

DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : NORTH POINT

ENTACT

606 E. Baltimore Pike

Floor 3

Media, PA - 19063

Phone No: 4844440702

ORDER ID : P5147

ATTENTION : Wyatt Seel



Laboratory Certification ID # 20012



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Cover Page

Order ID : P5147

Project ID : North Point

Client : ENTACT

Lab Sample Number

P5147-01
P5147-02

Client Sample Number

EX-8-TPH-1
EX-8-TPH-2

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: 12/12/2024
By Nimisha Pandya, QA/QC Supervisor at 1:37 pm, Dec 12, 2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

2

Laboratory Name : Alliance Technical Group LLC Client : ENTACT
 Project Location : North Point Project Number : _____
 Laboratory Sample ID(s) : P5147 Sampling Date(s) : 12/05/2024
 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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1A	Were the method specified handling, preservation, and holding time requirements met?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
1B	EPH Method: Was the EPH method conducted without significant modifications (see Section 11.3 of respective DKQ methods)	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
3	Were samples received at an appropriate temperature (4±2° C)?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> N/A
4	Were all QA/QC performance criteria specified in the NJDEP DKQP standards achieved?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> 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?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No
7	Are project-specific matrix spikes and/or laboratory duplicates included in this data set?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> 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.”

CASE NARRATIVE

ENTACT

Project Name: North Point

Project # N/A

Chemtech Project # P5147

Test Name: Diesel Range Organics

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 12/05/2024.

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 of Diesel Range Organics was based on method 8015D and extraction was done based on method 3541.

D. QA/ QC Samples:

The Holding Times were met for all analysis.

The Surrogate recoveries met the acceptable criteria except for EX-8-TPH-1 [Tetracosane-d50 - 0%], EX-8-TPH-2 [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 {P5147-01MS} with File ID: FF015143.D recoveries met the requirements for all compounds except for DRO[-3770%] Due to matrix interference.

The MSD {P5147-01MSD} with File ID: FF015144.D recoveries met the acceptable requirements except for DRO[-3772%] Due to matrix interference

The RPD met criteria .

The Blank Spike met requirements for all samples .

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

The Initial Calibration met the requirements .

The Continuous Calibration met the requirements .

Samples EX-8-TPH-1, EX-8-TPH-2 was diluted due to bad matrix.



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Phone: 908 789 8900 Fax: 908 789 8922

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2.1

E. Additional Comments:

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

F. Manual Integration Comments:

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

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 1:37 pm, Dec 12, 2024

CASE NARRATIVE

ENTACT

Project Name: North Point

Project # N/A

Chemtech Project # P5147

Test Name: EPH

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 12/05/2024.

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 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-8-TPH-1DL [1-chlorooctadecane (SURR) - 158%], EX-8-TPH-2DL [2-Bromonaphthalene (SURR) - 163.8%, 2-Fluorobiphenyl (SURR) - 141.6%] but this sample was required dilution as well due to high concentration, therefore original and Dilution analysis were reported and no further corrective action taken.

EX-8-TPH-2DL2 [1-chlorooctadecane (SURR) - 0%] Surrogates were diluted out due to the high dilution. No further corrective action was taken.

The Retention Times were acceptable for all samples.

The MS recoveries met the requirements for all compounds .

The MSD recoveries met the acceptable requirements .

The RPD for {P5147-01MSD} with File ID: FD048842.D met criteria except for Aromatic C12-C16[57%] due to difference in results of MS and 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-8-TPH-1, EX-8-TPH-2 ,EX-8-TPH-2DL was diluted due to high concentration for Aliphatic compounds.

Sample EX-8-TPH-1, EX-8-TPH-2 was diluted due to high concentration for Aromatic compounds.

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 1:37 pm, Dec 12, 2024

CASE NARRATIVE

ENTACT

Project Name: North Point

Project # N/A

Chemtech Project # P5147

Test Name: Gasoline Range Organics

A. Number of Samples and Date of Receipt:

2 Solid samples were received on 12/05/2024.

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-8-TPH-1 [Alpha, Alpha, Alpha-Trifluorotoluene - 359%], EX-8-TPH-2 [Alpha, Alpha and Alpha-Trifluorotoluene - 204%] 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 .

Samples EX-8-TPH-1, EX-8-TPH-2 was diluted due to bad matrix.

E. Additional Comments:

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



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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 1:37 pm, Dec 12, 2024

DATA REPORTING QUALIFIERS- ORGANIC

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

Value	If the result is a value greater than or equal to the detection limit, report the value
U	Indicates the compound was analyzed for but was not detected. Report the minimum detection limit for the sample with the U, i.e. “10 U”. This is not necessarily the instrument detection limit attainable for this particular sample based on any concentration or dilution that may have been required.
ND	Indicates the analyte was analyzed for, but not detected
J	Indicates an estimated value. This flag is used: <ol style="list-style-type: none"> (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 #: P5147

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: 12/12/2024



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-1	SDG No.:	P5147
Lab Sample ID:	P5147-01	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	81
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
FF015152.D	100	12/06/24 09:03	12/09/24 10:32	PB165425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1700000		22800	205000	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:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-2	SDG No.:	P5147
Lab Sample ID:	P5147-02	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	79.3
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
FF015153.D	100	12/06/24 09:03	12/09/24 11:00	PB165425

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1480000		23200	210000	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

LAB CHRONICLE

OrderID:	P5147	OrderDate:	12/5/2024 2:58:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5147-01	EX-8-TPH-1	SOIL			12/05/24	12/06/24	12/09/24	12/05/24
			Diesel Range Organics	8015D				
			Gasoline Range Organics	8015D				
P5147-02	EX-8-TPH-2	SOIL			12/05/24	12/06/24	12/09/24	12/05/24
			Diesel Range Organics	8015D				
			Gasoline Range Organics	8015D				



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-1	SDG No.:	P5147
Lab Sample ID:	P5147-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
12/06/24 09:50	12/09/24 9:38	PB165427

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	184		50	23.4	61.6	mg/kg FC067941.D
Aliphatic C12-C16	Aliphatic C12-C16	517		50	14.8	41.1	mg/kg FC067941.D
Aliphatic C16-C21	Aliphatic C16-C21	176		50	18.5	61.6	mg/kg FC067941.D
Aliphatic C21-C28	Aliphatic C21-C28	29.0		1	0.99	1.64	mg/kg FC067931.D
Aliphatic C28-C40	Aliphatic C28-C40	15.2		1	2.22	2.46	mg/kg FC067931.D
Aromatic C10-C12	Aromatic C10-C12	20.5		10	3.70	8.21	mg/kg FD048849.D
Aromatic C12-C16	Aromatic C12-C16	109		10	4.19	12.3	mg/kg FD048849.D
Aromatic C16-C21	Aromatic C16-C21	133		10	11.8	20.5	mg/kg FD048849.D
Aromatic C21-C36	Aromatic C21-C36	17.0		1	2.46	3.29	mg/kg FD048839.D
Total AliphaticEPH	Total AliphaticEPH	921			59.9	168	mg/kg
Total AromaticEPH	Total AromaticEPH	280			22.1	44.3	mg/kg
Total EPH	Total EPH	1200			82.1	213	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:	12/05/24	
Project:	North Point		Date Received:	12/05/24	
Client Sample ID:	EX-8-TPH-1		SDG No.:	P5147	
Lab Sample ID:	P5147-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	81	
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
FC067931.D	1	12/06/24	12/06/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	165	E	0.47	1.23	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	429	E	0.30	0.82	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	152	E	0.37	1.23	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	29.0		0.99	1.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	15.2		2.22	2.46	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	61.6		40 - 140	123%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5147-01	Acq On:	06 Dec 2024 18:02
Client Sample ID:	EX-8-TPH-1	Operator:	YP/AJ
Data file:	FC067931.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.154	6.430	334669814	2020	300	ug/ml
Aliphatic C12-C16	6.431	9.821	890287470	5230	200	ug/ml
Aliphatic C16-C21	9.822	13.180	315567855	1860	300	ug/ml
Aliphatic C21-C28	13.181	16.835	55512704	352.954	400	ug/ml
Aliphatic C28-C40	16.836	21.671	22423253	185.146	600	ug/ml
Aliphatic EPH	3.154	21.671	1618461096	9640		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.918	12.918	8940557	61.59		ug/ml
Aliphatic C9-C28	3.154	16.835	1596037843	9460	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-1	SDG No.:	P5147
Lab Sample ID:	P5147-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
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
FD048839.D	1	12/06/24	12/06/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	17.5	E	0.37	0.82	mg/kg
Aromatic C12-C16	Aromatic C12-C16	96.7	E	0.42	1.23	mg/kg
Aromatic C16-C21	Aromatic C16-C21	115	E	1.18	2.05	mg/kg
Aromatic C21-C36	Aromatic C21-C36	17.0		2.46	3.29	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	63.0		40 - 140	126%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	47.0		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	44.5		40 - 140	89%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5147-01	Acq On:	06 Dec 2024 18:02
Client Sample ID:	EX-8-TPH-1	Operator:	YP/AJ
Data file:	FD048839.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	4.086	5.803	40889098	212.945	200	ug/ml
Aromatic C12-C16	5.804	8.408	226590896	1180	300	ug/ml
Aromatic C16-C21	8.409	12.672	261146529	1410	500	ug/ml
Aromatic C21-C36	12.673	18.079	32479016	206.569	800	ug/ml
Aromatic EPH	4.086	18.079	561105539	3000		ug/ml
ortho-Terphenyl (SURR)	11.252	11.252	8566862	44.54		ug/ml
2-Bromonaphthalene (SURR)	7.367	7.367	11098769	63.04		ug/ml
2-Fluorobiphenyl (SURR)	8.217	8.217	5410994	46.98		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-1DL	SDG No.:	P5147
Lab Sample ID:	P5147-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
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
FC067941.D	50	12/06/24	12/09/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	184		23.4	61.6	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	517		14.8	41.1	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	176		18.5	61.6	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	22.6	J	49.3	82.1	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	110	U	110	123	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.58		40 - 140	158%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5147-01DL	Acq On:	09 Dec 2024 09:38
Client Sample ID:	EX-8-TPH-1DL	Operator:	YP/AJ
Data file:	FC067941.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.152	6.430	7436320	44.853	300	ug/ml
Aliphatic C12-C16	6.431	9.821	21481413	126.076	200	ug/ml
Aliphatic C16-C21	9.822	13.180	7277147	42.902	300	ug/ml
Aliphatic C21-C28	13.181	16.834	865194	5.501	400	ug/ml
Aliphatic C28-C40	16.835	21.670	858177	7.086	600	ug/ml
Aliphatic EPH	3.152	21.670	37918251	226.419		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.911	12.911	229660	1.58		ug/ml
Aliphatic C9-C28	3.152	16.834	37060074	219.332	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	12/05/24	
Project:	North Point		Date Received:	12/05/24	
Client Sample ID:	EX-8-TPH-1DL		SDG No.:	P5147	
Lab Sample ID:	P5147-01DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	81	
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
FD048849.D	10	12/06/24	12/09/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	20.5		3.70	8.21	mg/kg
Aromatic C12-C16	Aromatic C12-C16	109		4.19	12.3	mg/kg
Aromatic C16-C21	Aromatic C16-C21	133		11.8	20.5	mg/kg
Aromatic C21-C36	Aromatic C21-C36	21.1	J	24.6	32.9	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	7.00		40 - 140	140%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	4.46		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.92		40 - 140	78%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5147-01DL	Acq On:	09 Dec 2024 10:14
Client Sample ID:	EX-8-TPH-1DL	Operator:	YP/AJ
Data file:	FD048849.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.086	5.802	4781869	24.903	200	ug/ml
Aromatic C12-C16	5.803	8.408	25757267	133.833	300	ug/ml
Aromatic C16-C21	8.409	12.670	30287669	163.008	500	ug/ml
Aromatic C21-C36	12.671	18.079	4033956	25.656	800	ug/ml
Aromatic EPH	4.086	18.079	64860761	347.4		ug/ml
2-Bromonaphthalene (SURR)	7.363	7.363	1231851	7		ug/ml
2-Fluorobiphenyl (SURR)	8.216	8.216	513927	4.46		ug/ml
ortho-Terphenyl (SURR)	11.245	11.245	754659	3.92		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-2	SDG No.:	P5147
Lab Sample ID:	P5147-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
12/06/24 09:50	12/09/24 10:14	PB165427

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	129		10	4.79	12.6	mg/kg FC067942.D
Aliphatic C12-C16	Aliphatic C12-C16	560		50	15.1	42.0	mg/kg FC067943.D
Aliphatic C16-C21	Aliphatic C16-C21	417		50	18.9	63.0	mg/kg FC067943.D
Aliphatic C21-C28	Aliphatic C21-C28	64.7		10	10.1	16.8	mg/kg FC067942.D
Aliphatic C28-C40	Aliphatic C28-C40	25.1		1	2.27	2.52	mg/kg FC067935.D
Aromatic C10-C12	Aromatic C10-C12	33.4		10	3.78	8.40	mg/kg FD048850.D
Aromatic C12-C16	Aromatic C12-C16	125		10	4.29	12.6	mg/kg FD048850.D
Aromatic C16-C21	Aromatic C16-C21	263		10	12.1	21.0	mg/kg FD048850.D
Aromatic C21-C36	Aromatic C21-C36	56.9		1	2.52	3.36	mg/kg FD048843.D
Total AliphaticEPH	Total AliphaticEPH	1200			51.2	137	mg/kg
Total AromaticEPH	Total AromaticEPH	478			22.7	45.4	mg/kg
Total EPH	Total EPH	1670			73.8	182	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:	12/05/24	
Project:	North Point		Date Received:	12/05/24	
Client Sample ID:	EX-8-TPH-2		SDG No.:	P5147	
Lab Sample ID:	P5147-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79.3	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067935.D	1	12/06/24	12/06/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	126	E	0.48	1.26	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	400	E	0.30	0.84	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	300	E	0.38	1.26	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	73.9	E	1.01	1.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	25.1		2.27	2.52	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.5		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:	P5147-02	Acq On:	06 Dec 2024 20:24
Client Sample ID:	EX-8-TPH-2	Operator:	YP/AJ
Data file:	FC067935.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.154	6.430	248757622	1500	300	ug/ml
Aliphatic C12-C16	6.431	9.821	812382026	4770	200	ug/ml
Aliphatic C16-C21	9.822	13.180	607429174	3580	300	ug/ml
Aliphatic C21-C28	13.181	16.835	138383766	879.856	400	ug/ml
Aliphatic C28-C40	16.836	21.671	36232567	299.167	600	ug/ml
Aliphatic EPH	3.154	21.671	1843185155	11000		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.918	12.918	6453877	44.46		ug/ml
Aliphatic C9-C28	3.154	16.835	1806952588	10700	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	12/05/24	
Project:	North Point		Date Received:	12/05/24	
Client Sample ID:	EX-8-TPH-2		SDG No.:	P5147	
Lab Sample ID:	P5147-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79.3	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048843.D	1	12/06/24	12/06/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	28.6	E	0.38	0.84	mg/kg
Aromatic C12-C16	Aromatic C12-C16	118	E	0.43	1.26	mg/kg
Aromatic C16-C21	Aromatic C16-C21	247	E	1.21	2.10	mg/kg
Aromatic C21-C36	Aromatic C21-C36	56.9		2.52	3.36	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	68.2		40 - 140	136%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	63.8		40 - 140	128%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	60.8		40 - 140	122%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5147-02	Acq On:	06 Dec 2024 20:24
Client Sample ID:	EX-8-TPH-2	Operator:	YP/AJ
Data file:	FD048843.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.086	5.803	65362616	340.399	200	ug/ml
Aromatic C12-C16	5.804	8.408	271127927	1410	300	ug/ml
Aromatic C16-C21	8.409	12.672	547953056	2950	500	ug/ml
Aromatic C21-C36	12.673	18.079	106519418	677.471	800	ug/ml
Aromatic EPH	4.086	18.079	990963017	5380		ug/ml
2-Bromonaphthalene (SURRE)	7.367	7.367	12004144	68.18		ug/ml
2-Fluorobiphenyl (SURRE)	8.220	8.220	7347362	63.8		ug/ml
ortho-Terphenyl (SURRE)	11.257	11.257	11691228	60.79		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	12/05/24	
Project:	North Point		Date Received:	12/05/24	
Client Sample ID:	EX-8-TPH-2DL		SDG No.:	P5147	
Lab Sample ID:	P5147-02DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79.3	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067942.D	10	12/06/24	12/09/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	129		4.79	12.6	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	509	E	3.03	8.40	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	381	E	3.78	12.6	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	64.7		10.1	16.8	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	31.0		22.7	25.2	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.61		40 - 140	112%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5147-02DL	Acq On:	09 Dec 2024 10:14
Client Sample ID:	EX-8-TPH-2DL	Operator:	YP/AJ
Data file:	FC067942.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.152	6.430	25543189	154.068	300	ug/ml
Aliphatic C12-C16	6.431	9.821	103269232	606.096	200	ug/ml
Aliphatic C16-C21	9.822	13.180	76976899	453.816	300	ug/ml
Aliphatic C21-C28	13.181	16.834	12108518	76.987	400	ug/ml
Aliphatic C28-C40	16.835	21.670	4463189	36.852	600	ug/ml
Aliphatic EPH	3.152	21.670	222361027	1330		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.909	12.909	814960	5.61		ug/ml
Aliphatic C9-C28	3.152	16.834	217897838	1290	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-2DL	SDG No.:	P5147
Lab Sample ID:	P5147-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048850.D	10	12/06/24	12/09/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	33.4		3.78	8.40	mg/kg
Aromatic C12-C16	Aromatic C12-C16	125		4.29	12.6	mg/kg
Aromatic C16-C21	Aromatic C16-C21	263		12.1	21.0	mg/kg
Aromatic C21-C36	Aromatic C21-C36	50.1		25.2	33.6	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	8.19		40 - 140	164%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	7.08		40 - 140	142%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.16		40 - 140	103%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5147-02DL	Acq On:	09 Dec 2024 10:50
Client Sample ID:	EX-8-TPH-2DL	Operator:	YP/AJ
Data file:	FD048850.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.086	5.802	7636736	39.771	200	ug/ml
Aromatic C12-C16	5.803	8.408	28725690	149.256	300	ug/ml
Aromatic C16-C21	8.409	12.670	58331667	313.941	500	ug/ml
Aromatic C21-C36	12.671	18.079	9370180	59.595	800	ug/ml
Aromatic EPH	4.086	18.079	104064273	562.563		ug/ml
2-Bromonaphthalene (SURR)	7.363	7.363	1441772	8.19		ug/ml
2-Fluorobiphenyl (SURR)	8.214	8.214	815834	7.08		ug/ml
ortho-Terphenyl (SURR)	11.245	11.245	992493	5.16		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-2DL2	SDG No.:	P5147
Lab Sample ID:	P5147-02DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067943.D	50	12/06/24	12/09/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	152		24.0	63.0	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	560		15.1	42.0	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	417		18.9	63.0	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	63.3	J	50.4	84.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	113	U	113	126	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:	P5147-02DL2	Acq On:	09 Dec 2024 10:50
Client Sample ID:	EX-8-TPH-2DL2	Operator:	YP/AJ
Data file:	FC067943.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.152	6.430	6017876	36.298	300	ug/ml
Aliphatic C12-C16	6.431	9.821	22714175	133.311	200	ug/ml
Aliphatic C16-C21	9.822	13.180	16842214	99.293	300	ug/ml
Aliphatic C21-C28	13.181	16.834	2367979	15.056	400	ug/ml
Aliphatic C28-C40	16.835	21.670	279091	2.304	600	ug/ml
Aliphatic EPH	3.152	21.670	48221335	286.262		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	3.152	16.834	47942244	283.958	1200	ug/ml

LAB CHRONICLE

OrderID:	P5147	OrderDate:	12/5/2024 2:58:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5147-01	EX-8-TPH-1	SOIL			12/05/24			12/05/24
			Diesel Range Organics	8015D		12/06/24	12/09/24	
			Gasoline Range Organics	8015D			12/09/24	
			EPH	NJEPH		12/06/24	12/06/24	
P5147-01DL	EX-8-TPH-1DL	Solid			12/05/24			12/05/24
			EPH	NJEPH		12/06/24	12/09/24	
P5147-02	EX-8-TPH-2	SOIL			12/05/24			12/05/24
			Diesel Range Organics	8015D		12/06/24	12/09/24	
			Gasoline Range Organics	8015D			12/09/24	
			EPH	NJEPH		12/06/24	12/06/24	
P5147-02DL	EX-8-TPH-2DL	Solid			12/05/24			12/05/24
			EPH	NJEPH		12/06/24	12/09/24	
P5147-02DL 2	EX-8-TPH-2DL2	Solid			12/05/24			12/05/24
			EPH	NJEPH		12/06/24	12/09/24	



SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-1	SDG No.:	P5147
Lab Sample ID:	P5147-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	81
Sample Wt/Vol:	7.37	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
FB031281.D	500	12/09/24 13:43	FB120924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	270000		3230	18800	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	71.8	*	50 - 150	359%	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:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-2	SDG No.:	P5147
Lab Sample ID:	P5147-02	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	79.3
Sample Wt/Vol:	7.04	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
FB031282.D	2000	12/09/24 14:09	FB120924

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	1060000		13800	80700	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	40.9	*	50 - 150	204%	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

LAB CHRONICLE

OrderID:	P5147	OrderDate:	12/5/2024 2:58:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5147-01	EX-8-TPH-1	SOIL			12/05/24	12/06/24	12/09/24	12/05/24
			Diesel Range Organics	8015D				
			Gasoline Range Organics	8015D				
P5147-02	EX-8-TPH-2	SOIL			12/05/24	12/06/24	12/09/24	12/05/24
			Diesel Range Organics	8015D				
			Gasoline Range Organics	8015D				



SHIPPING DOCUMENTS



P5147

NO. 1 OF 1

8

8.1

COMPANY INFORMATION							PROJECT INFORMATION								
LOCATION ENTACT LLC							PROJECT North Point								
ATTN Wyatt Seel							BILLING INFORMATION								
ADDRESS 150 Bay Street, Suite 801 Jersey City, NJ							BILL TO ENTACT LLC								
							ADDRESS 999 Oakmont Plaza Drive Suite 300 Westmont, IL 60559								
PHONE 419-266-4671							PHONE 630-986-2900								
FAX							FAX			PO# E9306					
SAMPLE ID	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	SAMPLE TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	TPH analysis(EPH Cat2, DRO & GRO) (8015)	REQUESTED ANALYSIS/METHOD						COMMENTS
EX-8-TPH-1	TPH	12/5	11:00	Soil	G	Teracore / 8oz	2 X								
EX-8-TPH-2	TPH	12/5	11:00	Soil	G	Teracore / 8oz	2 X								
SAMPLER A. Farmerie		SHIPMENT courier		AIRBILL											
REQUIRED TURNAROUND		<input type="checkbox"/> SAME DAY <input type="checkbox"/> 24 HOURS <input type="checkbox"/> 48 HOURS <input type="checkbox"/> 72 HOURS <input checked="" type="checkbox"/> 5 DAYS <input type="checkbox"/> 10 DAYS <input type="checkbox"/> ROUTINE <input type="checkbox"/> OTHER:													
1. RELINQUISHED BY		DATE		2. RELINQUISHED BY		DATE		3. RELINQUISHED BY		DATE					
SIGNATURE: [Signature]		12-5-21		SIGNATURE:				SIGNATURE:							
PRINTED NAME/COMPANY: ENTACT LLC				PRINTED NAME/COMPANY:				PRINTED NAME/COMPANY:							
1. RECEIVED BY		DATE		2. RECEIVED BY		DATE		3. RECEIVED BY		DATE					
SIGNATURE: [Signature] 3.0		12-5-21		SIGNATURE:				SIGNATURE:							
PRINTED NAME/COMPANY: GROSS MESSON/ Alliance		1455		PRINTED NAME/COMPANY:				PRINTED NAME/COMPANY:							

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