



A

B

C

SAMPLE DATA

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
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
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

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	11/26/24	11/27/24	11/25/24
			Diesel Range Organics	8015D				
			Gasoline Range Organics	8015D			11/26/24	



SAMPLE DATA

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
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
11/26/24 10:25	11/27/24 12:27	PB165286

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
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

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

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

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-Fluorobiphenyl (SURR)	62.2		40 - 140	124%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.8		40 - 140	92%	SPK: 50

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-Fluorobiphenyl (SURR)	8.224	8.224	7161646	62.18		ug/ml
ortho-Terphenyl (SURR)	11.266	11.266	8806368	45.79		ug/ml

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

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

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-Fluorobiphenyl (SURR)	5.24		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	6.02		40 - 140	120%	SPK: 50

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 (SURRE)	7.364	7.364	1353254	7.69		ug/ml
2-Fluorobiphenyl (SURRE)	8.215	8.215	603553	5.24		ug/ml
ortho-Terphenyl (SURRE)	11.247	11.247	1158676	6.02		ug/ml

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

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

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-Fluorobiphenyl (SURR)	2.88		40 - 140	115%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.35		40 - 140	134%	SPK: 50

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 (SURRE)	7.364	7.364	807281	4.59		ug/ml
2-Fluorobiphenyl (SURRE)	8.217	8.217	331368	2.88		ug/ml
ortho-Terphenyl (SURRE)	11.246	11.246	643801	3.35		ug/ml

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	Diesel Range Organics	8015D	11/25/24	11/26/24	11/27/24	11/25/24
			Gasoline Range Organics	8015D			11/26/24	
			EPH	NJEPH		11/26/24	11/27/24	
P5002-01DL	EX-7-TPH-1DL	Solid	EPH	NJEPH	11/25/24	11/26/24	11/27/24	11/25/24
P5002-01DL 2	EX-7-TPH-1DL2	Solid	EPH	NJEPH	11/25/24	11/26/24	11/27/24	11/25/24



SAMPLE DATA

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
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
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

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	Diesel Range Organics	8015D	11/25/24	11/26/24	11/27/24	11/25/24
			Gasoline Range Organics	8015D			11/26/24	
			EPH	NJEPH		11/26/24	11/27/24	
P5002-01DL	EX-7-TPH-1DL	Solid	EPH	NJEPH	11/25/24	11/26/24	11/27/24	11/25/24
P5002-01DL 2	EX-7-TPH-1DL2	Solid	EPH	NJEPH	11/25/24	11/26/24	11/27/24	11/25/24