



SAMPLE DATA

A

B

C

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-1	SDG No.:	P4518
Lab Sample ID:	P4518-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.5
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
10/25/24 09:05	10/28/24 18:16	PB164396

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	37.1		5	2.41	6.35	mg/kg FC067548.D
Aliphatic C12-C16	Aliphatic C12-C16	358		25	7.63	21.2	mg/kg FC067549.D
Aliphatic C16-C21	Aliphatic C16-C21	351		25	9.53	31.8	mg/kg FC067549.D
Aliphatic C21-C28	Aliphatic C21-C28	31.0		5	5.08	8.47	mg/kg FC067548.D
Aliphatic C28-C40	Aliphatic C28-C40	55.7		5	11.4	12.7	mg/kg FC067548.D
Aromatic C10-C12	Aromatic C10-C12	9.10		1	0.38	0.85	mg/kg FD048589.D
Aromatic C12-C16	Aromatic C12-C16	108		10	4.32	12.7	mg/kg FD048609.D
Aromatic C16-C21	Aromatic C16-C21	325		10	12.2	21.2	mg/kg FD048609.D
Aromatic C21-C36	Aromatic C21-C36	60.3		1	2.54	3.39	mg/kg FD048589.D
Total AliphaticEPH	Total AliphaticEPH	833			36.0	80.5	mg/kg
Total AromaticEPH	Total AromaticEPH	502			19.4	38.1	mg/kg
Total EPH	Total EPH	1340			55.5	119	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	10/23/24	
Project:	North Point		Date Received:	10/23/24	
Client Sample ID:	EX-5-TPH-1		SDG No.:	P4518	
Lab Sample ID:	P4518-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	78.5	
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
FC067526.D	1	10/25/24	10/25/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	38.0	E	0.48	1.27	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	274	E	0.31	0.85	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	290	E	0.38	1.27	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	85.7	E	1.02	1.69	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	74.1	E	2.29	2.54	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.1		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-01	Acq On:	25 Oct 2024 16:18
Client Sample ID:	EX-5-TPH-1	Operator:	YP/AJ
Data file:	FC067526.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	60835523	449.071	300	ug/ml
Aliphatic C12-C16	6.454	9.843	426061804	3240	200	ug/ml
Aliphatic C16-C21	9.844	13.201	436875004	3430	300	ug/ml
Aliphatic C21-C28	13.202	16.856	121411312	1010	400	ug/ml
Aliphatic C28-C40	16.857	21.702	88429971	874.737	600	ug/ml
Aliphatic EPH	3.173	21.702	1133613614	9000		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.938	12.938	4433909	41.06		ug/ml
Aliphatic C9-C28	3.173	16.856	1045183643	8130	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-1	SDG No.:	P4518
Lab Sample ID:	P4518-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.5
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
FD048589.D	1	10/25/24	10/25/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	9.10		0.38	0.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	91.9	E	0.43	1.27	mg/kg
Aromatic C16-C21	Aromatic C16-C21	308	E	1.22	2.12	mg/kg
Aromatic C21-C36	Aromatic C21-C36	60.3		2.54	3.39	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	64.9		40 - 140	130%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	68.0		40 - 140	136%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	50.9		40 - 140	102%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-01	Acq On:	25 Oct 2024 16:18
Client Sample ID:	EX-5-TPH-1	Operator:	YP/AJ
Data file:	FD048589.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	18930236	107.434	200	ug/ml
Aromatic C12-C16	5.813	8.418	192256556	1080	300	ug/ml
Aromatic C16-C21	8.419	12.680	596891346	3640	500	ug/ml
Aromatic C21-C36	12.681	18.085	108611000	711.209	800	ug/ml
Aromatic EPH	4.094	18.085	916689138	5550		ug/ml
2-Bromonaphthalene (SURRE)	7.377	7.377	9849680	64.89		ug/ml
2-Fluorobiphenyl (SURRE)	8.230	8.230	6682262	68.05		ug/ml
ortho-Terphenyl (SURRE)	11.269	11.269	8669784	50.9		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-1DL	SDG No.:	P4518
Lab Sample ID:	P4518-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.5
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
FC067548.D	5	10/25/24	10/28/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	37.1		2.41	6.35	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	278	E	1.53	4.24	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	274	E	1.91	6.35	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	31.0		5.08	8.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	55.7		11.4	12.7	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	8.46		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-01DL	Acq On:	28 Oct 2024 18:16
Client Sample ID:	EX-5-TPH-1DL	Operator:	YP/AJ
Data file:	FC067548.D	Misc:	
Instrument:	FID_C	ALS Vial:	24
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	11864579	87.581	300	ug/ml
Aliphatic C12-C16	6.454	9.842	86636057	657.92	200	ug/ml
Aliphatic C16-C21	9.843	13.200	82408747	647.689	300	ug/ml
Aliphatic C21-C28	13.201	16.853	8794558	73.233	400	ug/ml
Aliphatic C28-C40	16.854	21.695	13301454	131.576	600	ug/ml
Aliphatic EPH	3.173	21.695	203005395	1600		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	913742	8.46		ug/ml
Aliphatic C9-C28	3.173	16.853	189703941	1470	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-1DL	SDG No.:	P4518
Lab Sample ID:	P4518-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.5
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
FD048609.D	10	10/25/24	10/28/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	10.1		3.81	8.47	mg/kg
Aromatic C12-C16	Aromatic C12-C16	108		4.32	12.7	mg/kg
Aromatic C16-C21	Aromatic C16-C21	325		12.2	21.2	mg/kg
Aromatic C21-C36	Aromatic C21-C36	47.4		25.4	33.9	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	7.78		40 - 140	156%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	6.29		40 - 140	126%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.79		40 - 140	116%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-01DL	Acq On:	28 Oct 2024 17:39
Client Sample ID:	EX-5-TPH-1DL	Operator:	YP/AJ
Data file:	FD048609.D	Misc:	
Instrument:	FID_D	ALS Vial:	72
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	2110583	11.978	200	ug/ml
Aromatic C12-C16	5.813	8.417	22650474	127.771	300	ug/ml
Aromatic C16-C21	8.418	12.677	62964351	384.321	500	ug/ml
Aromatic C21-C36	12.678	18.081	8552149	56.001	800	ug/ml
Aromatic EPH	4.094	18.081	96277557	580.072		ug/ml
ortho-Terphenyl (SURR)	11.253	11.253	985651	5.79		ug/ml
2-Bromonaphthalene (SURR)	7.370	7.370	1180949	7.78		ug/ml
2-Flurobiphenyl (SURR)	8.222	8.222	617676	6.29		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-1DL2	SDG No.:	P4518
Lab Sample ID:	P4518-01DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	78.5
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
FC067549.D	25	10/25/24	10/28/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	42.2		12.1	31.8	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	358		7.63	21.2	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	351		9.53	31.8	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	35.9	J	25.4	42.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	90.9		57.2	63.5	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	2.03		40 - 140	102%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-01DL2	Acq On:	28 Oct 2024 18:52
Client Sample ID:	EX-5-TPH-1DL2	Operator:	YP/AJ
Data file:	FC067549.D	Misc:	
Instrument:	FID_C	ALS Vial:	25
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	2700848	19.937	300	ug/ml
Aliphatic C12-C16	6.454	9.842	22302236	169.365	200	ug/ml
Aliphatic C16-C21	9.843	13.200	21127604	166.052	300	ug/ml
Aliphatic C21-C28	13.201	16.853	2035428	16.949	400	ug/ml
Aliphatic C28-C40	16.854	21.695	4338513	42.916	600	ug/ml
Aliphatic EPH	3.173	21.695	52504629	415.218		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.930	12.930	218686	2.03		ug/ml
Aliphatic C9-C28	3.173	16.853	48166116	372.303	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-2	SDG No.:	P4518
Lab Sample ID:	P4518-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
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
10/25/24 09:05	10/29/24 7:42	PB164396

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	44.1		5	2.39	6.30	mg/kg FC067550.D
Aliphatic C12-C16	Aliphatic C12-C16	235		25	7.56	21.0	mg/kg FC067553.D
Aliphatic C16-C21	Aliphatic C16-C21	340		25	9.45	31.5	mg/kg FC067553.D
Aliphatic C21-C28	Aliphatic C21-C28	100		5	5.04	8.40	mg/kg FC067550.D
Aliphatic C28-C40	Aliphatic C28-C40	125		5	11.3	12.6	mg/kg FC067550.D
Aromatic C10-C12	Aromatic C10-C12	17.5		2	0.76	1.68	mg/kg FD048610.D
Aromatic C12-C16	Aromatic C12-C16	125		20	8.57	25.2	mg/kg FD048611.D
Aromatic C16-C21	Aromatic C16-C21	433		20	24.2	42.0	mg/kg FD048611.D
Aromatic C21-C36	Aromatic C21-C36	77.6		2	5.04	6.72	mg/kg FD048610.D
Total AliphaticEPH	Total AliphaticEPH	844			35.7	79.8	mg/kg
Total AromaticEPH	Total AromaticEPH	653			38.6	75.6	mg/kg
Total EPH	Total EPH	1500			74.3	155	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	10/23/24	
Project:	North Point		Date Received:	10/23/24	
Client Sample ID:	EX-5-TPH-2		SDG No.:	P4518	
Lab Sample ID:	P4518-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79.2	
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
FC067527.D	1	10/25/24	10/25/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	48.1	E	0.48	1.26	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	229	E	0.30	0.84	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	328	E	0.38	1.26	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	133	E	1.01	1.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	129	E	2.27	2.52	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	18.5		40 - 140	37%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-02	Acq On:	25 Oct 2024 16:54
Client Sample ID:	EX-5-TPH-2	Operator:	YP/AJ
Data file:	FC067527.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	77619115	572.963	300	ug/ml
Aliphatic C12-C16	6.454	9.843	358862923	2730	200	ug/ml
Aliphatic C16-C21	9.844	13.201	498057818	3910	300	ug/ml
Aliphatic C21-C28	13.202	16.856	191040399	1590	400	ug/ml
Aliphatic C28-C40	16.857	21.702	155735922	1540	600	ug/ml
Aliphatic EPH	3.173	21.702	1281316177	10300		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.938	12.938	1994533	18.47		ug/ml
Aliphatic C9-C28	3.173	16.856	1125580255	8800	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/23/24	
Project:	North Point		Date Received:	10/23/24	
Client Sample ID:	EX-5-TPH-2		SDG No.:	P4518	
Lab Sample ID:	P4518-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79.2	
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
FD048590.D	1	10/25/24	10/25/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	17.5	E	0.38	0.84	mg/kg
Aromatic C12-C16	Aromatic C12-C16	103	E	0.43	1.26	mg/kg
Aromatic C16-C21	Aromatic C16-C21	357	E	1.21	2.10	mg/kg
Aromatic C21-C36	Aromatic C21-C36	85.7	E	2.52	3.36	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.1		40 - 140	112%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	62.2		40 - 140	124%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	20.4		40 - 140	41%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-02	Acq On:	25 Oct 2024 16:54
Client Sample ID:	EX-5-TPH-2	Operator:	YP/AJ
Data file:	FD048590.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	36787552	208.78	200	ug/ml
Aromatic C12-C16	5.813	8.418	218121092	1230	300	ug/ml
Aromatic C16-C21	8.419	12.680	696406923	4250	500	ug/ml
Aromatic C21-C36	12.681	18.085	155662040	1020	800	ug/ml
Aromatic EPH	4.094	18.085	1106977607	6710		ug/ml
2-Bromonaphthalene (SURR)	7.377	7.377	8509906	56.07		ug/ml
2-Fluorobiphenyl (SURR)	8.230	8.230	6108272	62.21		ug/ml
ortho-Terphenyl (SURR)	11.269	11.269	3471602	20.38		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-2DL	SDG No.:	P4518
Lab Sample ID:	P4518-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
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
FC067550.D	5	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	44.1		2.39	6.30	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	233	E	1.51	4.20	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	336	E	1.89	6.30	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	100		5.04	8.40	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	125		11.3	12.6	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	3.45		40 - 140	34%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-02DL	Acq On:	29 Oct 2024 07:42
Client Sample ID:	EX-5-TPH-2DL	Operator:	YP/AJ
Data file:	FC067550.D	Misc:	
Instrument:	FID_C	ALS Vial:	26
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	14224095	104.998	300	ug/ml
Aliphatic C12-C16	6.454	9.842	73228832	556.105	200	ug/ml
Aliphatic C16-C21	9.843	13.200	101975635	801.474	300	ug/ml
Aliphatic C21-C28	13.201	16.853	28852913	240.26	400	ug/ml
Aliphatic C28-C40	16.854	21.695	30163799	298.376	600	ug/ml
Aliphatic EPH	3.173	21.695	248445274	2000		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.934	12.934	372058	3.45		ug/ml
Aliphatic C9-C28	3.173	16.853	218281475	1700	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-2DL	SDG No.:	P4518
Lab Sample ID:	P4518-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
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
FD048610.D	2	10/25/24	10/28/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	17.5		0.76	1.68	mg/kg
Aromatic C12-C16	Aromatic C12-C16	106	E	0.86	2.52	mg/kg
Aromatic C16-C21	Aromatic C16-C21	346	E	2.42	4.20	mg/kg
Aromatic C21-C36	Aromatic C21-C36	77.6		5.04	6.72	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	30.5		40 - 140	122%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	29.1		40 - 140	116%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	11.3		40 - 140	45%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-02DL	Acq On:	28 Oct 2024 18:16
Client Sample ID:	EX-5-TPH-2DL	Operator:	YP/AJ
Data file:	FD048610.D	Misc:	
Instrument:	FID_D	ALS Vial:	73
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	18361443	104.206	200	ug/ml
Aromatic C12-C16	5.813	8.417	112183874	632.829	300	ug/ml
Aromatic C16-C21	8.418	12.677	338141517	2060	500	ug/ml
Aromatic C21-C36	12.678	18.081	70531991	461.859	800	ug/ml
Aromatic EPH	4.094	18.081	539218825	3260		ug/ml
ortho-Terphenyl (SURR)	11.258	11.258	1925911	11.31		ug/ml
2-Bromonaphthalene (SURR)	7.370	7.370	4628962	30.5		ug/ml
2-Flurobiphenyl (SURR)	8.222	8.222	2858937	29.12		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-2DL2	SDG No.:	P4518
Lab Sample ID:	P4518-02DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
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
FC067553.D	25	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
	Aliphatic C9-C12	Aliphatic C9-C12	50.5	12.0	31.5	mg/kg
	Aliphatic C12-C16	Aliphatic C12-C16	235	7.56	21.0	mg/kg
	Aliphatic C16-C21	Aliphatic C16-C21	340	9.45	31.5	mg/kg
	Aliphatic C21-C28	Aliphatic C21-C28	42.5	25.2	42.0	mg/kg
	Aliphatic C28-C40	Aliphatic C28-C40	152	56.7	63.0	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.76		40 - 140	38%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-02DL2	Acq On:	29 Oct 2024 09:31
Client Sample ID:	EX-5-TPH-2DL2	Operator:	YP/AJ
Data file:	FC067553.D	Misc:	
Instrument:	FID_C	ALS Vial:	27
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	3259580	24.061	300	ug/ml
Aliphatic C12-C16	6.454	9.842	14755876	112.057	200	ug/ml
Aliphatic C16-C21	9.843	13.200	20595384	161.869	300	ug/ml
Aliphatic C21-C28	13.201	16.853	2428411	20.222	400	ug/ml
Aliphatic C28-C40	16.854	21.695	7332815	72.535	600	ug/ml
Aliphatic EPH	3.173	21.695	48372066	390.744		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.928	12.928	82366	0.76		ug/ml
Aliphatic C9-C28	3.173	16.853	41039251	318.209	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-2DL2	SDG No.:	P4518
Lab Sample ID:	P4518-02DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.2
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
FD048611.D	20	10/25/24	10/28/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	22.1		7.56	16.8	mg/kg
Aromatic C12-C16	Aromatic C12-C16	125		8.57	25.2	mg/kg
Aromatic C16-C21	Aromatic C16-C21	433		24.2	42.0	mg/kg
Aromatic C21-C36	Aromatic C21-C36	62.1	J	50.4	67.2	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	3.53		40 - 140	141%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	2.81		40 - 140	112%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	1.31		40 - 140	52%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-02DL2	Acq On:	28 Oct 2024 18:52
Client Sample ID:	EX-5-TPH-2DL2	Operator:	YP/AJ
Data file:	FD048611.D	Misc:	
Instrument:	FID_D	ALS Vial:	74
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	2317599	13.153	200	ug/ml
Aromatic C12-C16	5.813	8.417	13195016	74.433	300	ug/ml
Aromatic C16-C21	8.418	12.677	42227577	257.748	500	ug/ml
Aromatic C21-C36	12.678	18.081	5643287	36.954	800	ug/ml
Aromatic EPH	4.094	18.081	63383479	382.288		ug/ml
2-Bromonaphthalene (SURR)	7.371	7.371	535619	3.53		ug/ml
2-Fluorobiphenyl (SURR)	8.224	8.224	276369	2.81		ug/ml
ortho-Terphenyl (SURR)	11.254	11.254	223705	1.31		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-3	SDG No.:	P4518
Lab Sample ID:	P4518-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.1
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
10/25/24 09:05	10/25/24 17:30	PB164396

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	23.1		1	0.45	1.19	mg/kg FC067528.D
Aliphatic C12-C16	Aliphatic C12-C16	165		20	5.70	15.8	mg/kg FC067555.D
Aliphatic C16-C21	Aliphatic C16-C21	194		20	7.13	23.8	mg/kg FC067555.D
Aliphatic C21-C28	Aliphatic C21-C28	48.9		5	4.75	7.92	mg/kg FC067554.D
Aliphatic C28-C40	Aliphatic C28-C40	64.3		5	10.7	11.9	mg/kg FC067554.D
Aromatic C10-C12	Aromatic C10-C12	8.24		1	0.36	0.79	mg/kg FD048591.D
Aromatic C12-C16	Aromatic C12-C16	73.3		10	4.04	11.9	mg/kg FD048612.D
Aromatic C16-C21	Aromatic C16-C21	251		10	11.4	19.8	mg/kg FD048612.D
Aromatic C21-C36	Aromatic C21-C36	46.4		1	2.38	3.17	mg/kg FD048591.D
Total AliphaticEPH	Total AliphaticEPH	495			28.7	60.6	mg/kg
Total AromaticEPH	Total AromaticEPH	379			18.2	35.7	mg/kg
Total EPH	Total EPH	874			46.9	96.3	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:	10/23/24	
Project:	North Point		Date Received:	10/23/24	
Client Sample ID:	EX-5-TPH-3		SDG No.:	P4518	
Lab Sample ID:	P4518-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.1	
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
FC067528.D	1	10/25/24	10/25/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	23.1		0.45	1.19	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	159	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	195	E	0.36	1.19	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	64.0	E	0.95	1.58	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	72.6	E	2.14	2.38	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.7		40 - 140	45%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-03	Acq On:	25 Oct 2024 17:30
Client Sample ID:	EX-5-TPH-3	Operator:	YP/AJ
Data file:	FC067528.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	39510283	291.654	300	ug/ml
Aliphatic C12-C16	6.454	9.843	265627879	2020	200	ug/ml
Aliphatic C16-C21	9.844	13.201	314391084	2470	300	ug/ml
Aliphatic C21-C28	13.202	16.856	96978920	807.549	400	ug/ml
Aliphatic C28-C40	16.857	21.702	92710265	917.077	600	ug/ml
Aliphatic EPH	3.173	21.702	809218431	6500		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.939	12.939	2448698	22.68		ug/ml
Aliphatic C9-C28	3.173	16.856	716508166	5590	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-3	SDG No.:	P4518
Lab Sample ID:	P4518-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.1
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
FD048591.D	1	10/25/24	10/25/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	8.24		0.36	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	65.3	E	0.40	1.19	mg/kg
Aromatic C16-C21	Aromatic C16-C21	225	E	1.14	1.98	mg/kg
Aromatic C21-C36	Aromatic C21-C36	46.4		2.38	3.17	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	66.5		40 - 140	133%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	64.7		40 - 140	129%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.1		40 - 140	66%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-03	Acq On:	25 Oct 2024 17:30
Client Sample ID:	EX-5-TPH-3	Operator:	YP/AJ
Data file:	FD048591.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	4.094	5.812	18334401	104.053	200	ug/ml
Aromatic C12-C16	5.813	8.418	146087426	824.079	300	ug/ml
Aromatic C16-C21	8.419	12.680	465611718	2840	500	ug/ml
Aromatic C21-C36	12.681	18.085	89555718	586.431	800	ug/ml
Aromatic EPH	4.094	18.085	719589263	4360		ug/ml
2-Bromonaphthalene (SURRE)	7.377	7.377	10098097	66.53		ug/ml
2-Fluorobiphenyl (SURRE)	8.228	8.228	6355793	64.73		ug/ml
ortho-Terphenyl (SURRE)	11.266	11.266	5637823	33.1		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/23/24	
Project:	North Point		Date Received:	10/23/24	
Client Sample ID:	EX-5-TPH-3DL		SDG No.:	P4518	
Lab Sample ID:	P4518-03DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.1	
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
FC067554.D	5	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	24.8		2.26	5.94	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	174	E	1.43	3.96	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	209	E	1.78	5.94	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	48.9		4.75	7.92	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	64.3		10.7	11.9	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.87		40 - 140	49%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-03DL	Acq On:	29 Oct 2024 10:08
Client Sample ID:	EX-5-TPH-3DL	Operator:	YP/AJ
Data file:	FC067554.D	Misc:	
Instrument:	FID_C	ALS Vial:	28
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	8495741	62.713	300	ug/ml
Aliphatic C12-C16	6.454	9.842	57944206	440.032	200	ug/ml
Aliphatic C16-C21	9.843	13.200	67441748	530.056	300	ug/ml
Aliphatic C21-C28	13.201	16.853	14844129	123.608	400	ug/ml
Aliphatic C28-C40	16.854	21.695	16407177	162.298	600	ug/ml
Aliphatic EPH	3.173	21.695	165133001	1320		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	525715	4.87		ug/ml
Aliphatic C9-C28	3.173	16.853	148725824	1160	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-3DL	SDG No.:	P4518
Lab Sample ID:	P4518-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.1
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
FD048612.D	10	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	9.86		3.56	7.92	mg/kg
Aromatic C12-C16	Aromatic C12-C16	73.3		4.04	11.9	mg/kg
Aromatic C16-C21	Aromatic C16-C21	251		11.4	19.8	mg/kg
Aromatic C21-C36	Aromatic C21-C36	45.8		23.8	31.7	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	6.91		40 - 140	138%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	6.24		40 - 140	125%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.99		40 - 140	80%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-03DL	Acq On:	29 Oct 2024 07:42
Client Sample ID:	EX-5-TPH-3DL	Operator:	YP/AJ
Data file:	FD048612.D	Misc:	
Instrument:	FID_D	ALS Vial:	75
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	2193034	12.446	200	ug/ml
Aromatic C12-C16	5.813	8.417	16405999	92.546	300	ug/ml
Aromatic C16-C21	8.418	12.677	52119207	318.125	500	ug/ml
Aromatic C21-C36	12.678	18.081	8834216	57.848	800	ug/ml
Aromatic EPH	4.094	18.081	79552456	480.966		ug/ml
2-Bromonaphthalene (SURR)	7.367	7.367	1049399	6.91		ug/ml
2-Fluorobiphenyl (SURR)	8.219	8.219	612546	6.24		ug/ml
ortho-Terphenyl (SURR)	11.251	11.251	680038	3.99		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/23/24	
Project:	North Point		Date Received:	10/23/24	
Client Sample ID:	EX-5-TPH-3DL2		SDG No.:	P4518	
Lab Sample ID:	P4518-03DL2		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.1	
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
FC067555.D	20	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	22.3	J	9.03	23.8	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	165		5.70	15.8	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	194		7.13	23.8	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	20.2	J	19.0	31.7	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	72.3		42.8	47.5	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.14		40 - 140	46%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-03DL2	Acq On:	29 Oct 2024 10:46
Client Sample ID:	EX-5-TPH-3DL2	Operator:	YP/AJ
Data file:	FC067555.D	Misc:	
Instrument:	FID_C	ALS Vial:	29
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	1906626	14.074	300	ug/ml
Aliphatic C12-C16	6.454	9.842	13722724	104.211	200	ug/ml
Aliphatic C16-C21	9.843	13.200	15595715	122.574	300	ug/ml
Aliphatic C21-C28	13.201	16.853	1531831	12.756	400	ug/ml
Aliphatic C28-C40	16.854	21.695	4614704	45.648	600	ug/ml
Aliphatic EPH	3.173	21.695	37371600	299.263		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	122906	1.14		ug/ml
Aliphatic C9-C28	3.173	16.853	32756896	253.615	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-4	SDG No.:	P4518
Lab Sample ID:	P4518-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.2
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
10/25/24 09:05	10/29/24 11:23	PB164396

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	140		10	4.73	12.4	mg/kg FC067556.D
Aliphatic C12-C16	Aliphatic C12-C16	860		100	29.8	82.9	mg/kg FC067557.D
Aliphatic C16-C21	Aliphatic C16-C21	779		100	37.3	124	mg/kg FC067557.D
Aliphatic C21-C28	Aliphatic C21-C28	162		10	9.95	16.6	mg/kg FC067556.D
Aliphatic C28-C40	Aliphatic C28-C40	172		10	22.4	24.9	mg/kg FC067556.D
Aromatic C10-C12	Aromatic C10-C12	33.4		5	1.87	4.15	mg/kg FD048615.D
Aromatic C12-C16	Aromatic C12-C16	254		20	8.46	24.9	mg/kg FD048616.D
Aromatic C16-C21	Aromatic C16-C21	670		20	23.9	41.5	mg/kg FD048616.D
Aromatic C21-C36	Aromatic C21-C36	88.5		5	12.4	16.6	mg/kg FD048615.D
Total AliphaticEPH	Total AliphaticEPH	2110			104	261	mg/kg
Total AromaticEPH	Total AromaticEPH	1050			46.6	87.2	mg/kg
Total EPH	Total EPH	3160			151	348	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	10/23/24	
Project:	North Point		Date Received:	10/23/24	
Client Sample ID:	EX-5-TPH-4		SDG No.:	P4518	
Lab Sample ID:	P4518-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	80.2	
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
FC067529.D	1	10/25/24	10/25/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	121	E	0.47	1.24	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	691	E	0.30	0.83	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	675	E	0.37	1.24	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	186	E	1.00	1.66	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	184	E	2.24	2.49	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.6		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-04	Acq On:	25 Oct 2024 18:06
Client Sample ID:	EX-5-TPH-4	Operator:	YP/AJ
Data file:	FC067529.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	3.173	6.453	199202192	1470	300	ug/ml
Aliphatic C12-C16	6.454	9.843	1097748146	8340	200	ug/ml
Aliphatic C16-C21	9.844	13.201	1036694090	8150	300	ug/ml
Aliphatic C21-C28	13.202	16.856	270766709	2250	400	ug/ml
Aliphatic C28-C40	16.857	21.702	224502297	2220	600	ug/ml
Aliphatic EPH	3.173	21.702	2828913434	22400		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.943	12.943	3955002	36.62		ug/ml
Aliphatic C9-C28	3.173	16.856	2604411137	20300	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/23/24	
Project:	North Point		Date Received:	10/23/24	
Client Sample ID:	EX-5-TPH-4		SDG No.:	P4518	
Lab Sample ID:	P4518-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	80.2	
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
FD048592.D	1	10/25/24	10/25/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	29.5	E	0.37	0.83	mg/kg
Aromatic C12-C16	Aromatic C12-C16	218	E	0.42	1.24	mg/kg
Aromatic C16-C21	Aromatic C16-C21	553	E	1.19	2.07	mg/kg
Aromatic C21-C36	Aromatic C21-C36	90.1	E	2.49	3.32	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	60.4		40 - 140	121%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	71.9		40 - 140	144%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.6		40 - 140	71%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-04	Acq On:	25 Oct 2024 18:06
Client Sample ID:	EX-5-TPH-4	Operator:	YP/AJ
Data file:	FD048592.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	4.094	5.812	62680456	355.729	200	ug/ml
Aromatic C12-C16	5.813	8.418	466537397	2630	300	ug/ml
Aromatic C16-C21	8.419	12.680	1094509282	6680	500	ug/ml
Aromatic C21-C36	12.681	18.085	165927943	1090	800	ug/ml
Aromatic EPH	4.094	18.085	1789655078	10800		ug/ml
ortho-Terphenyl (SURR)	11.276	11.276	6060467	35.58		ug/ml
2-Bromonaphthalene (SURR)	7.379	7.379	9160971	60.36		ug/ml
2-Flurobiphenyl (SURR)	8.237	8.237	7056663	71.87		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-4DL	SDG No.:	P4518
Lab Sample ID:	P4518-04DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.2
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
FC067556.D	10	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	140		4.73	12.4	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	819	E	2.98	8.29	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	762	E	3.73	12.4	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	162		9.95	16.6	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	172		22.4	24.9	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	3.67		40 - 140	73%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4518-04DL	Acq On:	29 Oct 2024 11:23
Client Sample ID:	EX-5-TPH-4DL	Operator:	YP/AJ
Data file:	FC067556.D	Misc:	
Instrument:	FID_C	ALS Vial:	30
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	22970876	169.565	300	ug/ml
Aliphatic C12-C16	6.454	9.842	130160403	988.447	200	ug/ml
Aliphatic C16-C21	9.843	13.200	117053682	919.98	300	ug/ml
Aliphatic C21-C28	13.201	16.853	23516503	195.823	400	ug/ml
Aliphatic C28-C40	16.854	21.695	21027710	208.003	600	ug/ml
Aliphatic EPH	3.173	21.695	314729174	2480		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	396097	3.67		ug/ml
Aliphatic C9-C28	3.173	16.853	293701464	2270	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-4DL	SDG No.:	P4518
Lab Sample ID:	P4518-04DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.2
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
FD048615.D	5	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	33.4		1.87	4.15	mg/kg
Aromatic C12-C16	Aromatic C12-C16	238	E	2.11	6.22	mg/kg
Aromatic C16-C21	Aromatic C16-C21	617	E	5.97	10.4	mg/kg
Aromatic C21-C36	Aromatic C21-C36	88.5		12.4	16.6	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	15.4		40 - 140	154%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	13.0		40 - 140	130%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	7.51		40 - 140	75%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-04DL	Acq On:	29 Oct 2024 09:31
Client Sample ID:	EX-5-TPH-4DL	Operator:	YP/AJ
Data file:	FD048615.D	Misc:	
Instrument:	FID_D	ALS Vial:	76
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	14192652	80.547	200	ug/ml
Aromatic C12-C16	5.813	8.417	102069740	575.776	300	ug/ml
Aromatic C16-C21	8.418	12.677	244146147	1490	500	ug/ml
Aromatic C21-C36	12.678	18.081	32594673	213.437	800	ug/ml
Aromatic EPH	4.094	18.081	393003212	2360		ug/ml
2-Bromonaphthalene (SURRE)	7.371	7.371	2338106	15.4		ug/ml
2-Fluorobiphenyl (SURRE)	8.223	8.223	1275250	12.99		ug/ml
ortho-Terphenyl (SURRE)	11.256	11.256	1279387	7.51		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-4DL2	SDG No.:	P4518
Lab Sample ID:	P4518-04DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.2
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
FC067557.D	100	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	132		47.3	124	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	860		29.8	82.9	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	779		37.3	124	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	61.4	J	99.5	165	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	270		223	248	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.42		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:	P4518-04DL2	Acq On:	29 Oct 2024 12:00
Client Sample ID:	EX-5-TPH-4DL2	Operator:	YP/AJ
Data file:	FC067557.D	Misc:	
Instrument:	FID_C	ALS Vial:	31
Dilution Factor:	100	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	2166001	15.989	300	ug/ml
Aliphatic C12-C16	6.454	9.842	13668978	103.803	200	ug/ml
Aliphatic C16-C21	9.843	13.200	11958464	93.987	300	ug/ml
Aliphatic C21-C28	13.201	16.853	888813	7.401	400	ug/ml
Aliphatic C28-C40	16.854	21.695	3292936	32.573	600	ug/ml
Aliphatic EPH	3.173	21.695	31975192	253.754		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.930	12.930	45147	0.42		ug/ml
Aliphatic C9-C28	3.173	16.853	28682256	221.18	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-4DL2	SDG No.:	P4518
Lab Sample ID:	P4518-04DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	80.2
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
FD048616.D	20	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	37.0		7.46	16.6	mg/kg
Aromatic C12-C16	Aromatic C12-C16	254		8.46	24.9	mg/kg
Aromatic C16-C21	Aromatic C16-C21	670		23.9	41.5	mg/kg
Aromatic C21-C36	Aromatic C21-C36	77.6		49.7	66.3	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	4.10		40 - 140	164%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	2.92		40 - 140	117%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.27		40 - 140	91%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-04DL2	Acq On:	29 Oct 2024 10:08
Client Sample ID:	EX-5-TPH-4DL2	Operator:	YP/AJ
Data file:	FD048616.D	Misc:	
Instrument:	FID_D	ALS Vial:	77
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	3928545	22.296	200	ug/ml
Aromatic C12-C16	5.813	8.417	27203162	153.453	300	ug/ml
Aromatic C16-C21	8.418	12.677	66220264	404.195	500	ug/ml
Aromatic C21-C36	12.678	18.081	7148958	46.813	800	ug/ml
Aromatic EPH	4.094	18.081	104500929	626.756		ug/ml
2-Bromonaphthalene (SURR)	7.372	7.372	622156	4.1		ug/ml
2-Fluorobiphenyl (SURR)	8.224	8.224	286672	2.92		ug/ml
ortho-Terphenyl (SURR)	11.253	11.253	386544	2.27		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-5	SDG No.:	P4518
Lab Sample ID:	P4518-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	73.9
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
10/25/24 09:05	10/28/24 12:40	PB164396

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	23.2		1	0.51	1.35	mg/kg FC067539.D
Aliphatic C12-C16	Aliphatic C12-C16	201		20	6.47	18.0	mg/kg FC067559.D
Aliphatic C16-C21	Aliphatic C16-C21	208		20	8.09	27.0	mg/kg FC067559.D
Aliphatic C21-C28	Aliphatic C21-C28	19.1		5	5.39	8.99	mg/kg FC067558.D
Aliphatic C28-C40	Aliphatic C28-C40	38.9		1	2.43	2.70	mg/kg FC067539.D
Aromatic C10-C12	Aromatic C10-C12	4.94		1	0.41	0.90	mg/kg FD048600.D
Aromatic C12-C16	Aromatic C12-C16	56.9		5	2.29	6.74	mg/kg FD048617.D
Aromatic C16-C21	Aromatic C16-C21	178		5	6.47	11.2	mg/kg FD048617.D
Aromatic C21-C36	Aromatic C21-C36	40.5		1	2.70	3.60	mg/kg FD048600.D
Total AliphaticEPH	Total AliphaticEPH	490			22.9	58.0	mg/kg
Total AromaticEPH	Total AromaticEPH	280			11.9	22.4	mg/kg
Total EPH	Total EPH	771			34.8	80.5	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	10/23/24	
Project:	North Point		Date Received:	10/23/24	
Client Sample ID:	EX-5-TPH-5		SDG No.:	P4518	
Lab Sample ID:	P4518-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	73.9	
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
FC067539.D	1	10/25/24	10/28/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	23.2		0.51	1.35	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	184	E	0.32	0.90	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	200	E	0.41	1.35	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	36.9	E	1.08	1.80	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	38.9		2.43	2.70	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.2		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:	P4518-05	Acq On:	28 Oct 2024 12:40
Client Sample ID:	EX-5-TPH-5	Operator:	YP/AJ
Data file:	FC067539.D	Misc:	
Instrument:	FID_C	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	34944397	257.95	300	ug/ml
Aliphatic C12-C16	6.454	9.842	270769093	2060	200	ug/ml
Aliphatic C16-C21	9.843	13.200	284358818	2230	300	ug/ml
Aliphatic C21-C28	13.201	16.853	49243402	410.053	400	ug/ml
Aliphatic C28-C40	16.854	21.695	43767348	432.941	600	ug/ml
Aliphatic EPH	3.173	21.695	683083058	5390		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.935	12.935	3906204	36.17		ug/ml
Aliphatic C9-C28	3.173	16.853	639315710	4960	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-5	SDG No.:	P4518
Lab Sample ID:	P4518-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	73.9
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
FD048600.D	1	10/25/24	10/28/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.94		0.41	0.90	mg/kg
Aromatic C12-C16	Aromatic C12-C16	55.1	E	0.46	1.35	mg/kg
Aromatic C16-C21	Aromatic C16-C21	191	E	1.29	2.25	mg/kg
Aromatic C21-C36	Aromatic C21-C36	40.5		2.70	3.60	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	47.0		40 - 140	94%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.2		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.1		40 - 140	60%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-05	Acq On:	28 Oct 2024 12:03
Client Sample ID:	EX-5-TPH-5	Operator:	YP/AJ
Data file:	FD048600.D	Misc:	
Instrument:	FID_D	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	9674420	54.905	200	ug/ml
Aromatic C12-C16	5.813	8.417	108683452	613.083	300	ug/ml
Aromatic C16-C21	8.418	12.677	349091010	2130	500	ug/ml
Aromatic C21-C36	12.678	18.081	68853737	450.87	800	ug/ml
Aromatic EPH	4.094	18.081	536302619	3250		ug/ml
2-Fluorobiphenyl (SURR)	8.225	8.225	4829462	49.18		ug/ml
ortho-Terphenyl (SURR)	11.261	11.261	5123116	30.08		ug/ml
2-Bromonaphthalene (SURR)	7.373	7.373	7133269	47		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-5DL	SDG No.:	P4518
Lab Sample ID:	P4518-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	73.9
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
FC067558.D	5	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	18.0		2.56	6.74	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	163	E	1.62	4.50	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	170	E	2.02	6.74	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	19.1		5.39	8.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	28.8		12.1	13.5	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	6.98		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:	P4518-05DL	Acq On:	29 Oct 2024 12:38
Client Sample ID:	EX-5-TPH-5DL	Operator:	YP/AJ
Data file:	FC067558.D	Misc:	
Instrument:	FID_C	ALS Vial:	32
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	5423586	40.035	300	ug/ml
Aliphatic C12-C16	6.454	9.842	47886419	363.653	200	ug/ml
Aliphatic C16-C21	9.843	13.200	48335550	379.892	300	ug/ml
Aliphatic C21-C28	13.201	16.853	5105772	42.516	400	ug/ml
Aliphatic C28-C40	16.854	21.695	6473877	64.039	600	ug/ml
Aliphatic EPH	3.173	21.695	113225204	890.135		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	753880	6.98		ug/ml
Aliphatic C9-C28	3.173	16.853	106751327	826.096	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-5DL	SDG No.:	P4518
Lab Sample ID:	P4518-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	73.9
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
FD048617.D	5	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	4.91		2.02	4.50	mg/kg
Aromatic C12-C16	Aromatic C12-C16	56.9		2.29	6.74	mg/kg
Aromatic C16-C21	Aromatic C16-C21	178		6.47	11.2	mg/kg
Aromatic C21-C36	Aromatic C21-C36	24.2		13.5	18.0	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	9.62		40 - 140	96%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	8.42		40 - 140	84%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.61		40 - 140	56%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4518-05DL	Acq On:	29 Oct 2024 10:46
Client Sample ID:	EX-5-TPH-5DL	Operator:	YP/AJ
Data file:	FD048617.D	Misc:	
Instrument:	FID_D	ALS Vial:	78
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.094	5.812	1923642	10.917	200	ug/ml
Aromatic C12-C16	5.813	8.417	22431984	126.539	300	ug/ml
Aromatic C16-C21	8.418	12.677	65133791	397.563	500	ug/ml
Aromatic C21-C36	12.678	18.081	8227632	53.876	800	ug/ml
Aromatic EPH	4.094	18.081	97717049	588.896		ug/ml
2-Bromonaphthalene (SURRE)	7.370	7.370	1460481	9.62		ug/ml
2-Fluorobiphenyl (SURRE)	8.221	8.221	826716	8.42		ug/ml
ortho-Terphenyl (SURRE)	11.254	11.254	956273	5.61		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/23/24
Project:	North Point	Date Received:	10/23/24
Client Sample ID:	EX-5-TPH-5DL2	SDG No.:	P4518
Lab Sample ID:	P4518-05DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	73.9
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
FC067559.D	20	10/25/24	10/29/24	PB164396

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	22.6	J	10.3	27.0	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	201		6.47	18.0	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	208		8.09	27.0	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	20.1	J	21.6	36.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	43.2	J	48.6	53.9	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.91		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:	P4518-05DL2	Acq On:	29 Oct 2024 13:15
Client Sample ID:	EX-5-TPH-5DL2	Operator:	YP/AJ
Data file:	FC067559.D	Misc:	
Instrument:	FID_C	ALS Vial:	33
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.173	6.453	1702872	12.57	300	ug/ml
Aliphatic C12-C16	6.454	9.842	14748799	112.003	200	ug/ml
Aliphatic C16-C21	9.843	13.200	14783146	116.188	300	ug/ml
Aliphatic C21-C28	13.201	16.853	1341448	11.17	400	ug/ml
Aliphatic C28-C40	16.854	21.695	2426613	24.004	600	ug/ml
Aliphatic EPH	3.173	21.695	35002878	275.935		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.930	12.930	205823	1.91		ug/ml
Aliphatic C9-C28	3.173	16.853	32576265	251.931	1200	ug/ml

LAB CHRONICLE

OrderID:	P4518	OrderDate:	10/23/2024 3:37:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	K61

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4518-01	EX-5-TPH-1	SOIL			10/23/24			10/23/24
			Diesel Range Organics	8015D		10/24/24	10/24/24	
			Diesel Range Organics	8015D		10/24/24	10/25/24	
			Gasoline Range Organics	8015D			10/25/24	
			EPH	NJEPH		10/25/24	10/25/24	
			EPH	NJEPH		10/25/24	10/28/24	
P4518-02	EX-5-TPH-2	SOIL			10/23/24			10/23/24
			Diesel Range Organics	8015D		10/24/24	10/24/24	
			Diesel Range Organics	8015D		10/24/24	10/25/24	
			Gasoline Range Organics	8015D			10/25/24	
			EPH	NJEPH		10/25/24	10/25/24	
			EPH	NJEPH		10/25/24	10/28/24	
			EPH	NJEPH		10/25/24	10/29/24	
P4518-03	EX-5-TPH-3	SOIL			10/23/24			10/23/24
			Diesel Range Organics	8015D		10/24/24	10/24/24	
			Diesel Range Organics	8015D		10/24/24	10/25/24	
			Gasoline Range Organics	8015D			10/25/24	
			EPH	NJEPH		10/25/24	10/25/24	
			EPH	NJEPH		10/25/24	10/29/24	
P4518-04	EX-5-TPH-4	SOIL			10/23/24			10/23/24
			Diesel Range Organics	8015D		10/24/24	10/24/24	
			Diesel Range Organics	8015D		10/24/24	10/25/24	
			Gasoline Range Organics	8015D			10/25/24	
			EPH	NJEPH		10/25/24	10/25/24	
			EPH	NJEPH		10/25/24	10/29/24	
P4518-05	EX-5-TPH-5	SOIL			10/23/24			10/23/24
			Diesel Range Organics	8015D		10/24/24	10/24/24	

LAB CHRONICLE

Diesel Range Organics	8015D	10/24/24	10/25/24
Gasoline Range Organics	8015D		10/25/24
EPH	NJEPH	10/25/24	10/28/24
EPH	NJEPH	10/25/24	10/29/24