobile: 908-788-8800
Direct: 908-728-3147
Address: 284 Sheffield St. Ste. 1, Mountainside, NJ 07092
www.alliancety.com

From: Wyatt Seel <wseel@entact.com>
Sent: Tuesday, November 5, 2024 8:24 AM
To: yazmeen@chemtech.net; 'Jordan Hedvat' <jordan@chemtech.net>
Cc: Austin Farmerie <AFarmerie@entact.com>
Subject: Sample Pickup

Yazmeen,

Can we get samples scheduled to be picked up at the Staten Island job this afternoon?

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



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