284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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DATA PACKAGE

GC SEMI-VOLATILES

PROJECT NAME : NORTH POINT

ENTACT

606 E. Baltimore Pike

Floor 3

Media, PA - 19063

Phone No: 4844440702

ORDER ID : P5002

ATTENTION : Wyatt Seel

Laboratory Certification ID # 20012

Table Of Contents for P5002

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Cover Page

Order ID : P5002

Project ID : North Point

Client : ENTACT

Lab Sample Number	Client Sample Number
P5002-01	EX-7-TPH-1

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 : _____

Date: 12/3/2024

NYDOH CERTIFICATION NO - 11376

NJDEP CERTIFICATION NO - 20012

DATA OF KNOWN QUALITY CONFORMANCE/NON-CONFORMANCE SUMMARY QUESTIONNAIRE

Laboratory Name : Alliance Technical Group LLC Client : ENTACT

Project Location : North Point Project Number :

Laboratory Sample ID(s) : P5002 Sampling Date(s) : 11/25/2024

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.”

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CASE NARRATIVE

ENTACT
Project Name: North Point
Project # N/A
Chemtech Project # P5002
Test Name: Gasoline Range Organics

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 11/25/2024.

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-7-TPH-1 [Alpha,Alpha andAlpha-Trifluorotoluene - 199%] 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, Sample, EX-7-TPH-1 was analyzed in Methanol and reported.

E. Additional Comments:
The soil samples results are based on a dry weight basis.

F. Manual Integration Comments:

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

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CASE NARRATIVE

ENTACT
Project Name: North Point
Project # N/A
Chemtech Project # P5002
Test Name: EPH

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 11/25/2024.

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-7-TPH-1 [2-Bromonaphthalene (SURR) - 140.94%], EX-7-TPH-1DL [2-Bromonaphthalene (SURR) - 153.8%], EX-7-TPH-1DL2 [2-Bromonaphthalene (SURR) - 183.6%], Due to high concentration of compounds, this sample required dilution. Therefore, sample was reanalyzed with dilution and reported

The Retention Times were acceptable for all samples.
The MS {P5002-01MS} with File ID: FC067876.D recoveries met the requirements for all compounds except for Aliphatic C12-C16[1305%], Aliphatic C16-C21[823%], Aliphatic C21-C28[245%] and Aliphatic C28-C40[140%] . due to sample is very bad matrix and original sample required dilution.
The MS {P5002-01MS} with File ID: FD048827.D recoveries met the requirements for all compounds except for Aromatic C16-C21[227%], Aromatic C21-C36[185%] . due to sample is very bad matrix and original sample required dilution.
The MSD {P5002-01MSD} with File ID: FC067877.D recoveries met the acceptable requirements except for Aliphatic C12-C16[1126%], Aliphatic C16-C21[695%] and Aliphatic C21-C28[194%] due to sample is very bad matrix and original sample required dilution.

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The MSD {P5002-01MSD} with File ID: FD048828.D recoveries met the acceptable requirements except for Aromatic C12-C16[167%], Aromatic C16-C21[328%] and Aromatic C21-C36[204%] due to sample is very bad matrix and original sample required dilution.
The RPD for {P5002-01MSD} with File ID: FD048828.D met criteria except for Aromatic C12-C16[42%], Aromatic C16-C21[36%] due to difference in MS and MSD concentrations.
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-7-TPH-1,EX-7-TPH-1DL were diluted due to high concentration for Aliphatic compounds.
Sample EX-7-TPH-1,EX-7-TPH-1DL were 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.

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.

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CASE NARRATIVE

ENTACT
Project Name: North Point
Project # N/A
Chemtech Project # P5002
Test Name: Diesel Range Organics

A. Number of Samples and Date of Receipt:
1 Solid sample was received on 11/25/2024.

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-7-TPH-1 [Tetracosane-d50 - 0%]. Surrogate was diluted out due to the high dilution. No further corrective action was taken.

The Retention Times were acceptable for all samples.
The MS {P5002-01MS} with File ID: FG014901.D recoveries met the requirements for all compounds except for DRO[-43%] due to matrix interference.
The MSD {P5002-01MSD} with File ID: FG014902.D recoveries met the acceptable requirements except for DRO[-48%] 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-7-TPH-1 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.

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Signature_____

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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 is 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

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APPENDIX A

QA REVIEW GENERAL DOCUMENTATION

Project #: **P5002**

	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 Castody	✓
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:** **12/03/2024**

SAMPLE DATA

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Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	North Point	Date Received:	11/25/24
Client Sample ID:	EX-7-TPH-1	SDG No.:	P5002
Lab Sample ID:	P5002-01	Matrix:	SOIL
Analytical Method:	8015D GRO	% Solid:	84.6 Decanted:
Sample Wt/Vol:	7.04 Units: g	Final Vol:	5 mL
Soil Aliquot Vol:	uL	Test:	Gasoline Range Organics
Extraction Type:		Injection Volume :	
GPC Factor :	PH :		
Prep Method :			

File ID/Qc Batch:	Dilution:	Date Analyzed	Prep Batch ID
FB031270.D	50	11/26/24 13:22	FB112624

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
GRO	GRO	15100		324	1890	ug/kg
SURROGATES						
98-08-8	Alpha,Alpha,Alpha-Trifluoroto	39.8	*	50 - 150	199%	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

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LAB CHRONICLE

OrderID:	P5002	**OrderDate:**	11/25/2024 4:01:00 PM
Client:	ENTACT	**Project:**	North Point
Contact:	Wyatt Seel	**Location:**	L61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5002-01	**EX-7-TPH-1**	**SOIL**			**11/25/24**			**11/25/24**
			Diesel Range Organics	8015D		11/26/24	11/27/24	
			Gasoline Range Organics	8015D			11/26/24	

SAMPLE DATA

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Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	North Point	Date Received:	11/25/24
Client Sample ID:	EX-7-TPH-1	SDG No.:	P5002
Lab Sample ID:	P5002-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.6
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
11/26/24 10:25	11/27/24 12:27	PB165286

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	71.5		5	2.24	5.90	mg/kg	FC067878.D
Aliphatic C12-C16	Aliphatic C12-C16	458		50	14.2	39.3	mg/kg	FC067879.D
Aliphatic C16-C21	Aliphatic C16-C21	447		50	17.7	59.0	mg/kg	FC067879.D
Aliphatic C21-C28	Aliphatic C21-C28	131		5	4.72	7.87	mg/kg	FC067878.D
Aliphatic C28-C40	Aliphatic C28-C40	65.0		5	10.6	11.8	mg/kg	FC067878.D
Aromatic C10-C12	Aromatic C10-C12	15.1		1	0.35	0.79	mg/kg	FD048825.D
Aromatic C12-C16	Aromatic C12-C16	178		10	4.01	11.8	mg/kg	FD048829.D
Aromatic C16-C21	Aromatic C16-C21	440		20	22.7	39.3	mg/kg	FD048830.D
Aromatic C21-C36	Aromatic C21-C36	75.0		10	23.6	31.5	mg/kg	FD048829.D
Total AliphaticEPH	Total AliphaticEPH	1170			49.5	124	mg/kg	
Total AromaticEPH	Total AromaticEPH	708			50.7	83.4	mg/kg	
Total EPH	Total EPH	1880			100	207	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

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Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	North Point	Date Received:	11/25/24
Client Sample ID:	EX-7-TPH-1	SDG No.:	P5002
Lab Sample ID:	P5002-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.6
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
FC067874.D	1	11/26/24	11/27/24	PB165286

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		66.3	E	0.45	1.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		367	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		350	E	0.35	1.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		119	E	0.94	1.57	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		74.9	E	2.12	2.36	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		52.8		40 - 140	106%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5002-01	Acq On:	27 Nov 2024 10:02
Client Sample ID:	EX-7-TPH-1	Operator:	YP/AJ
Data file:	FC067874.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	3.186	6.461	139586089	841.938	300	ug/ml
Aliphatic C12-C16	6.462	9.849	795449477	4670	200	ug/ml
Aliphatic C16-C21	9.850	13.205	756363113	4460	300	ug/ml
Aliphatic C21-C28	13.206	16.857	238722158	1520	400	ug/ml
Aliphatic C28-C40	16.858	21.700	115222652	951.378	600	ug/ml
Aliphatic EPH	3.186	21.700	2045343489	12400		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.949	12.949	7661000	52.78		ug/ml
Aliphatic C9-C28	3.186	16.857	1930120837	11500	1200	ug/ml

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Report of Analysis

Client:	ENTACT			Date Collected:	11/25/24
Project:	North Point			Date Received:	11/25/24
Client Sample ID:	EX-7-TPH-1			SDG No.:	P5002
Lab Sample ID:	P5002-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	84.6
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
FD048825.D	1	11/26/24	11/27/24	PB165286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	15.1		0.35	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	157	E	0.40	1.18	mg/kg
Aromatic C16-C21	Aromatic C16-C21	405	E	1.13	1.97	mg/kg
Aromatic C21-C36	Aromatic C21-C36	67.7	E	2.36	3.15	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	70.5		40 - 140	141%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	62.2		40 - 140	124%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.8		40 - 140	92%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5002-01	Acq On:	27 Nov 2024 10:02
Client Sample ID:	EX-7-TPH-1	Operator:	YP/AJ
Data file:	FD048825.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	4.087	5.803	36793107	191.613	200	ug/ml
Aromatic C12-C16	5.804	8.410	384605387	2000	300	ug/ml
Aromatic C16-C21	8.411	12.673	957025255	5150	500	ug/ml
Aromatic C21-C36	12.674	18.080	135343588	860.794	800	ug/ml
Aromatic EPH	4.087	18.080	1513767337	8200		ug/ml
2-Bromonaphthalene (SURR)	7.369	7.369	12406185	70.47		ug/ml
2-Flurobiphenyl (SURR)	8.224	8.224	7161646	62.18		ug/ml
ortho-Terphenyl (SURR)	11.266	11.266	8806368	45.79		ug/ml

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Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	North Point	Date Received:	11/25/24
Client Sample ID:	EX-7-TPH-1DL	SDG No.:	P5002
Lab Sample ID:	P5002-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.6
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
FC067878.D	5	11/26/24	11/27/24	PB165286

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12		71.5		2.24	5.90	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16		401	E	1.42	3.93	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21		409	E	1.77	5.90	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28		131		4.72	7.87	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		65.0		10.6	11.8	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		11.7		40 - 140	117%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5002-01DL	Acq On:	27 Nov 2024 12:27
Client Sample ID:	EX-7-TPH-1DL	Operator:	YP/AJ
Data file:	FC067878.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.186	6.461	30142851	181.812	300	ug/ml
Aliphatic C12-C16	6.462	9.849	173770225	1020	200	ug/ml
Aliphatic C16-C21	9.850	13.205	176638979	1040	300	ug/ml
Aliphatic C21-C28	13.206	16.857	52526246	333.966	400	ug/ml
Aliphatic C28-C40	16.858	21.700	20009579	165.216	600	ug/ml
Aliphatic EPH	3.186	21.700	453087880	2740		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.937	12.937	1694282	11.67		ug/ml
Aliphatic C9-C28	3.186	16.857	433078301	2580	1200	ug/ml

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Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	North Point		Date Received:	11/25/24	
Client Sample ID:	EX-7-TPH-1DL		SDG No.:	P5002	
Lab Sample ID:	P5002-01DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.6	
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
FD048829.D	10	11/26/24	11/27/24	PB165286

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aromatic C10-C12	Aromatic C10-C12		17.4		3.54	7.87	mg/kg
Aromatic C12-C16	Aromatic C12-C16		178		4.01	11.8	mg/kg
Aromatic C16-C21	Aromatic C16-C21		443	E	11.3	19.7	mg/kg
Aromatic C21-C36	Aromatic C21-C36		75.0		23.6	31.5	mg/kg
SURROGATES							
580-13-2	2-Bromonaphthalene (SURR)		7.69		40 - 140	154%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)		5.24		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		6.02		40 - 140	120%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5002-01DL	Acq On:	27 Nov 2024 12:27
Client Sample ID:	EX-7-TPH-1DL	Operator:	YP/AJ
Data file:	FD048829.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.087	5.803	4246148	22.113	200	ug/ml
Aromatic C12-C16	5.804	8.410	43679801	226.956	300	ug/ml
Aromatic C16-C21	8.411	12.673	104598798	562.95	500	ug/ml
Aromatic C21-C36	12.674	18.080	14993224	95.358	800	ug/ml
Aromatic EPH	4.087	18.080	167517971	907.378		ug/ml
2-Bromonaphthalene (SURR)	7.364	7.364	1353254	7.69		ug/ml
2-Flurobiphenyl (SURR)	8.215	8.215	603553	5.24		ug/ml
ortho-Terphenyl (SURR)	11.247	11.247	1158676	6.02		ug/ml

Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	North Point		Date Received:	11/25/24	
Client Sample ID:	EX-7-TPH-1DL2		SDG No.:	P5002	
Lab Sample ID:	P5002-01DL2		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.6	
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
FC067879.D	50	11/26/24	11/27/24	PB165286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	81.9		22.4	59.0	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	458		14.2	39.3	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	447		17.7	59.0	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	56.4	J	47.2	78.7	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	55.4	J	106	118	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.37		40 - 140	137%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5002-01DL2	Acq On:	27 Nov 2024 13:02
Client Sample ID:	EX-7-TPH-1DL2	Operator:	YP/AJ
Data file:	FC067879.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.186	6.461	3450939	20.815	300	ug/ml
Aliphatic C12-C16	6.462	9.849	19833358	116.404	200	ug/ml
Aliphatic C16-C21	9.850	13.205	19303614	113.804	300	ug/ml
Aliphatic C21-C28	13.206	16.857	2255935	14.343	400	ug/ml
Aliphatic C28-C40	16.858	21.700	1706458	14.09	600	ug/ml
Aliphatic EPH	3.186	21.700	46550304	279.456		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.935	12.935	199397	1.37		ug/ml
Aliphatic C9-C28	3.186	16.857	44843846	265.366	1200	ug/ml

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Report of Analysis

Client:	ENTACT		Date Collected:	11/25/24	
Project:	North Point		Date Received:	11/25/24	
Client Sample ID:	EX-7-TPH-1DL2		SDG No.:	P5002	
Lab Sample ID:	P5002-01DL2		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.6	
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
FD048830.D	20	11/26/24	11/27/24	PB165286

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	20.5		7.08	15.7	mg/kg
Aromatic C12-C16	Aromatic C12-C16	200		8.03	23.6	mg/kg
Aromatic C16-C21	Aromatic C16-C21	440		22.7	39.3	mg/kg
Aromatic C21-C36	Aromatic C21-C36	84.8		47.2	63.0	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	4.59		40 - 140	184%	SPK: 50
321-60-8	2-Flurobiphenyl (SURR)	2.88		40 - 140	115%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.35		40 - 140	134%	SPK: 50

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Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5002-01DL2	Acq On:	27 Nov 2024 13:02
Client Sample ID:	EX-7-TPH-1DL2	Operator:	YP/AJ
Data file:	FD048830.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.087	5.803	2502339	13.032	200	ug/ml
Aromatic C12-C16	5.804	8.410	24504278	127.322	300	ug/ml
Aromatic C16-C21	8.411	12.673	52003632	279.883	500	ug/ml
Aromatic C21-C36	12.674	18.080	8470205	53.871	800	ug/ml
Aromatic EPH	4.087	18.080	87480454	474.108		ug/ml
2-Bromonaphthalene (SURR)	7.364	7.364	807281	4.59		ug/ml
2-Flurobiphenyl (SURR)	8.217	8.217	331368	2.88		ug/ml
ortho-Terphenyl (SURR)	11.246	11.246	643801	3.35		ug/ml

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LAB CHRONICLE

OrderID:	P5002	**OrderDate:**	11/25/2024 4:01:00 PM
Client:	ENTACT	**Project:**	North Point
Contact:	Wyatt Seel	**Location:**	L61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5002-01	**EX-7-TPH-1**	**SOIL**			**11/25/24**			**11/25/24**
			Diesel Range Organics	8015D		11/26/24	11/27/24	
			Gasoline Range Organics	8015D			11/26/24	
			EPH	NJEPH		11/26/24	11/27/24	
P5002-01DL	**EX-7-TPH-1DL**	**Solid**			**11/25/24**			**11/25/24**
			EPH	NJEPH		11/26/24	11/27/24	
P5002-01DL2	**EX-7-TPH-1DL2**	**Solid**			**11/25/24**			**11/25/24**
			EPH	NJEPH		11/26/24	11/27/24	

SAMPLE DATA

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Fax : 908 789 8922

Report of Analysis

Client:	ENTACT	Date Collected:	11/25/24
Project:	North Point	Date Received:	11/25/24
Client Sample ID:	EX-7-TPH-1	SDG No.:	P5002
Lab Sample ID:	P5002-01	Matrix:	SOIL
Analytical Method:	8015D DRO	% Solid:	84.6 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
FG014903.D	100	11/26/24 13:25	11/27/24 11:45	PB165285

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
DRO	DRO	1840000		21800	197000	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

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LAB CHRONICLE

OrderID:	P5002	**OrderDate:**	11/25/2024 4:01:00 PM
Client:	ENTACT	**Project:**	North Point
Contact:	Wyatt Seel	**Location:**	L61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5002-01	**EX-7-TPH-1**	**SOIL**			**11/25/24**			**11/25/24**
			Diesel Range Organics	8015D		11/26/24	11/27/24	
			Gasoline Range Organics	8015D			11/26/24	
			EPH	NJEPH		11/26/24	11/27/24	
P5002-01DL	**EX-7-TPH-1DL**	**Solid**			**11/25/24**			**11/25/24**
			EPH	NJEPH		11/26/24	11/27/24	
P5002-01DL2	**EX-7-TPH-1DL2**	**Solid**			**11/25/24**			**11/25/24**
			EPH	NJEPH		11/26/24	11/27/24	

SHIPPING DOCUMENTS

8 8.1

P5002

ENTACT

CHAIN OF CUSTODY RECORD

NO. 1 OF 1

COMPANY INFORMATION		PROJECT INFORMATION	
LOCATION	ENTACT LLC	PROJECT	North Point
ATTN	Wyatt Seel	BILLING INFORMATION	
ADDRESS	150 Bay Street, Suite 801	BILL TO	ENTACT LLC
	Jersey City, NJ	ADDRESS	999 Oakmont Plaza Drive Suite 300
			Westmont, IL 60559
PHONE	419-266-4671	PHONE	630-986-2900
FAX		FAX	PO# E9306

SAMPLE ID	SAMPLE DESCRIPTION	SAMPLE DATE	SAMPLE TIME	SAMPLE MATRIX	SAMPLE TYPE	CONTAINER TYPE	NUMBER OF CONTAINERS	TPH analysis(EPH Cat2, DRO & GRO) (8015)	COMMENTS
EX-7-TPH-1	TPH	11/25	11:00	Soil	G	Teracore / 8oz	2	X	

REQUESTED ANALYSIS/METHOD

SAMPLER	A. Farmerie	SHIPMENT	courier
		AIRBILL	

REQUIRED TURNAROUND ☐ SAME DAY ☐ 24 HOURS ☐ 48 HOURS ☐ 72 HOURS ☒ 5 DAYS ☐ 10 DAYS ☐ ROUTINE ☐ OTHER:

1. RELINQUISHED BY	DATE	2. RELINQUISHED BY	DATE	3. RELINQUISHED BY	DATE
SIGNATURE:	11-25-24	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY: Austin Farmerie ENTACT	4:00	PRINTED NAME/COMPANY:		PRINTED NAME/COMPANY:	
1. RECEIVED BY	DATE	2. RECEIVED BY	DATE	3. RECEIVED BY	DATE
SIGNATURE: 4.2°C	11-25-24	SIGNATURE:		SIGNATURE:	
PRINTED NAME/COMPANY:	16:00	PRINTED NAME/COMPANY:		PRINTED NAME/COMPANY:	

P5002

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