



A

B

C

SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-1	SDG No.:	P4599
Lab Sample ID:	P4599-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.2
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 15:33	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	170		50	23.4	61.5	mg/kg FE050944.D
Aliphatic C12-C16	Aliphatic C12-C16	516		50	14.7	41.0	mg/kg FE050944.D
Aliphatic C16-C21	Aliphatic C16-C21	285		50	18.4	61.5	mg/kg FE050944.D
Aliphatic C21-C28	Aliphatic C21-C28	16.2		1	0.98	1.64	mg/kg FE050922.D
Aliphatic C28-C40	Aliphatic C28-C40	5.89		1	2.21	2.46	mg/kg FE050922.D
Aromatic C10-C12	Aromatic C10-C12	39.6		5	1.84	4.10	mg/kg FG014598.D
Aromatic C12-C16	Aromatic C12-C16	242		20	8.36	24.6	mg/kg FG014599.D
Aromatic C16-C21	Aromatic C16-C21	431		20	23.6	41.0	mg/kg FG014599.D
Aromatic C21-C36	Aromatic C21-C36	18.1		1	2.46	3.28	mg/kg FG014577.D
Total AliphaticEPH	Total AliphaticEPH	993			59.7	168	mg/kg
Total AromaticEPH	Total AromaticEPH	731			36.3	73.0	mg/kg
Total EPH	Total EPH	1720			96.0	241	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:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-1		SDG No.:	P4599	
Lab Sample ID:	P4599-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	81.2	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050922.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	146	E	0.47	1.23	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	410	E	0.30	0.82	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	233	E	0.37	1.23	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	16.2		0.98	1.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.89		2.21	2.46	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.8		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:	P4599-01	Acq On:	31 Oct 2024 04:00
Client Sample ID:	EX-1-TPH-1	Operator:	YP\AJ
Data file:	FE050922.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	256367871	1790	300	ug/ml
Aliphatic C12-C16	6.763	10.194	726857867	5010	200	ug/ml
Aliphatic C16-C21	10.195	13.554	411853746	2850	300	ug/ml
Aliphatic C21-C28	13.555	17.208	28025467	197.147	400	ug/ml
Aliphatic C28-C40	17.209	22.057	9943133	71.894	600	ug/ml
Aliphatic EPH	3.144	22.057	1433048084	9920		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.293	13.293	2692972	22.77		ug/ml
Aliphatic C9-C28	3.144	17.208	1423104951	9850	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-1	SDG No.:	P4599
Lab Sample ID:	P4599-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014577.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	37.6	E	0.37	0.82	mg/kg
Aromatic C12-C16	Aromatic C12-C16	177	E	0.42	1.23	mg/kg
Aromatic C16-C21	Aromatic C16-C21	320	E	1.18	2.05	mg/kg
Aromatic C21-C36	Aromatic C21-C36	18.1		2.46	3.28	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	69.1		40 - 140	138%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	77.0		40 - 140	154%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	24.3		40 - 140	49%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-01	Acq On:	30 Oct 2024 17:09
Client Sample ID:	EX-1-TPH-1	Operator:	YP\AJ
Data file:	FG014577.D	Misc:	
Instrument:	FID_G	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	64037916	459.067	200	ug/ml
Aromatic C12-C16	6.390	9.089	314996646	2170	300	ug/ml
Aromatic C16-C21	9.090	13.408	566632044	3910	500	ug/ml
Aromatic C21-C36	13.409	18.851	31328172	220.405	800	ug/ml
Aromatic EPH	4.519	18.851	976994778	6760		ug/ml
ortho-Terphenyl (SURR)	11.967	11.967	3603616	24.34		ug/ml
2-Bromonaphthalene (SURR)	8.021	8.021	8676460	69.12		ug/ml
2-Fluorobiphenyl (SURR)	8.899	8.899	6635609	77.04		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-1DL	SDG No.:	P4599
Lab Sample ID:	P4599-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050944.D	50	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	170		23.4	61.5	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	516		14.7	41.0	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	285		18.4	61.5	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	18.7	J	49.2	81.9	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	110	U	110	122	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-01DL	Acq On:	31 Oct 2024 15:33
Client Sample ID:	EX-1-TPH-1DL	Operator:	YP\AJ
Data file:	FE050944.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	5937631	41.551	300	ug/ml
Aliphatic C12-C16	6.762	10.193	18278781	125.958	200	ug/ml
Aliphatic C16-C21	10.194	13.552	10070656	69.741	300	ug/ml
Aliphatic C21-C28	13.553	17.208	648922	4.565	400	ug/ml
Aliphatic C28-C40	17.209	22.054	390484	2.823	600	ug/ml
Aliphatic EPH	3.144	22.054	35326474	244.638		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.144	17.208	34935990	241.815	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-1DL		SDG No.:	P4599	
Lab Sample ID:	P4599-01DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	81.2	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014598.D	5	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	39.6		1.84	4.10	mg/kg
Aromatic C12-C16	Aromatic C12-C16	196	E	2.09	6.15	mg/kg
Aromatic C16-C21	Aromatic C16-C21	338	E	5.90	10.2	mg/kg
Aromatic C21-C36	Aromatic C21-C36	19.0		12.3	16.4	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	14.6		40 - 140	146%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	14.1		40 - 140	141%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	4.90		40 - 140	49%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-01DL	Acq On:	31 Oct 2024 08:24
Client Sample ID:	EX-1-TPH-1DL	Operator:	YP\AJ
Data file:	FG014598.D	Misc:	
Instrument:	FID_G	ALS Vial:	34
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	13486102	96.677	200	ug/ml
Aromatic C12-C16	6.386	9.086	69754766	479.57	300	ug/ml
Aromatic C16-C21	9.087	13.404	119813822	827.288	500	ug/ml
Aromatic C21-C36	13.405	18.847	6590766	46.369	800	ug/ml
Aromatic EPH	4.516	18.847	209645456	1450		ug/ml
2-Bromonaphthalene (SURRE)	8.012	8.012	1837343	14.64		ug/ml
2-Fluorobiphenyl (SURRE)	8.886	8.886	1216163	14.12		ug/ml
ortho-Terphenyl (SURRE)	11.957	11.957	726084	4.9		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-1DL2	SDG No.:	P4599
Lab Sample ID:	P4599-01DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.2
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014599.D	20	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	46.1		7.37	16.4	mg/kg
Aromatic C12-C16	Aromatic C12-C16	242		8.36	24.6	mg/kg
Aromatic C16-C21	Aromatic C16-C21	431		23.6	41.0	mg/kg
Aromatic C21-C36	Aromatic C21-C36	49.2	U	49.2	65.6	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	5.47		40 - 140	219%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	5.30		40 - 140	212%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	1.92		40 - 140	77%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-01DL2	Acq On:	31 Oct 2024 09:30
Client Sample ID:	EX-1-TPH-1DL2	Operator:	YP\AJ
Data file:	FG014599.D	Misc:	
Instrument:	FID_G	ALS Vial:	35
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	3926134	28.145	200	ug/ml
Aromatic C12-C16	6.386	9.086	21542948	148.109	300	ug/ml
Aromatic C16-C21	9.087	13.404	38150874	263.423	500	ug/ml
Aromatic C21-C36	13.405	18.847	921913	6.486	800	ug/ml
Aromatic EPH	4.516	18.847	64541869	446.164		ug/ml
ortho-Terphenyl (SURR)	11.955	11.955	284541	1.92		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	687108	5.47		ug/ml
2-Fluorobiphenyl (SURR)	8.885	8.885	456323	5.3		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-2		SDG No.:	P4599	
Lab Sample ID:	P4599-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	81.9	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 16:03	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	154		50	23.2	61.0	mg/kg FE050945.D
Aliphatic C12-C16	Aliphatic C12-C16	531		50	14.6	40.7	mg/kg FE050945.D
Aliphatic C16-C21	Aliphatic C16-C21	329		50	18.3	61.0	mg/kg FE050945.D
Aliphatic C21-C28	Aliphatic C21-C28	19.4		1	0.98	1.63	mg/kg FE050923.D
Aliphatic C28-C40	Aliphatic C28-C40	10.7		1	2.20	2.44	mg/kg FE050923.D
Aromatic C10-C12	Aromatic C10-C12	32.6		5	1.83	4.07	mg/kg FG014600.D
Aromatic C12-C16	Aromatic C12-C16	272		25	10.4	30.5	mg/kg FG014601.D
Aromatic C16-C21	Aromatic C16-C21	546		25	29.3	50.8	mg/kg FG014601.D
Aromatic C21-C36	Aromatic C21-C36	24.3		1	2.44	3.25	mg/kg FG014578.D
Total AliphaticEPH	Total AliphaticEPH	1040			59.3	167	mg/kg
Total AromaticEPH	Total AromaticEPH	875			44.0	88.6	mg/kg
Total EPH	Total EPH	1920			103	255	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:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-2		SDG No.:	P4599	
Lab Sample ID:	P4599-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	81.9	
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
FE050923.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	139	E	0.46	1.22	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	431	E	0.29	0.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	267	E	0.37	1.22	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	19.4		0.98	1.63	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.7		2.20	2.44	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.9		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-02	Acq On:	31 Oct 2024 04:30
Client Sample ID:	EX-1-TPH-2	Operator:	YP\AJ
Data file:	FE050923.D	Misc:	
Instrument:	FID_E	ALS Vial:	32
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	245376195	1720	300	ug/ml
Aliphatic C12-C16	6.763	10.194	770051434	5310	200	ug/ml
Aliphatic C16-C21	10.195	13.554	475310922	3290	300	ug/ml
Aliphatic C21-C28	13.555	17.208	33878414	238.32	400	ug/ml
Aliphatic C28-C40	17.209	22.057	18260305	132.031	600	ug/ml
Aliphatic EPH	3.144	22.057	1542877270	10700		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.293	13.293	4012177	33.92		ug/ml
Aliphatic C9-C28	3.144	17.208	1524616965	10600	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-2		SDG No.:	P4599	
Lab Sample ID:	P4599-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	81.9	
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
FG014578.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	30.4	E	0.37	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	216	E	0.42	1.22	mg/kg
Aromatic C16-C21	Aromatic C16-C21	438	E	1.17	2.03	mg/kg
Aromatic C21-C36	Aromatic C21-C36	24.3		2.44	3.25	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	77.5		40 - 140	155%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	86.9		40 - 140	174%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.1		40 - 140	76%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-02	Acq On:	30 Oct 2024 17:37
Client Sample ID:	EX-1-TPH-2	Operator:	YP\AJ
Data file:	FG014578.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	52228806	374.411	200	ug/ml
Aromatic C12-C16	6.390	9.089	387858774	2670	300	ug/ml
Aromatic C16-C21	9.090	13.408	780533148	5390	500	ug/ml
Aromatic C21-C36	13.409	18.851	42486458	298.908	800	ug/ml
Aromatic EPH	4.519	18.851	1263107186	8730		ug/ml
ortho-Terphenyl (SURR)	11.972	11.972	5647572	38.14		ug/ml
2-Bromonaphthalene (SURR)	8.023	8.023	9732669	77.53		ug/ml
2-Fluorobiphenyl (SURR)	8.902	8.902	7482412	86.87		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-2DL		SDG No.:	P4599	
Lab Sample ID:	P4599-02DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	81.9	
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
FE050945.D	50	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	154		23.2	61.0	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	531		14.6	40.7	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	329		18.3	61.0	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	20.0	J	48.8	81.3	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	109	U	109	121	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-02DL	Acq On:	31 Oct 2024 16:03
Client Sample ID:	EX-1-TPH-2DL	Operator:	YP\AJ
Data file:	FE050945.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	5430561	38.003	300	ug/ml
Aliphatic C12-C16	6.762	10.193	18968946	130.714	200	ug/ml
Aliphatic C16-C21	10.194	13.552	11714985	81.128	300	ug/ml
Aliphatic C21-C28	13.553	17.208	700039	4.924	400	ug/ml
Aliphatic C28-C40	17.209	22.054	243526	1.761	600	ug/ml
Aliphatic EPH	3.144	22.054	37058057	256.53		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.144	17.208	36814531	254.769	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-2DL	SDG No.:	P4599
Lab Sample ID:	P4599-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.9
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
FG014600.D	5	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	32.6		1.83	4.07	mg/kg
Aromatic C12-C16	Aromatic C12-C16	256	E	2.07	6.10	mg/kg
Aromatic C16-C21	Aromatic C16-C21	479	E	5.85	10.2	mg/kg
Aromatic C21-C36	Aromatic C21-C36	25.8		12.2	16.3	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	16.8		40 - 140	168%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	16.4		40 - 140	164%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	8.53		40 - 140	85%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-02DL	Acq On:	31 Oct 2024 09:58
Client Sample ID:	EX-1-TPH-2DL	Operator:	YP\AJ
Data file:	FG014600.D	Misc:	
Instrument:	FID_G	ALS Vial:	36
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	11185214	80.183	200	ug/ml
Aromatic C12-C16	6.386	9.086	91801935	631.146	300	ug/ml
Aromatic C16-C21	9.087	13.404	170876983	1180	500	ug/ml
Aromatic C21-C36	13.405	18.847	9002164	63.334	800	ug/ml
Aromatic EPH	4.516	18.847	282866296	1950		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	2107534	16.79		ug/ml
2-Fluorobiphenyl (SURR)	8.885	8.885	1408143	16.35		ug/ml
ortho-Terphenyl (SURR)	11.957	11.957	1263350	8.53		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-2DL2	SDG No.:	P4599
Lab Sample ID:	P4599-02DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81.9
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
FG014601.D	25	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	33.1		9.15	20.3	mg/kg
Aromatic C12-C16	Aromatic C12-C16	272		10.4	30.5	mg/kg
Aromatic C16-C21	Aromatic C16-C21	546		29.3	50.8	mg/kg
Aromatic C21-C36	Aromatic C21-C36	61.0	U	61.0	81.3	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	4.30		40 - 140	215%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	4.28		40 - 140	214%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.28		40 - 140	114%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-02DL2	Acq On:	31 Oct 2024 10:26
Client Sample ID:	EX-1-TPH-2DL2	Operator:	YP\AJ
Data file:	FG014601.D	Misc:	
Instrument:	FID_G	ALS Vial:	37
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	2269353	16.268	200	ug/ml
Aromatic C12-C16	6.386	9.086	19466372	133.833	300	ug/ml
Aromatic C16-C21	9.087	13.404	38915015	268.699	500	ug/ml
Aromatic C21-C36	13.405	18.847	852745	5.999	800	ug/ml
Aromatic EPH	4.516	18.847	61503485	424.8		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	539193	4.3		ug/ml
2-Fluorobiphenyl (SURR)	8.884	8.884	368274	4.28		ug/ml
ortho-Terphenyl (SURR)	11.955	11.955	337512	2.28		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3	SDG No.:	P4599
Lab Sample ID:	P4599-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 17:03	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	218		100	44.7	117	mg/kg FE050947.D
Aliphatic C12-C16	Aliphatic C12-C16	875		100	28.2	78.3	mg/kg FE050947.D
Aliphatic C16-C21	Aliphatic C16-C21	648		100	35.3	117	mg/kg FE050947.D
Aliphatic C21-C28	Aliphatic C21-C28	55.0		10	9.40	15.7	mg/kg FE050946.D
Aliphatic C28-C40	Aliphatic C28-C40	5.82		1	2.12	2.35	mg/kg FE050924.D
Aromatic C10-C12	Aromatic C10-C12	60.4		5	1.76	3.92	mg/kg FG014602.D
Aromatic C12-C16	Aromatic C12-C16	493		50	20.0	58.8	mg/kg FG014603.D
Aromatic C16-C21	Aromatic C16-C21	950		50	56.4	97.9	mg/kg FG014603.D
Aromatic C21-C36	Aromatic C21-C36	70.5		5	11.8	15.7	mg/kg FG014602.D
Total AliphaticEPH	Total AliphaticEPH	1800			120	330	mg/kg
Total AromaticEPH	Total AromaticEPH	1570			90.0	176	mg/kg
Total EPH	Total EPH	3380			210	507	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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3	SDG No.:	P4599
Lab Sample ID:	P4599-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
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
FE050924.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	200	E	0.45	1.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	720	E	0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	533	E	0.35	1.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	54.2	E	0.94	1.57	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.82		2.12	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.3		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-03	Acq On:	31 Oct 2024 05:00
Client Sample ID:	EX-1-TPH-3	Operator:	YP\AJ
Data file:	FE050924.D	Misc:	
Instrument:	FID_E	ALS Vial:	33
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	365636380	2560	300	ug/ml
Aliphatic C12-C16	6.763	10.194	1334483976	9200	200	ug/ml
Aliphatic C16-C21	10.195	13.554	982880667	6810	300	ug/ml
Aliphatic C21-C28	13.555	17.208	98295045	691.464	400	ug/ml
Aliphatic C28-C40	17.209	22.057	10280521	74.333	600	ug/ml
Aliphatic EPH	3.144	22.057	2791576589	19300		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.298	13.298	3346986	28.29		ug/ml
Aliphatic C9-C28	3.144	17.208	2781296068	19300	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3	SDG No.:	P4599
Lab Sample ID:	P4599-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
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
FG014579.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	55.1	E	0.35	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	406	E	0.40	1.18	mg/kg
Aromatic C16-C21	Aromatic C16-C21	822	E	1.13	1.96	mg/kg
Aromatic C21-C36	Aromatic C21-C36	70.0	E	2.35	3.13	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	129		40 - 140	258%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	85.2		40 - 140	170%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.0		40 - 140	58%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-03	Acq On:	30 Oct 2024 18:06
Client Sample ID:	EX-1-TPH-3	Operator:	YP\AJ
Data file:	FG014579.D	Misc:	
Instrument:	FID_G	ALS Vial:	23
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	98187426	703.874	200	ug/ml
Aromatic C12-C16	6.390	9.089	754669930	5190	300	ug/ml
Aromatic C16-C21	9.090	13.408	1520064676	10500	500	ug/ml
Aromatic C21-C36	13.409	18.851	127052254	893.86	800	ug/ml
Aromatic EPH	4.519	18.851	2499974286	17300		ug/ml
ortho-Terphenyl (SURR)	11.981	11.981	4287743	28.96		ug/ml
2-Bromonaphthalene (SURR)	8.030	8.030	16170360	128.81		ug/ml
2-Fluorobiphenyl (SURR)	8.913	8.913	7335172	85.16		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3DL	SDG No.:	P4599
Lab Sample ID:	P4599-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
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
FE050946.D	10	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	241	E	4.47	11.8	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	873	E	2.82	7.83	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	654	E	3.53	11.8	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	55.0		9.40	15.7	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.2	U	21.2	23.5	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	3.22		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-03DL	Acq On:	31 Oct 2024 16:33
Client Sample ID:	EX-1-TPH-3DL	Operator:	YP\AJ
Data file:	FE050946.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	44111648	308.689	300	ug/ml
Aliphatic C12-C16	6.762	10.193	161890578	1120	200	ug/ml
Aliphatic C16-C21	10.194	13.552	120704276	835.895	300	ug/ml
Aliphatic C21-C28	13.553	17.208	9988506	70.265	400	ug/ml
Aliphatic C28-C40	17.209	22.054	502721	3.635	600	ug/ml
Aliphatic EPH	3.144	22.054	337197729	2330		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.286	13.286	380903	3.22		ug/ml
Aliphatic C9-C28	3.144	17.208	336695008	2330	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3DL	SDG No.:	P4599
Lab Sample ID:	P4599-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
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
FG014602.D	5	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	60.4		1.76	3.92	mg/kg
Aromatic C12-C16	Aromatic C12-C16	427	E	2.00	5.88	mg/kg
Aromatic C16-C21	Aromatic C16-C21	870	E	5.64	9.79	mg/kg
Aromatic C21-C36	Aromatic C21-C36	70.5		11.8	15.7	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	24.2		40 - 140	242%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	24.2		40 - 140	242%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	6.33		40 - 140	63%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-03DL	Acq On:	31 Oct 2024 10:55
Client Sample ID:	EX-1-TPH-3DL	Operator:	YP\AJ
Data file:	FG014602.D	Misc:	
Instrument:	FID_G	ALS Vial:	38
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	21506480	154.173	200	ug/ml
Aromatic C12-C16	6.386	9.086	158914405	1090	300	ug/ml
Aromatic C16-C21	9.087	13.404	321957170	2220	500	ug/ml
Aromatic C21-C36	13.405	18.847	25591416	180.045	800	ug/ml
Aromatic EPH	4.516	18.847	527969471	3650		ug/ml
2-Bromonaphthalene (SURR)	8.014	8.014	3033729	24.17		ug/ml
2-Fluorobiphenyl (SURR)	8.889	8.889	2084701	24.2		ug/ml
ortho-Terphenyl (SURR)	11.958	11.958	937768	6.33		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3DL2	SDG No.:	P4599
Lab Sample ID:	P4599-03DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
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
FE050947.D	100	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	218		44.7	117	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	875		28.2	78.3	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	648		35.3	117	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	94.0	U	94.0	156	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	211	U	211	235	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-03DL2	Acq On:	31 Oct 2024 17:03
Client Sample ID:	EX-1-TPH-3DL2	Operator:	YP\AJ
Data file:	FE050947.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	100	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	3985855	27.893	300	ug/ml
Aliphatic C12-C16	6.762	10.193	16220124	111.772	200	ug/ml
Aliphatic C16-C21	10.194	13.552	11954879	82.789	300	ug/ml
Aliphatic C21-C28	13.553	17.208	592184	4.166	400	ug/ml
Aliphatic C28-C40	17.209	22.054	0	0	600	ug/ml
Aliphatic EPH	3.144	22.054	32753042	226.619		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.144	17.208	32753042	226.62	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-3DL2	SDG No.:	P4599
Lab Sample ID:	P4599-03DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.9
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
FG014603.D	50	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	67.2		17.6	39.2	mg/kg
Aromatic C12-C16	Aromatic C12-C16	493		20.0	58.8	mg/kg
Aromatic C16-C21	Aromatic C16-C21	950		56.4	97.9	mg/kg
Aromatic C21-C36	Aromatic C21-C36	117	U	117	156	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	3.24		40 - 140	324%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	2.88		40 - 140	288%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.88		40 - 140	88%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-03DL2	Acq On:	31 Oct 2024 11:23
Client Sample ID:	EX-1-TPH-3DL2	Operator:	YP\AJ
Data file:	FG014603.D	Misc:	
Instrument:	FID_G	ALS Vial:	39
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	2391602	17.145	200	ug/ml
Aromatic C12-C16	6.386	9.086	18320509	125.955	300	ug/ml
Aromatic C16-C21	9.087	13.404	35126828	242.543	500	ug/ml
Aromatic C21-C36	13.405	18.847	848432	5.969	800	ug/ml
Aromatic EPH	4.516	18.847	56687371	391.612		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	407304	3.24		ug/ml
2-Fluorobiphenyl (SURR)	8.882	8.882	248142	2.88		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	130264	0.88		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-4	SDG No.:	P4599
Lab Sample ID:	P4599-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 17:34	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	197		10	4.40	11.6	mg/kg FE050948.D
Aliphatic C12-C16	Aliphatic C12-C16	711		50	13.9	38.6	mg/kg FE050949.D
Aliphatic C16-C21	Aliphatic C16-C21	404		50	17.4	57.9	mg/kg FE050949.D
Aliphatic C21-C28	Aliphatic C21-C28	22.7		1	0.93	1.54	mg/kg FE050925.D
Aliphatic C28-C40	Aliphatic C28-C40	5.45		1	2.08	2.31	mg/kg FE050925.D
Aromatic C10-C12	Aromatic C10-C12	97.8		25	8.68	19.3	mg/kg FG014605.D
Aromatic C12-C16	Aromatic C12-C16	480		25	9.83	28.9	mg/kg FG014605.D
Aromatic C16-C21	Aromatic C16-C21	807		25	27.8	48.2	mg/kg FG014605.D
Aromatic C21-C36	Aromatic C21-C36	29.8		1	2.31	3.09	mg/kg FG014580.D
Total AliphaticEPH	Total AliphaticEPH	1340			38.7	112	mg/kg
Total AromaticEPH	Total AromaticEPH	1410			48.6	99.5	mg/kg
Total EPH	Total EPH	2750			87.3	211	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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-4	SDG No.:	P4599
Lab Sample ID:	P4599-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050925.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	165	E	0.44	1.16	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	557	E	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	319	E	0.35	1.16	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	22.7		0.93	1.54	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.45		2.08	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.3		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-04	Acq On:	31 Oct 2024 05:30
Client Sample ID:	EX-1-TPH-4	Operator:	YP\AJ
Data file:	FE050925.D	Misc:	
Instrument:	FID_E	ALS Vial:	34
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	305942504	2140	300	ug/ml
Aliphatic C12-C16	6.763	10.194	1047967140	7220	200	ug/ml
Aliphatic C16-C21	10.195	13.554	597503021	4140	300	ug/ml
Aliphatic C21-C28	13.555	17.208	41868654	294.528	400	ug/ml
Aliphatic C28-C40	17.209	22.057	9772738	70.662	600	ug/ml
Aliphatic EPH	3.144	22.057	2003054057	13900		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.294	13.294	3350420	28.32		ug/ml
Aliphatic C9-C28	3.144	17.208	1993281319	13800	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-4	SDG No.:	P4599
Lab Sample ID:	P4599-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014580.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	71.3	E	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	368	E	0.39	1.16	mg/kg
Aromatic C16-C21	Aromatic C16-C21	596	E	1.11	1.93	mg/kg
Aromatic C21-C36	Aromatic C21-C36	29.8		2.31	3.09	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	88.9		40 - 140	178%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	102		40 - 140	205%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.3		40 - 140	63%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-04	Acq On:	30 Oct 2024 18:34
Client Sample ID:	EX-1-TPH-4	Operator:	YP\AJ
Data file:	FG014580.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	129015495	924.87	200	ug/ml
Aromatic C12-C16	6.390	9.089	694395989	4770	300	ug/ml
Aromatic C16-C21	9.090	13.408	1120039292	7730	500	ug/ml
Aromatic C21-C36	13.409	18.851	54945831	386.565	800	ug/ml
Aromatic EPH	4.519	18.851	1998396607	13800		ug/ml
ortho-Terphenyl (SURR)	11.977	11.977	4637266	31.32		ug/ml
2-Bromonaphthalene (SURR)	8.026	8.026	11156736	88.87		ug/ml
2-Fluorobiphenyl (SURR)	8.909	8.909	8818332	102.38		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-4DL		SDG No.:	P4599	
Lab Sample ID:	P4599-04DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.4	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050948.D	10	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	197		4.40	11.6	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	670	E	2.78	7.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	386	E	3.47	11.6	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	21.5		9.26	15.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.8	U	20.8	23.1	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	3.19		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-04DL	Acq On:	31 Oct 2024 17:34
Client Sample ID:	EX-1-TPH-4DL	Operator:	YP\AJ
Data file:	FE050948.D	Misc:	
Instrument:	FID_E	ALS Vial:	21
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	36656235	256.517	300	ug/ml
Aliphatic C12-C16	6.762	10.193	126179318	869.493	200	ug/ml
Aliphatic C16-C21	10.194	13.552	72273011	500.501	300	ug/ml
Aliphatic C21-C28	13.553	17.208	3966065	27.9	400	ug/ml
Aliphatic C28-C40	17.209	22.054	940847	6.803	600	ug/ml
Aliphatic EPH	3.144	22.054	240015476	1660		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.288	13.288	377319	3.19		ug/ml
Aliphatic C9-C28	3.144	17.208	239074629	1650	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-4DL	SDG No.:	P4599
Lab Sample ID:	P4599-04DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014604.D	5	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	82.0	E	1.74	3.86	mg/kg
Aromatic C12-C16	Aromatic C12-C16	412	E	1.97	5.79	mg/kg
Aromatic C16-C21	Aromatic C16-C21	678	E	5.55	9.64	mg/kg
Aromatic C21-C36	Aromatic C21-C36	32.6		11.6	15.4	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	19.8		40 - 140	198%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	19.3		40 - 140	193%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	6.90		40 - 140	69%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-04DL	Acq On:	31 Oct 2024 11:51
Client Sample ID:	EX-1-TPH-4DL	Operator:	YP\AJ
Data file:	FG014604.D	Misc:	
Instrument:	FID_G	ALS Vial:	40
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	29675920	212.737	200	ug/ml
Aromatic C12-C16	6.386	9.086	155742217	1070	300	ug/ml
Aromatic C16-C21	9.087	13.404	254612017	1760	500	ug/ml
Aromatic C21-C36	13.405	18.847	12026038	84.608	800	ug/ml
Aromatic EPH	4.516	18.847	452056192	3130		ug/ml
2-Bromonaphthalene (SURR)	8.012	8.012	2486526	19.81		ug/ml
2-Fluorobiphenyl (SURR)	8.888	8.888	1659827	19.27		ug/ml
ortho-Terphenyl (SURR)	11.956	11.956	1022166	6.9		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-4DL2		SDG No.:	P4599	
Lab Sample ID:	P4599-04DL2		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.4	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050949.D	50	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	200		22.0	57.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	711		13.9	38.6	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	404		17.4	57.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	22.6	J	46.3	77.1	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	104	U	104	115	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-04DL2	Acq On:	31 Oct 2024 18:04
Client Sample ID:	EX-1-TPH-4DL2	Operator:	YP\AJ
Data file:	FE050949.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	7417379	51.906	300	ug/ml
Aliphatic C12-C16	6.762	10.193	26779862	184.538	200	ug/ml
Aliphatic C16-C21	10.194	13.552	15161024	104.992	300	ug/ml
Aliphatic C21-C28	13.553	17.208	831923	5.852	400	ug/ml
Aliphatic C28-C40	17.209	22.054	0	0	600	ug/ml
Aliphatic EPH	3.144	22.054	50190188	347.289		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.144	17.208	50190188	347.288	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-4DL2	SDG No.:	P4599
Lab Sample ID:	P4599-04DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014605.D	25	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	97.8		8.68	19.3	mg/kg
Aromatic C12-C16	Aromatic C12-C16	480		9.83	28.9	mg/kg
Aromatic C16-C21	Aromatic C16-C21	807		27.8	48.2	mg/kg
Aromatic C21-C36	Aromatic C21-C36	36.6	J	57.9	77.1	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	4.70		40 - 140	235%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	4.53		40 - 140	226%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	1.68		40 - 140	84%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-04DL2	Acq On:	31 Oct 2024 12:20
Client Sample ID:	EX-1-TPH-4DL2	Operator:	YP\AJ
Data file:	FG014605.D	Misc:	
Instrument:	FID_G	ALS Vial:	41
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	7076645	50.73	200	ug/ml
Aromatic C12-C16	6.386	9.086	36241808	249.165	300	ug/ml
Aromatic C16-C21	9.087	13.404	60629527	418.633	500	ug/ml
Aromatic C21-C36	13.405	18.847	2700340	18.998	800	ug/ml
Aromatic EPH	4.516	18.847	106648320	737.527		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	590600	4.7		ug/ml
2-Fluorobiphenyl (SURR)	8.884	8.884	390142	4.53		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	248172	1.68		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-5	SDG No.:	P4599
Lab Sample ID:	P4599-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.1
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 18:34	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	234		10	4.51	11.9	mg/kg FE050950.D
Aliphatic C12-C16	Aliphatic C12-C16	843		100	28.5	79.1	mg/kg FE050962.D
Aliphatic C16-C21	Aliphatic C16-C21	504		100	35.6	118	mg/kg FE050962.D
Aliphatic C21-C28	Aliphatic C21-C28	29.5		1	0.95	1.58	mg/kg FE050926.D
Aliphatic C28-C40	Aliphatic C28-C40	5.92		1	2.14	2.37	mg/kg FE050926.D
Aromatic C10-C12	Aromatic C10-C12	85.4		25	8.90	19.8	mg/kg FG014609.D
Aromatic C12-C16	Aromatic C12-C16	563		25	10.1	29.7	mg/kg FG014609.D
Aromatic C16-C21	Aromatic C16-C21	903		25	28.5	49.4	mg/kg FG014609.D
Aromatic C21-C36	Aromatic C21-C36	39.4		1	2.37	3.16	mg/kg FG014581.D
Total AliphaticEPH	Total AliphaticEPH	1620			71.7	213	mg/kg
Total AromaticEPH	Total AromaticEPH	1590			49.9	102	mg/kg
Total EPH	Total EPH	3210			122	315	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:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-5		SDG No.:	P4599	
Lab Sample ID:	P4599-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.1	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050926.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	192	E	0.45	1.19	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	706	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	427	E	0.36	1.19	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	29.5		0.95	1.58	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.92		2.14	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.5		40 - 140	59%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-05	Acq On:	31 Oct 2024 05:59
Client Sample ID:	EX-1-TPH-5	Operator:	YP\AJ
Data file:	FE050926.D	Misc:	
Instrument:	FID_E	ALS Vial:	35
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	348447980	2440	300	ug/ml
Aliphatic C12-C16	6.763	10.194	1295994150	8930	200	ug/ml
Aliphatic C16-C21	10.195	13.554	780170575	5400	300	ug/ml
Aliphatic C21-C28	13.555	17.208	53095423	373.504	400	ug/ml
Aliphatic C28-C40	17.209	22.057	10354205	74.866	600	ug/ml
Aliphatic EPH	3.144	22.057	2488062333	17200		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.295	13.295	3487090	29.48		ug/ml
Aliphatic C9-C28	3.144	17.208	2477708128	17100	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-5		SDG No.:	P4599	
Lab Sample ID:	P4599-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.1	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014581.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	72.7	E	0.36	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	429	E	0.40	1.19	mg/kg
Aromatic C16-C21	Aromatic C16-C21	777	E	1.14	1.98	mg/kg
Aromatic C21-C36	Aromatic C21-C36	39.4		2.37	3.16	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	87.8		40 - 140	176%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	74.9		40 - 140	150%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	30.2		40 - 140	60%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-05	Acq On:	30 Oct 2024 19:02
Client Sample ID:	EX-1-TPH-5	Operator:	YP\AJ
Data file:	FG014581.D	Misc:	
Instrument:	FID_G	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	128108408	918.367	200	ug/ml
Aromatic C12-C16	6.390	9.089	790304490	5430	300	ug/ml
Aromatic C16-C21	9.090	13.408	1423734260	9830	500	ug/ml
Aromatic C21-C36	13.409	18.851	70792138	498.049	800	ug/ml
Aromatic EPH	4.519	18.851	2412939296	16700		ug/ml
ortho-Terphenyl (SURR)	11.983	11.983	4467121	30.17		ug/ml
2-Bromonaphthalene (SURR)	8.028	8.028	11019592	87.78		ug/ml
2-Flurobiphenyl (SURR)	8.913	8.913	6450862	74.89		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-5DL	SDG No.:	P4599
Lab Sample ID:	P4599-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050950.D	10	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	234		4.51	11.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	870	E	2.85	7.91	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	523	E	3.56	11.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	29.3		9.49	15.8	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.4	U	21.4	23.7	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	3.29		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-05DL	Acq On:	31 Oct 2024 18:34
Client Sample ID:	EX-1-TPH-5DL	Operator:	YP\AJ
Data file:	FE050950.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	42323103	296.173	300	ug/ml
Aliphatic C12-C16	6.762	10.193	159634749	1100	200	ug/ml
Aliphatic C16-C21	10.194	13.552	95596098	662.017	300	ug/ml
Aliphatic C21-C28	13.553	17.208	5260621	37.006	400	ug/ml
Aliphatic C28-C40	17.209	22.054	1119369	8.094	600	ug/ml
Aliphatic EPH	3.144	22.054	303933940	2100		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.286	13.286	388756	3.29		ug/ml
Aliphatic C9-C28	3.144	17.208	302814571	2100	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-5DL	SDG No.:	P4599
Lab Sample ID:	P4599-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014606.D	5	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	88.6	E	1.78	3.96	mg/kg
Aromatic C12-C16	Aromatic C12-C16	536	E	2.02	5.93	mg/kg
Aromatic C16-C21	Aromatic C16-C21	922	E	5.70	9.89	mg/kg
Aromatic C21-C36	Aromatic C21-C36	45.1		11.9	15.8	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	20.6		40 - 140	206%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	21.2		40 - 140	212%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	7.51		40 - 140	75%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-05DL	Acq On:	31 Oct 2024 12:48
Client Sample ID:	EX-1-TPH-5DL	Operator:	YP\AJ
Data file:	FG014606.D	Misc:	
Instrument:	FID_G	ALS Vial:	42
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	31252574	224.04	200	ug/ml
Aromatic C12-C16	6.386	9.086	197275476	1360	300	ug/ml
Aromatic C16-C21	9.087	13.404	337631411	2330	500	ug/ml
Aromatic C21-C36	13.405	18.847	16193816	113.93	800	ug/ml
Aromatic EPH	4.516	18.847	582353277	4030		ug/ml
2-Bromonaphthalene (SURR)	8.013	8.013	2589324	20.63		ug/ml
2-Fluorobiphenyl (SURR)	8.889	8.889	1827750	21.22		ug/ml
ortho-Terphenyl (SURR)	11.960	11.960	1112200	7.51		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-5DL2		SDG No.:	P4599	
Lab Sample ID:	P4599-05DL2		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.1	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050962.D	100	10/30/24	11/01/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	191		45.1	118	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	843		28.5	79.1	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	504		35.6	118	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	94.9	U	94.9	158	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	213	U	213	237	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-05DL2	Acq On:	01 Nov 2024 11:24
Client Sample ID:	EX-1-TPH-5DL2	Operator:	YP\AJ
Data file:	FE050962.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	100	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.143	22.051	28656732	198.233		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C12	3.143	6.761	3459602	24.21	300	ug/ml
Aliphatic C12-C16	6.762	10.193	15463437	106.557	200	ug/ml
Aliphatic C16-C21	10.194	13.552	9202030	63.725	300	ug/ml
Aliphatic C21-C28	13.553	17.208	531663	3.74	400	ug/ml
Aliphatic C28-C40	17.209	22.051	0	0	600	ug/ml
Aliphatic C9-C28	3.143	17.208	28656732	198.232	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-5DL2	SDG No.:	P4599
Lab Sample ID:	P4599-05DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014609.D	25	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	85.4		8.90	19.8	mg/kg
Aromatic C12-C16	Aromatic C12-C16	563		10.1	29.7	mg/kg
Aromatic C16-C21	Aromatic C16-C21	903		28.5	49.4	mg/kg
Aromatic C21-C36	Aromatic C21-C36	59.3	U	59.3	79.1	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	5.18		40 - 140	259%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	5.18		40 - 140	259%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	1.88		40 - 140	94%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-05DL2	Acq On:	31 Oct 2024 14:13
Client Sample ID:	EX-1-TPH-5DL2	Operator:	YP\AJ
Data file:	FG014609.D	Misc:	
Instrument:	FID_G	ALS Vial:	43
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	6020171	43.157	200	ug/ml
Aromatic C12-C16	6.386	9.086	41415042	284.732	300	ug/ml
Aromatic C16-C21	9.087	13.404	66128396	456.602	500	ug/ml
Aromatic C21-C36	13.405	18.847	1291302	9.085	800	ug/ml
Aromatic EPH	4.516	18.847	114854911	793.575		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	650672	5.18		ug/ml
2-Fluorobiphenyl (SURR)	8.883	8.883	446502	5.18		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	278486	1.88		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-6	SDG No.:	P4599
Lab Sample ID:	P4599-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 19:35	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	130		25	11.5	30.4	mg/kg FE050952.D
Aliphatic C12-C16	Aliphatic C12-C16	273		25	7.29	20.3	mg/kg FE050952.D
Aliphatic C16-C21	Aliphatic C16-C21	138		25	9.12	30.4	mg/kg FE050952.D
Aliphatic C21-C28	Aliphatic C21-C28	7.67		1	0.97	1.62	mg/kg FE050927.D
Aliphatic C28-C40	Aliphatic C28-C40	5.20		1	2.19	2.43	mg/kg FE050927.D
Aromatic C10-C12	Aromatic C10-C12	60.9		10	3.65	8.10	mg/kg FG014610.D
Aromatic C12-C16	Aromatic C12-C16	189		10	4.13	12.2	mg/kg FG014610.D
Aromatic C16-C21	Aromatic C16-C21	248		10	11.7	20.3	mg/kg FG014610.D
Aromatic C21-C36	Aromatic C21-C36	9.53		1	2.43	3.24	mg/kg FG014582.D
Total AliphaticEPH	Total AliphaticEPH	554			31.1	85.2	mg/kg
Total AromaticEPH	Total AromaticEPH	507			21.9	43.8	mg/kg
Total EPH	Total EPH	1060			53.0	129	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:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-6	SDG No.:	P4599
Lab Sample ID:	P4599-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050927.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	124	E	0.46	1.22	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	245	E	0.29	0.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	130	E	0.37	1.22	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	7.67		0.97	1.62	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.20		2.19	2.43	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.1		40 - 140	50%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-06	Acq On:	31 Oct 2024 06:29
Client Sample ID:	EX-1-TPH-6	Operator:	YP\AJ
Data file:	FE050927.D	Misc:	
Instrument:	FID_E	ALS Vial:	36
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	219048599	1530	300	ug/ml
Aliphatic C12-C16	6.763	10.194	439267828	3030	200	ug/ml
Aliphatic C16-C21	10.195	13.554	232514578	1610	300	ug/ml
Aliphatic C21-C28	13.555	17.208	13459051	94.679	400	ug/ml
Aliphatic C28-C40	17.209	22.057	8879908	64.206	600	ug/ml
Aliphatic EPH	3.144	22.057	913169964	6330		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.290	13.290	2974965	25.15		ug/ml
Aliphatic C9-C28	3.144	17.208	904290056	6260	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-6	SDG No.:	P4599
Lab Sample ID:	P4599-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014582.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	53.8	E	0.37	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	166	E	0.41	1.22	mg/kg
Aromatic C16-C21	Aromatic C16-C21	221	E	1.17	2.03	mg/kg
Aromatic C21-C36	Aromatic C21-C36	9.53		2.43	3.24	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	77.7		40 - 140	155%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	69.4		40 - 140	139%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	25.9		40 - 140	52%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-06	Acq On:	30 Oct 2024 19:31
Client Sample ID:	EX-1-TPH-6	Operator:	YP\AJ
Data file:	FG014582.D	Misc:	
Instrument:	FID_G	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	92650171	664.179	200	ug/ml
Aromatic C12-C16	6.390	9.089	298245517	2050	300	ug/ml
Aromatic C16-C21	9.090	13.408	395576094	2730	500	ug/ml
Aromatic C21-C36	13.409	18.851	16721622	117.643	800	ug/ml
Aromatic EPH	4.519	18.851	803193404	5560		ug/ml
ortho-Terphenyl (SURR)	11.965	11.965	3835655	25.91		ug/ml
2-Bromonaphthalene (SURR)	8.020	8.020	9758643	77.74		ug/ml
2-Fluorobiphenyl (SURR)	8.898	8.898	5980480	69.43		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-6DL	SDG No.:	P4599
Lab Sample ID:	P4599-06DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE050952.D	25	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	130		11.5	30.4	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	273		7.29	20.3	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	138		9.12	30.4	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.52	J	24.3	40.5	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	54.7	U	54.7	60.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.03		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-06DL	Acq On:	31 Oct 2024 19:35
Client Sample ID:	EX-1-TPH-6DL	Operator:	YP\AJ
Data file:	FE050952.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	9183734	64.267	300	ug/ml
Aliphatic C12-C16	6.762	10.193	19610757	135.136	200	ug/ml
Aliphatic C16-C21	10.194	13.552	9902594	68.577	300	ug/ml
Aliphatic C21-C28	13.553	17.208	667641	4.697	400	ug/ml
Aliphatic C28-C40	17.209	22.054	341764	2.471	600	ug/ml
Aliphatic EPH	3.144	22.054	39706490	275.148		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.288	13.288	122211	1.03		ug/ml
Aliphatic C9-C28	3.144	17.208	39364726	272.677	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-6DL	SDG No.:	P4599
Lab Sample ID:	P4599-06DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.2
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014610.D	10	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	60.9		3.65	8.10	mg/kg
Aromatic C12-C16	Aromatic C12-C16	189		4.13	12.2	mg/kg
Aromatic C16-C21	Aromatic C16-C21	248		11.7	20.3	mg/kg
Aromatic C21-C36	Aromatic C21-C36	24.3	U	24.3	32.4	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	8.22		40 - 140	164%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	7.31		40 - 140	146%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.92		40 - 140	58%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-06DL	Acq On:	31 Oct 2024 14:41
Client Sample ID:	EX-1-TPH-6DL	Operator:	YP\AJ
Data file:	FG014610.D	Misc:	
Instrument:	FID_G	ALS Vial:	44
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	10485488	75.167	200	ug/ml
Aromatic C12-C16	6.386	9.086	34050697	234.101	300	ug/ml
Aromatic C16-C21	9.087	13.404	44404412	306.603	500	ug/ml
Aromatic C21-C36	13.405	18.847	1706735	12.008	800	ug/ml
Aromatic EPH	4.516	18.847	90647332	627.878		ug/ml
ortho-Terphenyl (SURR)	11.953	11.953	432973	2.92		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	1032049	8.22		ug/ml
2-Fluorobiphenyl (SURR)	8.884	8.884	629401	7.31		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-7	SDG No.:	P4599
Lab Sample ID:	P4599-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.7
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 7:00	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	1.14	J	1	0.46	1.21	mg/kg	FE050928.D
Aliphatic C12-C16	Aliphatic C12-C16	1.84		1	0.29	0.81	mg/kg	FE050928.D
Aliphatic C16-C21	Aliphatic C16-C21	1.16	J	1	0.36	1.21	mg/kg	FE050928.D
Aliphatic C21-C28	Aliphatic C21-C28	0.97	U	1	0.97	1.61	mg/kg	FE050928.D
Aliphatic C28-C40	Aliphatic C28-C40	7.88		1	2.17	2.41	mg/kg	FE050928.D
Aromatic C10-C12	Aromatic C10-C12	0.74	J	1	0.36	0.81	mg/kg	FG014583.D
Aromatic C12-C16	Aromatic C12-C16	2.10		1	0.41	1.21	mg/kg	FG014583.D
Aromatic C16-C21	Aromatic C16-C21	7.04		1	1.16	2.01	mg/kg	FG014583.D
Aromatic C21-C36	Aromatic C21-C36	2.41	U	1	2.41	3.22	mg/kg	FG014583.D
Total AliphaticEPH	Total AliphaticEPH	12.0			4.25	7.25	mg/kg	
Total AromaticEPH	Total AromaticEPH	9.88			4.34	7.25	mg/kg	
Total EPH	Total EPH	21.9			8.59	14.5	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:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-7		SDG No.:	P4599	
Lab Sample ID:	P4599-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	82.7	
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
FE050928.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1.14	J	0.46	1.21	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.84		0.29	0.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	1.16	J	0.36	1.21	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.97	U	0.97	1.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.88		2.17	2.41	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	29.9		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-07	Acq On:	31 Oct 2024 07:00
Client Sample ID:	EX-1-TPH-7	Operator:	YP\AJ
Data file:	FE050928.D	Misc:	
Instrument:	FID_E	ALS Vial:	37
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	2016410	14.111	300	ug/ml
Aliphatic C12-C16	6.763	10.194	3320664	22.882	200	ug/ml
Aliphatic C16-C21	10.195	13.554	2084304	14.434	300	ug/ml
Aliphatic C21-C28	13.555	17.208	1447576	10.183	400	ug/ml
Aliphatic C28-C40	17.209	22.057	13541192	97.909	600	ug/ml
Aliphatic EPH	3.144	22.057	22410146	159.52		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.289	13.289	3541512	29.94		ug/ml
Aliphatic C9-C28	3.144	17.208	8868954	61.61	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-7		SDG No.:	P4599	
Lab Sample ID:	P4599-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	82.7	
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
FG014583.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.74	J	0.36	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	2.10		0.41	1.21	mg/kg
Aromatic C16-C21	Aromatic C16-C21	7.04		1.16	2.01	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.41	U	2.41	3.22	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	64.5		40 - 140	129%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	61.5		40 - 140	123%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.1		40 - 140	52%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-07	Acq On:	30 Oct 2024 19:59
Client Sample ID:	EX-1-TPH-7	Operator:	YP\AJ
Data file:	FG014583.D	Misc:	
Instrument:	FID_G	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	1278146	9.163	200	ug/ml
Aromatic C12-C16	6.390	9.089	3798551	26.115	300	ug/ml
Aromatic C16-C21	9.090	13.408	12660083	87.415	500	ug/ml
Aromatic C21-C36	13.409	18.851	2105478	14.813	800	ug/ml
Aromatic EPH	4.519	18.851	19842258	137.506		ug/ml
ortho-Terphenyl (SURR)	11.959	11.959	3864462	26.1		ug/ml
2-Bromonaphthalene (SURR)	8.015	8.015	8099783	64.52		ug/ml
2-Fluorobiphenyl (SURR)	8.890	8.890	5298314	61.51		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-8	SDG No.:	P4599
Lab Sample ID:	P4599-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.4
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
10/30/24 08:20	10/31/24 20:05	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	160		10	4.50	11.8	mg/kg FE050953.D
Aliphatic C12-C16	Aliphatic C12-C16	527		50	14.2	39.4	mg/kg FE050954.D
Aliphatic C16-C21	Aliphatic C16-C21	301		50	17.7	59.2	mg/kg FE050954.D
Aliphatic C21-C28	Aliphatic C21-C28	16.1		1	0.95	1.58	mg/kg FE050929.D
Aliphatic C28-C40	Aliphatic C28-C40	6.65		1	2.13	2.37	mg/kg FE050929.D
Aromatic C10-C12	Aromatic C10-C12	59.8		20	7.10	15.8	mg/kg FG014611.D
Aromatic C12-C16	Aromatic C12-C16	275		20	8.05	23.7	mg/kg FG014611.D
Aromatic C16-C21	Aromatic C16-C21	548		20	22.7	39.4	mg/kg FG014611.D
Aromatic C21-C36	Aromatic C21-C36	20.6		1	2.37	3.16	mg/kg FG014584.D
Total AliphaticEPH	Total AliphaticEPH	1010			39.5	114	mg/kg
Total AromaticEPH	Total AromaticEPH	903			40.2	82.1	mg/kg
Total EPH	Total EPH	1910			79.7	196	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:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-8		SDG No.:	P4599	
Lab Sample ID:	P4599-08		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.4	
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
FE050929.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	143	E	0.45	1.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	448	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	264	E	0.36	1.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	16.1		0.95	1.58	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.65		2.13	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.8		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:	P4599-08	Acq On:	31 Oct 2024 07:30
Client Sample ID:	EX-1-TPH-8	Operator:	YP\AJ
Data file:	FE050929.D	Misc:	
Instrument:	FID_E	ALS Vial:	38
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	260390075	1820	300	ug/ml
Aliphatic C12-C16	6.763	10.194	824183022	5680	200	ug/ml
Aliphatic C16-C21	10.195	13.554	483343950	3350	300	ug/ml
Aliphatic C21-C28	13.555	17.208	28969554	203.789	400	ug/ml
Aliphatic C28-C40	17.209	22.057	11660119	84.308	600	ug/ml
Aliphatic EPH	3.144	22.057	1608546720	11100		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.293	13.293	4945288	41.81		ug/ml
Aliphatic C9-C28	3.144	17.208	1596886601	11100	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-8		SDG No.:	P4599	
Lab Sample ID:	P4599-08		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.4	
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
FG014584.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	54.1	E	0.36	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	244	E	0.40	1.18	mg/kg
Aromatic C16-C21	Aromatic C16-C21	452	E	1.14	1.97	mg/kg
Aromatic C21-C36	Aromatic C21-C36	20.6		2.37	3.16	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	107		40 - 140	215%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	101		40 - 140	203%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	52.2		40 - 140	104%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-08	Acq On:	30 Oct 2024 20:27
Client Sample ID:	EX-1-TPH-8	Operator:	YP\AJ
Data file:	FG014584.D	Misc:	
Instrument:	FID_G	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	95638061	685.598	200	ug/ml
Aromatic C12-C16	6.390	9.089	450469652	3100	300	ug/ml
Aromatic C16-C21	9.090	13.408	830116040	5730	500	ug/ml
Aromatic C21-C36	13.409	18.851	37129134	261.217	800	ug/ml
Aromatic EPH	4.519	18.851	1413352887	9780		ug/ml
ortho-Terphenyl (SURR)	11.972	11.972	7726725	52.19		ug/ml
2-Bromonaphthalene (SURR)	8.024	8.024	13480282	107.38		ug/ml
2-Flurobiphenyl (SURR)	8.904	8.904	8735987	101.42		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-8DL		SDG No.:	P4599	
Lab Sample ID:	P4599-08DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.4	
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
FE050953.D	10	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	160		4.50	11.8	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	513	E	2.84	7.89	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	308	E	3.55	11.8	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	17.0		9.47	15.8	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.77	J	21.3	23.7	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.41		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-08DL	Acq On:	31 Oct 2024 20:05
Client Sample ID:	EX-1-TPH-8DL	Operator:	YP\AJ
Data file:	FE050953.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	29145406	203.957	300	ug/ml
Aliphatic C12-C16	6.762	10.193	94475138	651.022	200	ug/ml
Aliphatic C16-C21	10.194	13.552	56385745	390.48	300	ug/ml
Aliphatic C21-C28	13.553	17.208	3059475	21.522	400	ug/ml
Aliphatic C28-C40	17.209	22.054	1363081	9.856	600	ug/ml
Aliphatic EPH	3.144	22.054	184428845	1280		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.286	13.286	521929	4.41		ug/ml
Aliphatic C9-C28	3.144	17.208	183065764	1270	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-8DL	SDG No.:	P4599
Lab Sample ID:	P4599-08DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.4
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
FG014611.D	20	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	59.8		7.10	15.8	mg/kg
Aromatic C12-C16	Aromatic C12-C16	275		8.05	23.7	mg/kg
Aromatic C16-C21	Aromatic C16-C21	548		22.7	39.4	mg/kg
Aromatic C21-C36	Aromatic C21-C36	20.8	J	47.3	63.1	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	6.21		40 - 140	248%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	5.15		40 - 140	206%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.30		40 - 140	132%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-08DL	Acq On:	31 Oct 2024 15:10
Client Sample ID:	EX-1-TPH-8DL	Operator:	YP\AJ
Data file:	FG014611.D	Misc:	
Instrument:	FID_G	ALS Vial:	45
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	5284837	37.885	200	ug/ml
Aromatic C12-C16	6.386	9.086	25385743	174.529	300	ug/ml
Aromatic C16-C21	9.087	13.404	50388506	347.921	500	ug/ml
Aromatic C21-C36	13.405	18.847	1873893	13.184	800	ug/ml
Aromatic EPH	4.516	18.847	82932979	573.519		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	488241	3.3		ug/ml
2-Bromonaphthalene (SURR)	8.010	8.010	780117	6.21		ug/ml
2-Fluorobiphenyl (SURR)	8.883	8.883	443506	5.15		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-8DL2	SDG No.:	P4599
Lab Sample ID:	P4599-08DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.4
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
FE050954.D	50	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	152		22.5	59.2	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	527		14.2	39.4	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	301		17.7	59.2	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	20.5	J	47.3	78.9	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	106	U	106	118	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-08DL2	Acq On:	31 Oct 2024 20:35
Client Sample ID:	EX-1-TPH-8DL2	Operator:	YP\AJ
Data file:	FE050954.D	Misc:	
Instrument:	FID_E	ALS Vial:	27
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	5536364	38.743	300	ug/ml
Aliphatic C12-C16	6.762	10.193	19413985	133.78	200	ug/ml
Aliphatic C16-C21	10.194	13.552	11052228	76.538	300	ug/ml
Aliphatic C21-C28	13.553	17.208	737360	5.187	400	ug/ml
Aliphatic C28-C40	17.209	22.054	0	0	600	ug/ml
Aliphatic EPH	3.144	22.054	36739937	254.249		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.144	17.208	36739937	254.248	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-9	SDG No.:	P4599
Lab Sample ID:	P4599-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.4
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
10/30/24 08:20	10/31/24 21:06	PB164525

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	159		10	4.29	11.3	mg/kg FE050955.D
Aliphatic C12-C16	Aliphatic C12-C16	503		50	13.5	37.6	mg/kg FE050956.D
Aliphatic C16-C21	Aliphatic C16-C21	288		50	16.9	56.4	mg/kg FE050956.D
Aliphatic C21-C28	Aliphatic C21-C28	15.5		1	0.90	1.50	mg/kg FE050930.D
Aliphatic C28-C40	Aliphatic C28-C40	5.90		1	2.03	2.26	mg/kg FE050930.D
Aromatic C10-C12	Aromatic C10-C12	64.2		5	1.69	3.76	mg/kg FG014612.D
Aromatic C12-C16	Aromatic C12-C16	316		20	7.67	22.6	mg/kg FG014613.D
Aromatic C16-C21	Aromatic C16-C21	493		20	21.7	37.6	mg/kg FG014613.D
Aromatic C21-C36	Aromatic C21-C36	20.8		1	2.26	3.01	mg/kg FG014585.D
Total AliphaticEPH	Total AliphaticEPH	971			37.6	109	mg/kg
Total AromaticEPH	Total AromaticEPH	894			33.3	67.0	mg/kg
Total EPH	Total EPH	1870			70.9	176	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:	10/28/24	
Project:	North Point		Date Received:	10/28/24	
Client Sample ID:	EX-1-TPH-9		SDG No.:	P4599	
Lab Sample ID:	P4599-09		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.4	
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
FE050930.D	1	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	136	E	0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	409	E	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	238	E	0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.5		0.90	1.50	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.90		2.03	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.3		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-09	Acq On:	31 Oct 2024 08:00
Client Sample ID:	EX-1-TPH-9	Operator:	YP\AJ
Data file:	FE050930.D	Misc:	
Instrument:	FID_E	ALS Vial:	39
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.762	259054528	1810	300	ug/ml
Aliphatic C12-C16	6.763	10.194	789173519	5440	200	ug/ml
Aliphatic C16-C21	10.195	13.554	457774475	3170	300	ug/ml
Aliphatic C21-C28	13.555	17.208	29304002	206.141	400	ug/ml
Aliphatic C28-C40	17.209	22.057	10856115	78.495	600	ug/ml
Aliphatic EPH	3.144	22.057	1546162639	10800		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.293	13.293	5124318	43.32		ug/ml
Aliphatic C9-C28	3.144	17.208	1535306524	10600	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-9	SDG No.:	P4599
Lab Sample ID:	P4599-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.4
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
FG014585.D	1	10/30/24	10/30/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	56.4	E	0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	263	E	0.38	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	465	E	1.08	1.88	mg/kg
Aromatic C21-C36	Aromatic C21-C36	20.8		2.26	3.01	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	109		40 - 140	218%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	98.7		40 - 140	197%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	60.8		40 - 140	122%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-09	Acq On:	30 Oct 2024 20:56
Client Sample ID:	EX-1-TPH-9	Operator:	YP\AJ
Data file:	FG014585.D	Misc:	
Instrument:	FID_G	ALS Vial:	29
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.519	6.389	104637052	750.109	200	ug/ml
Aromatic C12-C16	6.390	9.089	510014824	3510	300	ug/ml
Aromatic C16-C21	9.090	13.408	896598357	6190	500	ug/ml
Aromatic C21-C36	13.409	18.851	39252499	276.156	800	ug/ml
Aromatic EPH	4.519	18.851	1550502732	10700		ug/ml
ortho-Terphenyl (SURR)	11.976	11.976	9002585	60.8		ug/ml
2-Bromonaphthalene (SURR)	8.024	8.024	13670056	108.89		ug/ml
2-Flurobiphenyl (SURR)	8.906	8.906	8504312	98.73		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-9DL	SDG No.:	P4599
Lab Sample ID:	P4599-09DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.4
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
FE050955.D	10	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	159		4.29	11.3	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	485	E	2.71	7.52	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	286	E	3.38	11.3	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.2		9.03	15.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.3	U	20.3	22.6	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.77		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-09DL	Acq On:	31 Oct 2024 21:06
Client Sample ID:	EX-1-TPH-9DL	Operator:	YP\AJ
Data file:	FE050955.D	Misc:	
Instrument:	FID_E	ALS Vial:	28
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	30229561	211.544	300	ug/ml
Aliphatic C12-C16	6.762	10.193	93694153	645.64	200	ug/ml
Aliphatic C16-C21	10.194	13.552	54946864	380.515	300	ug/ml
Aliphatic C21-C28	13.553	17.208	2873149	20.211	400	ug/ml
Aliphatic C28-C40	17.209	22.054	1149763	8.313	600	ug/ml
Aliphatic EPH	3.144	22.054	182893490	1270		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.286	13.286	564832	4.77		ug/ml
Aliphatic C9-C28	3.144	17.208	181743727	1260	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-9DL	SDG No.:	P4599
Lab Sample ID:	P4599-09DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.4
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
FG014612.D	5	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	64.2		1.69	3.76	mg/kg
Aromatic C12-C16	Aromatic C12-C16	313	E	1.92	5.64	mg/kg
Aromatic C16-C21	Aromatic C16-C21	526	E	5.42	9.40	mg/kg
Aromatic C21-C36	Aromatic C21-C36	23.3		11.3	15.0	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	20.2		40 - 140	202%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	18.8		40 - 140	188%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	14.1		40 - 140	141%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-09DL	Acq On:	31 Oct 2024 15:38
Client Sample ID:	EX-1-TPH-9DL	Operator:	YP\AJ
Data file:	FG014612.D	Misc:	
Instrument:	FID_G	ALS Vial:	46
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	23820763	170.763	200	ug/ml
Aromatic C12-C16	6.386	9.086	121188881	833.183	300	ug/ml
Aromatic C16-C21	9.087	13.404	202775168	1400	500	ug/ml
Aromatic C21-C36	13.405	18.847	8814375	62.012	800	ug/ml
Aromatic EPH	4.516	18.847	356599187	2470		ug/ml
2-Fluorobiphenyl (SURR)	8.886	8.886	1616731	18.77		ug/ml
ortho-Terphenyl (SURR)	11.958	11.958	2093704	14.14		ug/ml
2-Bromonaphthalene (SURR)	8.012	8.012	2532075	20.17		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-9DL2	SDG No.:	P4599
Lab Sample ID:	P4599-09DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.4
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
FE050956.D	50	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	151		21.4	56.4	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	503		13.5	37.6	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	288		16.9	56.4	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	45.1	U	45.1	75.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	101	U	101	112	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4599-09DL2	Acq On:	31 Oct 2024 21:36
Client Sample ID:	EX-1-TPH-9DL2	Operator:	YP\AJ
Data file:	FE050956.D	Misc:	
Instrument:	FID_E	ALS Vial:	29
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	5775375	40.416	300	ug/ml
Aliphatic C12-C16	6.762	10.193	19437771	133.944	200	ug/ml
Aliphatic C16-C21	10.194	13.552	11093230	76.822	300	ug/ml
Aliphatic C21-C28	13.553	17.208	550485	3.872	400	ug/ml
Aliphatic C28-C40	17.209	22.054	63994	0.463	600	ug/ml
Aliphatic EPH	3.144	22.054	36920855	255.517		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.144	17.208	36856861	255.054	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	10/28/24
Project:	North Point	Date Received:	10/28/24
Client Sample ID:	EX-1-TPH-9DL2	SDG No.:	P4599
Lab Sample ID:	P4599-09DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.4
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
FG014613.D	20	10/30/24	10/31/24	PB164525

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	56.2		6.77	15.0	mg/kg
Aromatic C12-C16	Aromatic C12-C16	316		7.67	22.6	mg/kg
Aromatic C16-C21	Aromatic C16-C21	493		21.7	37.6	mg/kg
Aromatic C21-C36	Aromatic C21-C36	20.8	J	45.1	60.2	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	5.43		40 - 140	217%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	4.99		40 - 140	200%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.82		40 - 140	153%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4599-09DL2	Acq On:	31 Oct 2024 16:06
Client Sample ID:	EX-1-TPH-9DL2	Operator:	YP\AJ
Data file:	FG014613.D	Misc:	
Instrument:	FID_G	ALS Vial:	47
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.516	6.385	5214290	37.38	200	ug/ml
Aromatic C12-C16	6.386	9.086	30622179	210.53	300	ug/ml
Aromatic C16-C21	9.087	13.404	47546819	328.3	500	ug/ml
Aromatic C21-C36	13.405	18.847	1969895	13.859	800	ug/ml
Aromatic EPH	4.516	18.847	85353183	590.069		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	681074	5.43		ug/ml
2-Fluorobiphenyl (SURR)	8.883	8.883	430065	4.99		ug/ml
ortho-Terphenyl (SURR)	11.954	11.954	565654	3.82		ug/ml

LAB CHRONICLE

OrderID:	P4599	OrderDate:	10/28/2024 3:59:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	K63

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4599-01	EX-1-TPH-1	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	
			EPH	NJEPH		10/30/24	10/30/24	
			EPH	NJEPH		10/30/24	10/31/24	
P4599-01DL	EX-1-TPH-1DL	Solid			10/28/24			10/28/24
			EPH	NJEPH		10/30/24	10/31/24	
P4599-01DL 2	EX-1-TPH-1DL2	Solid			10/28/24			10/28/24
			EPH	NJEPH		10/30/24	10/31/24	
P4599-02	EX-1-TPH-2	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	
			EPH	NJEPH		10/30/24	10/30/24	
			EPH	NJEPH		10/30/24	10/31/24	
P4599-02DL	EX-1-TPH-2DL	Solid			10/28/24			10/28/24
			EPH	NJEPH		10/30/24	10/31/24	
P4599-02DL 2	EX-1-TPH-2DL2	Solid			10/28/24			10/28/24
			EPH	NJEPH		10/30/24	10/31/24	
P4599-03	EX-1-TPH-3	SOIL			10/28/24			10/28/24
			Diesel Range Organics	8015D		10/30/24	10/30/24	
			Gasoline Range Organics	8015D			10/29/24	
			Gasoline Range Organics	8015D			10/30/24	
			EPH	NJEPH		10/30/24	10/31/24	
P4599-03DL	EX-1-TPH-3DL	Solid			10/28/24			10/28/24

LAB CHRONICLE

			EPH	NJEPH	10/30/24	10/31/24	
P4599-03DL 2	EX-1-TPH-3DL2	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	
P4599-04	EX-1-TPH-4	SOIL			10/28/24		10/28/24
			Diesel Range Organics	8015D	10/30/24	10/30/24	
			Gasoline Range Organics	8015D		10/29/24	
			Gasoline Range Organics	8015D		10/30/24	
			EPH	NJEPH	10/30/24	10/30/24	
			EPH	NJEPH	10/30/24	10/31/24	
P4599-04DL	EX-1-TPH-4DL	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	
P4599-04DL 2	EX-1-TPH-4DL2	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	
P4599-05	EX-1-TPH-5	SOIL			10/28/24		10/28/24
			Diesel Range Organics	8015D	10/30/24	10/31/24	
			Gasoline Range Organics	8015D		10/29/24	
			Gasoline Range Organics	8015D		10/30/24	
			EPH	NJEPH	10/30/24	10/30/24	
			EPH	NJEPH	10/30/24	10/31/24	
P4599-05DL	EX-1-TPH-5DL	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	
P4599-05DL 2	EX-1-TPH-5DL2	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	
			EPH	NJEPH	10/30/24	11/01/24	
P4599-06	EX-1-TPH-6	SOIL			10/28/24		10/28/24
			Diesel Range Organics	8015D	10/30/24	10/31/24	
			Gasoline Range Organics	8015D		10/29/24	
			Gasoline Range Organics	8015D		10/30/24	
			EPH	NJEPH	10/30/24	10/30/24	
			EPH	NJEPH	10/30/24	10/31/24	

LAB CHRONICLE

P4599-06DL	EX-1-TPH-6DL	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	
P4599-07	EX-1-TPH-7	SOIL			10/28/24		10/28/24
			Diesel Range Organics	8015D	10/30/24	10/30/24	
			Gasoline Range Organics	8015D		10/29/24	
			EPH	NJEPH	10/30/24	10/30/24	
			EPH	NJEPH	10/30/24	10/31/24	
P4599-08	EX-1-TPH-8	SOIL			10/28/24		10/28/24
			Diesel Range Organics	8015D	10/30/24	10/31/24	
			Gasoline Range Organics	8015D		10/29/24	
			Gasoline Range Organics	8015D		10/30/24	
			EPH	NJEPH	10/30/24	10/30/24	
			EPH	NJEPH	10/30/24	10/31/24	
P4599-08DL	EX-1-TPH-8DL	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	
P4599-08DL 2	EX-1-TPH-8DL2	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	
P4599-09	EX-1-TPH-9	SOIL			10/28/24		10/28/24
			Diesel Range Organics	8015D	10/30/24	10/31/24	
			Gasoline Range Organics	8015D		10/29/24	
			Gasoline Range Organics	8015D		10/30/24	
			EPH	NJEPH	10/30/24	10/30/24	
			EPH	NJEPH	10/30/24	10/31/24	
P4599-09DL	EX-1-TPH-9DL	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	
P4599-09DL 2	EX-1-TPH-9DL2	Solid			10/28/24		10/28/24
			EPH	NJEPH	10/30/24	10/31/24	