



SAMPLE DATA

A

B

C

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.7
Sample Wt/Vol:	30.1	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/11/24 10:25	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	746		50	21.8	57.5	mg/kg FC067688.D
Aliphatic C12-C16	Aliphatic C12-C16	1790		200	55.2	153	mg/kg FC067689.D
Aliphatic C16-C21	Aliphatic C16-C21	156		50	17.2	57.5	mg/kg FC067688.D
Aliphatic C21-C28	Aliphatic C21-C28	12.6		1	0.92	1.53	mg/kg FC067680.D
Aliphatic C28-C40	Aliphatic C28-C40	6.02		1	2.07	2.30	mg/kg FC067680.D
Aromatic C10-C12	Aromatic C10-C12	70.8		20	6.90	15.3	mg/kg FD048691.D
Aromatic C12-C16	Aromatic C12-C16	368		20	7.82	23.0	mg/kg FD048691.D
Aromatic C16-C21	Aromatic C16-C21	213		20	22.1	38.3	mg/kg FD048691.D
Aromatic C21-C36	Aromatic C21-C36	8.72		1	2.30	3.07	mg/kg FD048681.D
Total AliphaticEPH	Total AliphaticEPH	2710			97.2	272	mg/kg
Total AromaticEPH	Total AromaticEPH	661			39.1	79.7	mg/kg
Total EPH	Total EPH	3370			136	352	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-2-TPH-1		SDG No.:	P4721	
Lab Sample ID:	P4721-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.7	
Sample Wt/Vol:	30.1	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067680.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	526	E	0.44	1.15	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1170	E	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	160	E	0.35	1.15	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	12.6		0.92	1.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.02		2.07	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.9		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-01	Acq On:	08 Nov 2024 22:23
Client Sample ID:	EX-2-TPH-1	Operator:	YP/AJ
Data file:	FC067680.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.450	930464975	6870	300	ug/ml
Aliphatic C12-C16	6.451	9.841	2012207884	15300	200	ug/ml
Aliphatic C16-C21	9.842	13.199	266099878	2090	300	ug/ml
Aliphatic C21-C28	13.200	16.853	19742316	164.395	400	ug/ml
Aliphatic C28-C40	16.854	21.698	7935925	78.501	600	ug/ml
Aliphatic EPH	3.171	21.698	3236450978	24500		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.932	12.932	4197572	38.87		ug/ml
Aliphatic C9-C28	3.171	16.853	3228515053	24500	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048681.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	72.9	E	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	317	E	0.39	1.15	mg/kg
Aromatic C16-C21	Aromatic C16-C21	197	E	1.10	1.92	mg/kg
Aromatic C21-C36	Aromatic C21-C36	8.72		2.30	3.07	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	60.7		40 - 140	121%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	66.3		40 - 140	132%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.6		40 - 140	65%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-01	Acq On:	08 Nov 2024 21:10
Client Sample ID:	EX-2-TPH-1	Operator:	YP/AJ
Data file:	FD048681.D	Misc:	
Instrument:	FID_D	ALS Vial:	64
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.092	5.810	167560721	950.954	200	ug/ml
Aromatic C12-C16	5.811	8.415	734269015	4140	300	ug/ml
Aromatic C16-C21	8.416	12.678	422722847	2580	500	ug/ml
Aromatic C21-C36	12.679	18.083	17366644	113.721	800	ug/ml
Aromatic EPH	4.092	18.083	1341919227	7790		ug/ml
ortho-Terphenyl (SURR)	11.258	11.258	5549755	32.58		ug/ml
2-Bromonaphthalene (SURR)	7.380	7.380	9210924	60.69		ug/ml
2-Fluorobiphenyl (SURR)	8.235	8.235	6505320	66.25		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-1DL	SDG No.:	P4721
Lab Sample ID:	P4721-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067688.D	50	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	746		21.8	57.5	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1630	E	13.8	38.3	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	156		17.2	57.5	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	46.0	U	46.0	76.6	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	103	U	103	114	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.99		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-01DL	Acq On:	11 Nov 2024 10:25
Client Sample ID:	EX-2-TPH-1DL	Operator:	YP/AJ
Data file:	FC067688.D	Misc:	
Instrument:	FID_C	ALS Vial:	7
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.170	6.450	26405465	194.918	300	ug/ml
Aliphatic C12-C16	6.451	9.840	56166851	426.535	200	ug/ml
Aliphatic C16-C21	9.841	13.198	5195356	40.833	300	ug/ml
Aliphatic C21-C28	13.199	16.853	283268	2.359	400	ug/ml
Aliphatic C28-C40	16.854	21.695	101955	1.009	600	ug/ml
Aliphatic EPH	3.170	21.695	88152895	665.653		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	106918	0.99		ug/ml
Aliphatic C9-C28	3.170	16.853	88050940	664.645	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-1DL	SDG No.:	P4721
Lab Sample ID:	P4721-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048691.D	20	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	70.8		6.90	15.3	mg/kg
Aromatic C12-C16	Aromatic C12-C16	368		7.82	23.0	mg/kg
Aromatic C16-C21	Aromatic C16-C21	213		22.1	38.3	mg/kg
Aromatic C21-C36	Aromatic C21-C36	46.0	U	46.0	61.3	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	4.50		40 - 140	180%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	3.13		40 - 140	125%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	1.82		40 - 140	73%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-01DL	Acq On:	11 Nov 2024 10:25
Client Sample ID:	EX-2-TPH-1DL	Operator:	YP/AJ
Data file:	FD048691.D	Misc:	
Instrument:	FID_D	ALS Vial:	57
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.090	5.808	8134423	46.165	200	ug/ml
Aromatic C12-C16	5.809	8.414	42580712	240.198	300	ug/ml
Aromatic C16-C21	8.415	12.677	22800134	139.167	500	ug/ml
Aromatic C21-C36	12.678	18.084	562119	3.681	800	ug/ml
Aromatic EPH	4.090	18.084	74077388	429.211		ug/ml
ortho-Terphenyl (SURR)	11.252	11.252	310729	1.82		ug/ml
2-Bromonaphthalene (SURR)	7.370	7.370	683136	4.5		ug/ml
2-Flurobiphenyl (SURR)	8.223	8.223	307604	3.13		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-1DL2	SDG No.:	P4721
Lab Sample ID:	P4721-01DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.7
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067689.D	200	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	829		87.4	229	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1790		55.2	153	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	169	J	69.0	229	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	183	U	183	306	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	413	U	413	459	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:	P4721-01DL2	Acq On:	11 Nov 2024 11:02
Client Sample ID:	EX-2-TPH-1DL2	Operator:	YP/AJ
Data file:	FC067689.D	Misc:	
Instrument:	FID_C	ALS Vial:	8
Dilution Factor:	200	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.170	6.450	7334182	54.139	300	ug/ml
Aliphatic C12-C16	6.451	9.840	15396469	116.922	200	ug/ml
Aliphatic C16-C21	9.841	13.198	1409597	11.079	300	ug/ml
Aliphatic C21-C28	13.199	16.853	176363	1.469	400	ug/ml
Aliphatic C28-C40	16.854	21.695	28101	0.278	600	ug/ml
Aliphatic EPH	3.170	21.695	24344712	183.886		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	3.170	16.853	24316611	183.609	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/11/24 11:39	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	153		10	4.57	12.0	mg/kg FC067690.D
Aliphatic C12-C16	Aliphatic C12-C16	441		50	14.4	40.1	mg/kg FC067691.D
Aliphatic C16-C21	Aliphatic C16-C21	87.6		10	3.61	12.0	mg/kg FC067690.D
Aliphatic C21-C28	Aliphatic C21-C28	9.02		1	0.96	1.60	mg/kg FC067681.D
Aliphatic C28-C40	Aliphatic C28-C40	6.15		1	2.17	2.41	mg/kg FC067681.D
Aromatic C10-C12	Aromatic C10-C12	15.7		1	0.36	0.80	mg/kg FD048682.D
Aromatic C12-C16	Aromatic C12-C16	100		10	4.09	12.0	mg/kg FD048692.D
Aromatic C16-C21	Aromatic C16-C21	114		10	11.6	20.1	mg/kg FD048692.D
Aromatic C21-C36	Aromatic C21-C36	11.0		1	2.41	3.21	mg/kg FD048682.D
Total AliphaticEPH	Total AliphaticEPH	697			25.7	68.1	mg/kg
Total AromaticEPH	Total AromaticEPH	241			18.5	36.1	mg/kg
Total EPH	Total EPH	937			44.2	104	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-2-TPH-2		SDG No.:	P4721	
Lab Sample ID:	P4721-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83	
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
FC067681.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	146	E	0.46	1.20	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	348	E	0.29	0.80	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	85.5	E	0.36	1.20	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.02		0.96	1.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.15		2.17	2.41	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.5		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-02	Acq On:	08 Nov 2024 23:00
Client Sample ID:	EX-2-TPH-2	Operator:	YP/AJ
Data file:	FC067681.D	Misc:	
Instrument:	FID_C	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.171	6.450	246833241	1820	300	ug/ml
Aliphatic C12-C16	6.451	9.841	572173691	4350	200	ug/ml
Aliphatic C16-C21	9.842	13.199	135680553	1070	300	ug/ml
Aliphatic C21-C28	13.200	16.853	13501845	112.431	400	ug/ml
Aliphatic C28-C40	16.854	21.698	7748833	76.65	600	ug/ml
Aliphatic EPH	3.171	21.698	975938163	7420		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.931	12.931	4044361	37.45		ug/ml
Aliphatic C9-C28	3.171	16.853	968189330	7350	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83
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
FD048682.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	15.7		0.36	0.80	mg/kg
Aromatic C12-C16	Aromatic C12-C16	85.2	E	0.41	1.20	mg/kg
Aromatic C16-C21	Aromatic C16-C21	102	E	1.16	2.01	mg/kg
Aromatic C21-C36	Aromatic C21-C36	11.0		2.41	3.21	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	69.4		40 - 140	139%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.9		40 - 140	110%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.0		40 - 140	66%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-02	Acq On:	08 Nov 2024 21:46
Client Sample ID:	EX-2-TPH-2	Operator:	YP/AJ
Data file:	FD048682.D	Misc:	
Instrument:	FID_D	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.092	5.810	34472171	195.639	200	ug/ml
Aromatic C12-C16	5.811	8.415	188203404	1060	300	ug/ml
Aromatic C16-C21	8.416	12.678	209514804	1280	500	ug/ml
Aromatic C21-C36	12.679	18.083	20970443	137.319	800	ug/ml
Aromatic EPH	4.092	18.083	453160822	2670		ug/ml
ortho-Terphenyl (SURR)	11.257	11.257	5612699	32.95		ug/ml
2-Bromonaphthalene (SURR)	7.373	7.373	10528280	69.37		ug/ml
2-Flurobiphenyl (SURR)	8.224	8.224	5393946	54.93		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-2-TPH-2DL		SDG No.:	P4721	
Lab Sample ID:	P4721-02DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83	
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
FC067690.D	10	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	153		4.57	12.0	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	405	E	2.89	8.02	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	87.6		3.61	12.0	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.75	J	9.63	16.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	21.7	U	21.7	24.1	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.43		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-02DL	Acq On:	11 Nov 2024 11:39
Client Sample ID:	EX-2-TPH-2DL	Operator:	YP/AJ
Data file:	FC067690.D	Misc:	
Instrument:	FID_C	ALS Vial:	9
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.170	6.450	25877496	191.021	300	ug/ml
Aliphatic C12-C16	6.451	9.840	66567954	505.522	200	ug/ml
Aliphatic C16-C21	9.841	13.198	13900604	109.251	300	ug/ml
Aliphatic C21-C28	13.199	16.853	1459972	12.157	400	ug/ml
Aliphatic C28-C40	16.854	21.695	715898	7.082	600	ug/ml
Aliphatic EPH	3.170	21.695	108521924	825.032		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.930	12.930	478017	4.43		ug/ml
Aliphatic C9-C28	3.170	16.853	107806026	817.951	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-2DL	SDG No.:	P4721
Lab Sample ID:	P4721-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83
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
FD048692.D	10	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	17.6		3.61	8.02	mg/kg
Aromatic C12-C16	Aromatic C12-C16	100		4.09	12.0	mg/kg
Aromatic C16-C21	Aromatic C16-C21	114		11.6	20.1	mg/kg
Aromatic C21-C36	Aromatic C21-C36	12.6	J	24.1	32.1	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	7.73		40 - 140	155%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	5.20		40 - 140	104%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	4.03		40 - 140	81%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-02DL	Acq On:	11 Nov 2024 11:02
Client Sample ID:	EX-2-TPH-2DL	Operator:	YP/AJ
Data file:	FD048692.D	Misc:	
Instrument:	FID_D	ALS Vial:	58
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.090	5.808	3863623	21.927	200	ug/ml
Aromatic C12-C16	5.809	8.414	22294363	125.763	300	ug/ml
Aromatic C16-C21	8.415	12.677	23471352	143.264	500	ug/ml
Aromatic C21-C36	12.678	18.084	2399870	15.715	800	ug/ml
Aromatic EPH	4.090	18.084	52029208	306.669		ug/ml
2-Bromonaphthalene (SURRE)	7.367	7.367	1173440	7.73		ug/ml
2-Fluorobiphenyl (SURRE)	8.220	8.220	510715	5.2		ug/ml
ortho-Terphenyl (SURRE)	11.252	11.252	686602	4.03		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-2DL2	SDG No.:	P4721
Lab Sample ID:	P4721-02DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83
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
FC067691.D	50	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	180		22.9	60.2	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	441		14.4	40.1	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	96.0		18.0	60.2	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	48.1	U	48.1	80.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	108	U	108	120	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.84		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:	P4721-02DL2	Acq On:	11 Nov 2024 12:15
Client Sample ID:	EX-2-TPH-2DL2	Operator:	YP/AJ
Data file:	FC067691.D	Misc:	
Instrument:	FID_C	ALS Vial:	10
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.170	6.450	6106247	45.075	300	ug/ml
Aliphatic C12-C16	6.451	9.840	14480197	109.964	200	ug/ml
Aliphatic C16-C21	9.841	13.198	3045032	23.932	300	ug/ml
Aliphatic C21-C28	13.199	16.853	331331	2.759	400	ug/ml
Aliphatic C28-C40	16.854	21.695	94115	0.931	600	ug/ml
Aliphatic EPH	3.170	21.695	24056922	182.661		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.929	12.929	90195	0.84		ug/ml
Aliphatic C9-C28	3.170	16.853	23962807	181.73	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.3
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
11/08/24 08:47	11/11/24 9:41	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	66.1		20	8.60	22.6	mg/kg FE051138.D
Aliphatic C12-C16	Aliphatic C12-C16	190		20	5.43	15.1	mg/kg FE051138.D
Aliphatic C16-C21	Aliphatic C16-C21	128		20	6.79	22.6	mg/kg FE051138.D
Aliphatic C21-C28	Aliphatic C21-C28	25.8		1	0.91	1.51	mg/kg FE051125.D
Aliphatic C28-C40	Aliphatic C28-C40	36.0		1	2.04	2.26	mg/kg FE051125.D
Aromatic C10-C12	Aromatic C10-C12	28.7		5	1.70	3.77	mg/kg FD048693.D
Aromatic C12-C16	Aromatic C12-C16	74.2		5	1.92	5.66	mg/kg FD048693.D
Aromatic C16-C21	Aromatic C16-C21	157		5	5.43	9.43	mg/kg FD048693.D
Aromatic C21-C36	Aromatic C21-C36	40.4		1	2.26	3.02	mg/kg FD048683.D
Total AliphaticEPH	Total AliphaticEPH	446			23.8	64.1	mg/kg
Total AromaticEPH	Total AromaticEPH	300			11.3	21.9	mg/kg
Total EPH	Total EPH	746			35.1	86.0	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.3
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
FE051125.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	60.7	E	0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	171	E	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	124	E	0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	25.8		0.91	1.51	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	36.0		2.04	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.6		40 - 140	81%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-03	Acq On:	08 Nov 2024 18:38
Client Sample ID:	EX-2-TPH-3	Operator:	YP\AJ
Data file:	FE051125.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	112539624	804.344	300	ug/ml
Aliphatic C12-C16	6.759	10.191	319799913	2270	200	ug/ml
Aliphatic C16-C21	10.192	13.550	227103177	1650	300	ug/ml
Aliphatic C21-C28	13.551	17.206	45728418	341.38	400	ug/ml
Aliphatic C28-C40	17.207	22.053	61377212	476.722	600	ug/ml
Aliphatic EPH	3.140	22.053	766548344	5540		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.288	13.288	4609120	40.6		ug/ml
Aliphatic C9-C28	3.140	17.206	705171132	5070	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-2-TPH-3		SDG No.:	P4721	
Lab Sample ID:	P4721-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.3	
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
FD048683.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	24.6	E	0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	61.1	E	0.39	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	141	E	1.09	1.89	mg/kg
Aromatic C21-C36	Aromatic C21-C36	40.4		2.26	3.02	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	70.3		40 - 140	140%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	67.3		40 - 140	135%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.7		40 - 140	91%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-03	Acq On:	08 Nov 2024 22:23
Client Sample ID:	EX-2-TPH-3	Operator:	YP/AJ
Data file:	FD048683.D	Misc:	
Instrument:	FID_D	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.092	5.810	57378489	325.639	200	ug/ml
Aromatic C12-C16	5.811	8.415	143510715	809.544	300	ug/ml
Aromatic C16-C21	8.416	12.678	306677727	1870	500	ug/ml
Aromatic C21-C36	12.679	18.083	81828607	535.832	800	ug/ml
Aromatic EPH	4.092	18.083	589395538	3540		ug/ml
2-Bromonaphthalene (SURRE)	7.373	7.373	10661892	70.25		ug/ml
2-Fluorobiphenyl (SURRE)	8.225	8.225	6610592	67.32		ug/ml
ortho-Terphenyl (SURRE)	11.261	11.261	7787045	45.71		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-3DL	SDG No.:	P4721
Lab Sample ID:	P4721-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.3
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
FE051138.D	20	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	66.1		8.60	22.6	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	190		5.43	15.1	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	128		6.79	22.6	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	24.4	J	18.1	30.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	42.3	J	40.7	45.3	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	2.17		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:	P4721-03DL	Acq On:	11 Nov 2024 09:41
Client Sample ID:	EX-2-TPH-3DL	Operator:	YP\AJ
Data file:	FE051138.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.140	22.059	41387644	299.388		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.287	13.287	246759	2.17		ug/ml
Aliphatic C9-C12	3.140	6.760	6124177	43.771	300	ug/ml
Aliphatic C12-C16	6.761	10.193	17771992	126.369	200	ug/ml
Aliphatic C16-C21	10.194	13.553	11716593	85.046	300	ug/ml
Aliphatic C21-C28	13.554	17.209	2161585	16.137	400	ug/ml
Aliphatic C28-C40	17.210	22.059	3613297	28.065	600	ug/ml
Aliphatic C9-C28	3.140	17.209	37774347	271.323	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-2-TPH-3DL	SDG No.:	P4721
Lab Sample ID:	P4721-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.3
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
FD048693.D	5	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	28.7		1.70	3.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	74.2		1.92	5.66	mg/kg
Aromatic C16-C21	Aromatic C16-C21	157		5.43	9.43	mg/kg
Aromatic C21-C36	Aromatic C21-C36	38.8		11.3	15.1	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	16.1		40 - 140	160%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	13.1		40 - 140	131%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	10.4		40 - 140	104%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-03DL	Acq On:	11 Nov 2024 11:39
Client Sample ID:	EX-2-TPH-3DL	Operator:	YP/AJ
Data file:	FD048693.D	Misc:	
Instrument:	FID_D	ALS Vial:	59
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.090	5.808	13392049	76.004	200	ug/ml
Aromatic C12-C16	5.809	8.414	34875421	196.732	300	ug/ml
Aromatic C16-C21	8.415	12.677	68499688	418.108	500	ug/ml
Aromatic C21-C36	12.678	18.084	15720052	102.938	800	ug/ml
Aromatic EPH	4.090	18.084	132487210	793.782		ug/ml
ortho-Terphenyl (SURR)	11.253	11.253	1769767	10.39		ug/ml
2-Bromonaphthalene (SURR)	7.368	7.368	2436382	16.05		ug/ml
2-Fluorobiphenyl (SURR)	8.218	8.218	1287744	13.11		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/11/24 10:11	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	148		10	4.75	12.5	mg/kg FE051139.D
Aliphatic C12-C16	Aliphatic C12-C16	529		50	15.0	41.7	mg/kg FE051140.D
Aliphatic C16-C21	Aliphatic C16-C21	347		50	18.8	62.5	mg/kg FE051140.D
Aliphatic C21-C28	Aliphatic C21-C28	55.9		10	10.0	16.7	mg/kg FE051139.D
Aliphatic C28-C40	Aliphatic C28-C40	53.1		10	22.5	25.0	mg/kg FE051139.D
Aromatic C10-C12	Aromatic C10-C12	46.0		5	1.88	4.17	mg/kg FD048694.D
Aromatic C12-C16	Aromatic C12-C16	229		20	8.51	25.0	mg/kg FD048695.D
Aromatic C16-C21	Aromatic C16-C21	438		20	24.0	41.7	mg/kg FD048695.D
Aromatic C21-C36	Aromatic C21-C36	81.8		5	12.5	16.7	mg/kg FD048694.D
Total AliphaticEPH	Total AliphaticEPH	1130			71.0	158	mg/kg
Total AromaticEPH	Total AromaticEPH	795			46.9	87.6	mg/kg
Total EPH	Total EPH	1930			118	246	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051126.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	124	E	0.48	1.25	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	414	E	0.30	0.83	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	287	E	0.38	1.25	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	61.1	E	1.00	1.67	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	56.6	E	2.25	2.50	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	53.6		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-04	Acq On:	08 Nov 2024 19:08
Client Sample ID:	EX-11-TPH-1	Operator:	YP\AJ
Data file:	FE051126.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	209014025	1490	300	ug/ml
Aliphatic C12-C16	6.759	10.191	698386559	4970	200	ug/ml
Aliphatic C16-C21	10.192	13.550	474960414	3450	300	ug/ml
Aliphatic C21-C28	13.551	17.206	98069105	732.124	400	ug/ml
Aliphatic C28-C40	17.207	22.053	87388772	678.756	600	ug/ml
Aliphatic EPH	3.140	22.053	1567818875	11300		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.291	13.291	6088296	53.63		ug/ml
Aliphatic C9-C28	3.140	17.206	1480430103	10600	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048684.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	39.2	E	0.38	0.83	mg/kg
Aromatic C12-C16	Aromatic C12-C16	178	E	0.43	1.25	mg/kg
Aromatic C16-C21	Aromatic C16-C21	370	E	1.20	2.08	mg/kg
Aromatic C21-C36	Aromatic C21-C36	79.3	E	2.50	3.34	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	74.3		40 - 140	149%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	69.8		40 - 140	140%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	45.2		40 - 140	90%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-04	Acq On:	08 Nov 2024 23:00
Client Sample ID:	EX-11-TPH-1	Operator:	YP/AJ
Data file:	FD048684.D	Misc:	
Instrument:	FID_D	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.092	5.810	82903524	470.501	200	ug/ml
Aromatic C12-C16	5.811	8.415	379123772	2140	300	ug/ml
Aromatic C16-C21	8.416	12.678	727268770	4440	500	ug/ml
Aromatic C21-C36	12.679	18.083	145121420	950.288	800	ug/ml
Aromatic EPH	4.092	18.083	1334417486	8000		ug/ml
2-Bromonaphthalene (SURRE)	7.379	7.379	11281143	74.33		ug/ml
2-Fluorobiphenyl (SURRE)	8.234	8.234	6854475	69.81		ug/ml
ortho-Terphenyl (SURRE)	11.273	11.273	7699249	45.2		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-1DL		SDG No.:	P4721	
Lab Sample ID:	P4721-04DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79.7	
Sample Wt/Vol:	30.09	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051139.D	10	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	148		4.75	12.5	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	516	E	3.00	8.34	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	345	E	3.75	12.5	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	55.9		10.0	16.7	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	53.1		22.5	25.0	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.59		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-04DL	Acq On:	11 Nov 2024 10:11
Client Sample ID:	EX-11-TPH-1DL	Operator:	YP\AJ
Data file:	FE051139.D	Misc:	
Instrument:	FID_E	ALS Vial:	7
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.140	22.059	186150913	1340		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.288	13.288	521577	4.59		ug/ml
Aliphatic C9-C12	3.140	6.760	24834331	177.496	300	ug/ml
Aliphatic C12-C16	6.761	10.193	87107819	619.387	200	ug/ml
Aliphatic C16-C21	10.194	13.553	57034600	413.99	300	ug/ml
Aliphatic C21-C28	13.554	17.209	8971470	66.975	400	ug/ml
Aliphatic C28-C40	17.210	22.059	8202693	63.711	600	ug/ml
Aliphatic C9-C28	3.140	17.209	177948220	1280	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-1DL	SDG No.:	P4721
Lab Sample ID:	P4721-04DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048694.D	5	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	46.0		1.88	4.17	mg/kg
Aromatic C12-C16	Aromatic C12-C16	206	E	2.13	6.25	mg/kg
Aromatic C16-C21	Aromatic C16-C21	423	E	6.00	10.4	mg/kg
Aromatic C21-C36	Aromatic C21-C36	81.8		12.5	16.7	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	17.0		40 - 140	170%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	14.6		40 - 140	146%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	9.81		40 - 140	98%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-04DL	Acq On:	11 Nov 2024 12:15
Client Sample ID:	EX-11-TPH-1DL	Operator:	YP/AJ
Data file:	FD048694.D	Misc:	
Instrument:	FID_D	ALS Vial:	60
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.090	5.808	19437259	110.312	200	ug/ml
Aromatic C12-C16	5.809	8.414	87944437	496.095	300	ug/ml
Aromatic C16-C21	8.415	12.677	166578773	1020	500	ug/ml
Aromatic C21-C36	12.678	18.084	29957452	196.168	800	ug/ml
Aromatic EPH	4.090	18.084	303917921	1820		ug/ml
ortho-Terphenyl (SURR)	11.255	11.255	1670490	9.81		ug/ml
2-Bromonaphthalene (SURR)	7.369	7.369	2579027	16.99		ug/ml
2-Flurobiphenyl (SURR)	8.220	8.220	1437582	14.64		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-1DL2	SDG No.:	P4721
Lab Sample ID:	P4721-04DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE051140.D	50	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	145		23.8	62.5	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	529		15.0	41.7	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	347		18.8	62.5	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	59.0	J	50.0	83.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	38.9	J	112	125	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.98		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-04DL2	Acq On:	11 Nov 2024 10:41
Client Sample ID:	EX-11-TPH-1DL2	Operator:	YP\AJ
Data file:	FE051140.D	Misc:	
Instrument:	FID_E	ALS Vial:	8
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.140	22.059	37311171	268.641		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.290	13.290	110966	0.98		ug/ml
Aliphatic C9-C12	3.140	6.760	4883194	34.901	300	ug/ml
Aliphatic C12-C16	6.761	10.193	17864946	127.03	200	ug/ml
Aliphatic C16-C21	10.194	13.553	11466516	83.231	300	ug/ml
Aliphatic C21-C28	13.554	17.209	1896637	14.159	400	ug/ml
Aliphatic C28-C40	17.210	22.059	1199878	9.32	600	ug/ml
Aliphatic C9-C28	3.140	17.209	36111293	259.321	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-1DL2	SDG No.:	P4721
Lab Sample ID:	P4721-04DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.7
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048695.D	20	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	48.1		7.51	16.7	mg/kg
Aromatic C12-C16	Aromatic C12-C16	229		8.51	25.0	mg/kg
Aromatic C16-C21	Aromatic C16-C21	438		24.0	41.7	mg/kg
Aromatic C21-C36	Aromatic C21-C36	61.9	J	50.0	66.7	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	4.34		40 - 140	174%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	2.96		40 - 140	118%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.44		40 - 140	98%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-04DL2	Acq On:	11 Nov 2024 12:52
Client Sample ID:	EX-11-TPH-1DL2	Operator:	YP/AJ
Data file:	FD048695.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.090	5.808	5076588	28.811	200	ug/ml
Aromatic C12-C16	5.809	8.414	24422951	137.77	300	ug/ml
Aromatic C16-C21	8.415	12.677	43091924	263.024	500	ug/ml
Aromatic C21-C36	12.678	18.084	5664176	37.09	800	ug/ml
Aromatic EPH	4.090	18.084	78255639	466.695		ug/ml
ortho-Terphenyl (SURR)	11.251	11.251	416306	2.44		ug/ml
2-Bromonaphthalene (SURR)	7.369	7.369	659403	4.34		ug/ml
2-Flurobiphenyl (SURR)	8.222	8.222	290851	2.96		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.5
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
11/08/24 08:47	11/08/24 22:09	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	128		10	4.15	10.9	mg/kg FE051132.D
Aliphatic C12-C16	Aliphatic C12-C16	714		50	13.1	36.4	mg/kg FE051144.D
Aliphatic C16-C21	Aliphatic C16-C21	720		50	16.4	54.6	mg/kg FE051144.D
Aliphatic C21-C28	Aliphatic C21-C28	108		10	8.73	14.5	mg/kg FE051132.D
Aliphatic C28-C40	Aliphatic C28-C40	203		10	19.6	21.8	mg/kg FE051132.D
Aromatic C10-C12	Aromatic C10-C12	71.8		10	3.27	7.27	mg/kg FF014985.D
Aromatic C12-C16	Aromatic C12-C16	388		50	18.5	54.6	mg/kg FF014996.D
Aromatic C16-C21	Aromatic C16-C21	1060		50	52.4	90.9	mg/kg FF014996.D
Aromatic C21-C36	Aromatic C21-C36	285		10	21.8	29.1	mg/kg FF014985.D
Total AliphaticEPH	Total AliphaticEPH	1870			62.0	138	mg/kg
Total AromaticEPH	Total AromaticEPH	1810			96.0	182	mg/kg
Total EPH	Total EPH	3680			158	320	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-2		SDG No.:	P4721	
Lab Sample ID:	P4721-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	91.5	
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
FE051132.D	10	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	128		4.15	10.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	669	E	2.62	7.27	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	631	E	3.27	10.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	108		8.73	14.5	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	203		19.6	21.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	3.88		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-05	Acq On:	08 Nov 2024 22:09
Client Sample ID:	EX-11-TPH-2	Operator:	YP\AJ
Data file:	FE051132.D	Misc:	
Instrument:	FID_E	ALS Vial:	32
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	24780249	177.11	300	ug/ml
Aliphatic C12-C16	6.759	10.191	129375713	919.936	200	ug/ml
Aliphatic C16-C21	10.192	13.550	119614037	868.228	300	ug/ml
Aliphatic C21-C28	13.551	17.206	19985307	149.198	400	ug/ml
Aliphatic C28-C40	17.207	22.053	36095690	280.358	600	ug/ml
Aliphatic EPH	3.140	22.053	329850996	2390		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.284	13.284	440432	3.88		ug/ml
Aliphatic C9-C28	3.140	17.206	293755306	2110	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-2		SDG No.:	P4721	
Lab Sample ID:	P4721-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	91.5	
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
FF014985.D	10	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	71.8		3.27	7.27	mg/kg
Aromatic C12-C16	Aromatic C12-C16	346	E	3.71	10.9	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1010	E	10.5	18.2	mg/kg
Aromatic C21-C36	Aromatic C21-C36	285		21.8	29.1	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	7.52		40 - 140	150%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	6.29		40 - 140	126%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.72		40 - 140	74%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-05	Acq On:	08 Nov 2024 22:14
Client Sample ID:	EX-11-TPH-2	Operator:	YP\AJ
Data file:	FF014985.D	Misc:	
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	15252397	98.677	200	ug/ml
Aromatic C12-C16	6.366	8.961	73098040	476.02	300	ug/ml
Aromatic C16-C21	8.962	13.378	197242549	1390	500	ug/ml
Aromatic C21-C36	13.379	18.826	54257267	393.052	800	ug/ml
Aromatic EPH	4.496	18.826	339850253	2360		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	1000942	7.52		ug/ml
2-Fluorobiphenyl (SURR)	8.866	8.866	560559	6.29		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	548277	3.72		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-2DL		SDG No.:	P4721	
Lab Sample ID:	P4721-05DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	91.5	
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
FE051144.D	50	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	145		20.7	54.6	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	714		13.1	36.4	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	720		16.4	54.6	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	106		43.6	72.7	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	187		98.2	109	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:	P4721-05DL	Acq On:	11 Nov 2024 12:42
Client Sample ID:	EX-11-TPH-2DL	Operator:	YP\AJ
Data file:	FE051144.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.760	5582760	39.901	300	ug/ml
Aliphatic C12-C16	6.761	10.193	27614965	196.358	200	ug/ml
Aliphatic C16-C21	10.194	13.553	27281340	198.024	300	ug/ml
Aliphatic C21-C28	13.554	17.209	3918000	29.249	400	ug/ml
Aliphatic C28-C40	17.210	22.059	6641608	51.586	600	ug/ml
Aliphatic EPH	3.140	22.059	71038673	515.119		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	3.140	17.209	64397065	463.532	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-2DL	SDG No.:	P4721
Lab Sample ID:	P4721-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.5
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
FF014996.D	50	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	86.5		16.4	36.4	mg/kg
Aromatic C12-C16	Aromatic C12-C16	388		18.5	54.6	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1060		52.4	90.9	mg/kg
Aromatic C21-C36	Aromatic C21-C36	232		109	145	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	1.81		40 - 140	181%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	1.23		40 - 140	123%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.85		40 - 140	85%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-05DL	Acq On:	11 Nov 2024 12:43
Client Sample ID:	EX-11-TPH-2DL	Operator:	YP\AJ
Data file:	FF014996.D	Misc:	
Instrument:	FID_F	ALS Vial:	66
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.510	6.375	3678325	23.797	200	ug/ml
Aromatic C12-C16	6.376	9.068	16413337	106.885	300	ug/ml
Aromatic C16-C21	9.069	13.383	41577915	292.604	500	ug/ml
Aromatic C21-C36	13.384	18.828	8823184	63.917	800	ug/ml
Aromatic EPH	4.510	18.828	70492761	487.203		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	240837	1.81		ug/ml
2-Fluorobiphenyl (SURR)	8.866	8.866	109948	1.23		ug/ml
ortho-Terphenyl (SURR)	11.928	11.928	124457	0.85		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.4
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
11/08/24 08:47	11/08/24 20:08	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	7.96		1	0.48	1.26	mg/kg FE051128.D
Aliphatic C12-C16	Aliphatic C12-C16	23.4		2	0.60	1.68	mg/kg FE051141.D
Aliphatic C16-C21	Aliphatic C16-C21	21.6		1	0.38	1.26	mg/kg FE051128.D
Aliphatic C21-C28	Aliphatic C21-C28	3.03		1	1.01	1.68	mg/kg FE051128.D
Aliphatic C28-C40	Aliphatic C28-C40	12.7		1	2.26	2.52	mg/kg FE051128.D
Aromatic C10-C12	Aromatic C10-C12	2.23		1	0.38	0.84	mg/kg FD048690.D
Aromatic C12-C16	Aromatic C12-C16	4.54		1	0.43	1.26	mg/kg FD048690.D
Aromatic C16-C21	Aromatic C16-C21	16.3		1	1.21	2.10	mg/kg FD048690.D
Aromatic C21-C36	Aromatic C21-C36	10.3		1	2.52	3.36	mg/kg FD048690.D
Total AliphaticEPH	Total AliphaticEPH	68.7			4.73	8.40	mg/kg
Total AromaticEPH	Total AromaticEPH	33.4			4.54	7.56	mg/kg
Total EPH	Total EPH	102			9.26	16.0	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-3		SDG No.:	P4721	
Lab Sample ID:	P4721-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79.4	
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
FE051128.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	7.96		0.48	1.26	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	23.9	E	0.30	0.84	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	21.6		0.38	1.26	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	3.03		1.01	1.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.7		2.26	2.52	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.4		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-06	Acq On:	08 Nov 2024 20:08
Client Sample ID:	EX-11-TPH-3	Operator:	YP\AJ
Data file:	FE051128.D	Misc:	
Instrument:	FID_E	ALS Vial:	28
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	13276873	94.893	300	ug/ml
Aliphatic C12-C16	6.759	10.191	40076054	284.964	200	ug/ml
Aliphatic C16-C21	10.192	13.550	35408456	257.015	300	ug/ml
Aliphatic C21-C28	13.551	17.206	4839801	36.131	400	ug/ml
Aliphatic C28-C40	17.207	22.053	19418342	150.824	600	ug/ml
Aliphatic EPH	3.140	22.053	113019526	823.826		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.285	13.285	4016554	35.38		ug/ml
Aliphatic C9-C28	3.140	17.206	93601184	673.003	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.4
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
FD048690.D	1	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	2.23		0.38	0.84	mg/kg
Aromatic C12-C16	Aromatic C12-C16	4.54		0.43	1.26	mg/kg
Aromatic C16-C21	Aromatic C16-C21	16.3		1.21	2.10	mg/kg
Aromatic C21-C36	Aromatic C21-C36	10.3		2.52	3.36	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	63.5		40 - 140	127%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.6		40 - 140	109%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.8		40 - 140	70%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-06	Acq On:	11 Nov 2024 09:48
Client Sample ID:	EX-11-TPH-3	Operator:	YP/AJ
Data file:	FD048690.D	Misc:	
Instrument:	FID_D	ALS Vial:	56
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.090	5.808	4692693	26.632	200	ug/ml
Aromatic C12-C16	5.809	8.414	9599345	54.15	300	ug/ml
Aromatic C16-C21	8.415	12.677	31763754	193.879	500	ug/ml
Aromatic C21-C36	12.678	18.084	18707897	122.504	800	ug/ml
Aromatic EPH	4.090	18.084	64763689	397.165		ug/ml
2-Bromonaphthalene (SURRE)	7.370	7.370	9645668	63.55		ug/ml
2-Fluorobiphenyl (SURRE)	8.219	8.219	5357280	54.56		ug/ml
ortho-Terphenyl (SURRE)	11.255	11.255	5923993	34.78		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-3DL	SDG No.:	P4721
Lab Sample ID:	P4721-06DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.4
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
FE051141.D	2	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	7.34		0.96	2.52	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	23.4		0.60	1.68	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	24.4		0.76	2.52	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	3.60		2.01	3.36	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.7		4.53	5.03	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	18.0		40 - 140	72%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-06DL	Acq On:	11 Nov 2024 11:11
Client Sample ID:	EX-11-TPH-3DL	Operator:	YP\AJ
Data file:	FE051141.D	Misc:	
Instrument:	FID_E	ALS Vial:	9
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.140	22.059	58411820	425.939		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.287	13.287	2047221	18.03		ug/ml
Aliphatic C9-C12	3.140	6.760	6123699	43.767	300	ug/ml
Aliphatic C12-C16	6.761	10.193	19627135	139.56	200	ug/ml
Aliphatic C16-C21	10.194	13.553	20059819	145.606	300	ug/ml
Aliphatic C21-C28	13.554	17.209	2878039	21.486	400	ug/ml
Aliphatic C28-C40	17.210	22.059	9723128	75.52	600	ug/ml
Aliphatic C9-C28	3.140	17.209	48688692	350.419	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-4	SDG No.:	P4721
Lab Sample ID:	P4721-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
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
11/08/24 08:47	11/11/24 11:41	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	205		20	8.85	23.3	mg/kg FE051142.D
Aliphatic C12-C16	Aliphatic C12-C16	771		100	28.0	77.7	mg/kg FE051143.D
Aliphatic C16-C21	Aliphatic C16-C21	520		100	35.0	116	mg/kg FE051143.D
Aliphatic C21-C28	Aliphatic C21-C28	128		20	18.6	31.1	mg/kg FE051142.D
Aliphatic C28-C40	Aliphatic C28-C40	150		20	41.9	46.6	mg/kg FE051142.D
Aromatic C10-C12	Aromatic C10-C12	72.6		5	1.75	3.88	mg/kg FF014992.D
Aromatic C12-C16	Aromatic C12-C16	347		20	7.92	23.3	mg/kg FF014993.D
Aromatic C16-C21	Aromatic C16-C21	682		20	22.4	38.8	mg/kg FF014993.D
Aromatic C21-C36	Aromatic C21-C36	100		5	11.7	15.5	mg/kg FF014992.D
Total AliphaticEPH	Total AliphaticEPH	1770			132	295	mg/kg
Total AromaticEPH	Total AromaticEPH	1200			43.8	81.5	mg/kg
Total EPH	Total EPH	2980			176	376	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-4		SDG No.:	P4721	
Lab Sample ID:	P4721-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.6	
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
FE051129.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	181	E	0.44	1.17	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	637	E	0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	474	E	0.35	1.17	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	160	E	0.93	1.55	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	154	E	2.10	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.4		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:	P4721-07	Acq On:	08 Nov 2024 20:38
Client Sample ID:	EX-11-TPH-4	Operator:	YP\AJ
Data file:	FE051129.D	Misc:	
Instrument:	FID_E	ALS Vial:	29
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	327655822	2340	300	ug/ml
Aliphatic C12-C16	6.759	10.191	1154413354	8210	200	ug/ml
Aliphatic C16-C21	10.192	13.550	841947349	6110	300	ug/ml
Aliphatic C21-C28	13.551	17.206	276801433	2070	400	ug/ml
Aliphatic C28-C40	17.207	22.053	256352039	1990	600	ug/ml
Aliphatic EPH	3.140	22.053	2857169997	20700		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.295	13.295	4929156	43.42		ug/ml
Aliphatic C9-C28	3.140	17.206	2600817958	18700	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-4	SDG No.:	P4721
Lab Sample ID:	P4721-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
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
FF014977.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	60.9	E	0.35	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	250	E	0.40	1.17	mg/kg
Aromatic C16-C21	Aromatic C16-C21	556	E	1.12	1.94	mg/kg
Aromatic C21-C36	Aromatic C21-C36	105	E	2.33	3.11	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	81.6		40 - 140	163%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	73.4		40 - 140	147%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	50.3		40 - 140	101%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-07	Acq On:	08 Nov 2024 18:27
Client Sample ID:	EX-11-TPH-4	Operator:	YP\AJ
Data file:	FF014977.D	Misc:	
Instrument:	FID_F	ALS Vial:	65
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	121177108	783.967	200	ug/ml
Aromatic C12-C16	6.366	8.961	495658655	3230	300	ug/ml
Aromatic C16-C21	8.962	13.378	1018610390	7170	500	ug/ml
Aromatic C21-C36	13.379	18.826	187503556	1360	800	ug/ml
Aromatic EPH	4.496	18.826	1822949709	12500		ug/ml
2-Bromonaphthalene (SURR)	8.004	8.004	10855842	81.57		ug/ml
2-Fluorobiphenyl (SURR)	8.886	8.886	6548179	73.42		ug/ml
ortho-Terphenyl (SURR)	11.951	11.951	7404197	50.27		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-11-TPH-4DL		SDG No.:	P4721	
Lab Sample ID:	P4721-07DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.6	
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
FE051142.D	20	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	205		8.85	23.3	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	730	E	5.59	15.5	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	517	E	6.99	23.3	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	128		18.6	31.1	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	150		41.9	46.6	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	2.58		40 - 140	103%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-07DL	Acq On:	11 Nov 2024 11:41
Client Sample ID:	EX-11-TPH-4DL	Operator:	YP\AJ
Data file:	FE051142.D	Misc:	
Instrument:	FID_E	ALS Vial:	10
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.140	22.059	154070095	1120		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.287	13.287	292491	2.58		ug/ml
Aliphatic C9-C12	3.140	6.760	18512408	132.312	300	ug/ml
Aliphatic C12-C16	6.761	10.193	66112894	470.101	200	ug/ml
Aliphatic C16-C21	10.194	13.553	45913064	333.264	300	ug/ml
Aliphatic C21-C28	13.554	17.209	11095914	82.835	400	ug/ml
Aliphatic C28-C40	17.210	22.059	12435815	96.59	600	ug/ml
Aliphatic C9-C28	3.140	17.209	141634280	1020	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-4DL	SDG No.:	P4721
Lab Sample ID:	P4721-07DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
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
FF014992.D	5	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	72.6		1.75	3.88	mg/kg
Aromatic C12-C16	Aromatic C12-C16	316	E	1.98	5.83	mg/kg
Aromatic C16-C21	Aromatic C16-C21	621	E	5.59	9.71	mg/kg
Aromatic C21-C36	Aromatic C21-C36	100		11.7	15.5	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	18.3		40 - 140	183%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	16.5		40 - 140	165%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	11.2		40 - 140	112%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-07DL	Acq On:	11 Nov 2024 10:50
Client Sample ID:	EX-11-TPH-4DL	Operator:	YP\AJ
Data file:	FF014992.D	Misc:	
Instrument:	FID_F	ALS Vial:	62
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.510	6.375	28884812	186.873	200	ug/ml
Aromatic C12-C16	6.376	9.068	125322653	816.111	300	ug/ml
Aromatic C16-C21	9.069	13.383	227459221	1600	500	ug/ml
Aromatic C21-C36	13.384	18.828	35525704	257.356	800	ug/ml
Aromatic EPH	4.510	18.828	417192390	2860		ug/ml
ortho-Terphenyl (SURR)	11.933	11.933	1653293	11.22		ug/ml
2-Bromonaphthalene (SURR)	7.994	7.994	2432412	18.28		ug/ml
2-Fluorobiphenyl (SURR)	8.870	8.870	1469689	16.48		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-4DL2	SDG No.:	P4721
Lab Sample ID:	P4721-07DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
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
FE051143.D	100	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	207		44.3	116	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	771		28.0	77.7	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	520		35.0	116	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	117	J	93.2	155	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	96.4	J	209	233	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:	P4721-07DL2	Acq On:	11 Nov 2024 12:11
Client Sample ID:	EX-11-TPH-4DL2	Operator:	YP\AJ
Data file:	FE051143.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	3.140	22.059	30559016	220.566		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	3.140	6.760	3731247	26.668	300	ug/ml
Aliphatic C12-C16	6.761	10.193	13961208	99.272	200	ug/ml
Aliphatic C16-C21	10.194	13.553	9239336	67.064	300	ug/ml
Aliphatic C21-C28	13.554	17.209	2028793	15.146	400	ug/ml
Aliphatic C28-C40	17.210	22.059	1598432	12.415	600	ug/ml
Aliphatic C9-C28	3.140	17.209	28960584	208.15	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-11-TPH-4DL2	SDG No.:	P4721
Lab Sample ID:	P4721-07DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.6
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
FF014993.D	20	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	84.7		6.99	15.5	mg/kg
Aromatic C12-C16	Aromatic C12-C16	347		7.92	23.3	mg/kg
Aromatic C16-C21	Aromatic C16-C21	682		22.4	38.8	mg/kg
Aromatic C21-C36	Aromatic C21-C36	82.8		46.6	62.1	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	5.20		40 - 140	208%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	4.69		40 - 140	188%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.91		40 - 140	116%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-07DL2	Acq On:	11 Nov 2024 11:18
Client Sample ID:	EX-11-TPH-4DL2	Operator:	YP\AJ
Data file:	FF014993.D	Misc:	
Instrument:	FID_F	ALS Vial:	63
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.510	6.375	8424653	54.504	200	ug/ml
Aromatic C12-C16	6.376	9.068	34328934	223.553	300	ug/ml
Aromatic C16-C21	9.069	13.383	62422227	439.295	500	ug/ml
Aromatic C21-C36	13.384	18.828	7360782	53.323	800	ug/ml
Aromatic EPH	4.510	18.828	112536596	770.675		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	691985	5.2		ug/ml
2-Fluorobiphenyl (SURR)	8.867	8.867	418524	4.69		ug/ml
ortho-Terphenyl (SURR)	11.928	11.928	428992	2.91		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.7
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/08/24 21:08	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.59	J	1	0.45	1.19	mg/kg	FE051130.D
Aliphatic C12-C16	Aliphatic C12-C16	1.06		1	0.29	0.80	mg/kg	FE051130.D
Aliphatic C16-C21	Aliphatic C16-C21	0.77	J	1	0.36	1.19	mg/kg	FE051130.D
Aliphatic C21-C28	Aliphatic C21-C28	1.14	J	1	0.95	1.59	mg/kg	FE051130.D
Aliphatic C28-C40	Aliphatic C28-C40	19.4		1	2.15	2.38	mg/kg	FE051130.D
Aromatic C10-C12	Aromatic C10-C12	0.43	J	1	0.36	0.80	mg/kg	FF014978.D
Aromatic C12-C16	Aromatic C12-C16	0.64	J	1	0.41	1.19	mg/kg	FF014978.D
Aromatic C16-C21	Aromatic C16-C21	7.11		1	1.14	1.99	mg/kg	FF014978.D
Aromatic C21-C36	Aromatic C21-C36	2.45	J	1	2.38	3.18	mg/kg	FF014978.D
Total AliphaticEPH	Total AliphaticEPH	23.0			4.20	7.14	mg/kg	
Total AromaticEPH	Total AromaticEPH	10.6			4.28	7.16	mg/kg	
Total EPH	Total EPH	33.6			8.48	14.3	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-1		SDG No.:	P4721	
Lab Sample ID:	P4721-08		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.7	
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
FE051130.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.59	J	0.45	1.19	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.06		0.29	0.80	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.77	J	0.36	1.19	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.14	J	0.95	1.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	19.4		2.15	2.38	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.2		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-08	Acq On:	08 Nov 2024 21:08
Client Sample ID:	EX-9-TPH-1	Operator:	YP\AJ
Data file:	FE051130.D	Misc:	
Instrument:	FID_E	ALS Vial:	30
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	1044197	7.463	300	ug/ml
Aliphatic C12-C16	6.759	10.191	1881201	13.376	200	ug/ml
Aliphatic C16-C21	10.192	13.550	1332302	9.671	300	ug/ml
Aliphatic C21-C28	13.551	17.206	1916409	14.307	400	ug/ml
Aliphatic C28-C40	17.207	22.053	31452685	244.296	600	ug/ml
Aliphatic EPH	3.140	22.053	37626794	289.113		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.285	13.285	4220598	37.18		ug/ml
Aliphatic C9-C28	3.140	17.206	6174109	44.817	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-1	SDG No.:	P4721
Lab Sample ID:	P4721-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.7
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
FF014978.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.43	J	0.36	0.80	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.64	J	0.41	1.19	mg/kg
Aromatic C16-C21	Aromatic C16-C21	7.11		1.14	1.99	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.45	J	2.38	3.18	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	62.9		40 - 140	126%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	59.9		40 - 140	120%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.5		40 - 140	77%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-08	Acq On:	08 Nov 2024 18:55
Client Sample ID:	EX-9-TPH-1	Operator:	YP\AJ
Data file:	FF014978.D	Misc:	
Instrument:	FID_F	ALS Vial:	66
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	837201	5.416	200	ug/ml
Aromatic C12-C16	6.366	8.961	1231631	8.02	300	ug/ml
Aromatic C16-C21	8.962	13.378	12720234	89.518	500	ug/ml
Aromatic C21-C36	13.379	18.826	4253693	30.815	800	ug/ml
Aromatic EPH	4.496	18.826	19042759	133.77		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	8373036	62.92		ug/ml
2-Fluorobiphenyl (SURR)	8.871	8.871	5337555	59.85		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	5677772	38.55		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.5
Sample Wt/Vol:	30.05	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/08/24 21:39	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	1.41		1	0.44	1.17	mg/kg FE051131.D
Aliphatic C12-C16	Aliphatic C12-C16	2.33		1	0.28	0.78	mg/kg FE051131.D
Aliphatic C16-C21	Aliphatic C16-C21	1.48		1	0.35	1.17	mg/kg FE051131.D
Aliphatic C21-C28	Aliphatic C21-C28	0.93	U	1	0.93	1.56	mg/kg FE051131.D
Aliphatic C28-C40	Aliphatic C28-C40	12.1		1	2.10	2.34	mg/kg FE051131.D
Aromatic C10-C12	Aromatic C10-C12	0.65	J	1	0.35	0.78	mg/kg FF014979.D
Aromatic C12-C16	Aromatic C12-C16	1.23		1	0.40	1.17	mg/kg FF014979.D
Aromatic C16-C21	Aromatic C16-C21	3.88		1	1.12	1.95	mg/kg FF014979.D
Aromatic C21-C36	Aromatic C21-C36	2.34	U	1	2.34	3.11	mg/kg FF014979.D
Total AliphaticEPH	Total AliphaticEPH	17.3			4.11	7.02	mg/kg
Total AromaticEPH	Total AromaticEPH	5.76	J		4.21	7.01	mg/kg
Total EPH	Total EPH	23.1			8.31	14.0	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-2	SDG No.:	P4721
Lab Sample ID:	P4721-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.5
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
FE051131.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1.41		0.44	1.17	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.33		0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	1.48		0.35	1.17	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.93	U	0.93	1.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.1		2.10	2.34	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.2		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-09	Acq On:	08 Nov 2024 21:39
Client Sample ID:	EX-9-TPH-2	Operator:	YP\AJ
Data file:	FE051131.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	3.140	6.758	2533407	18.107	300	ug/ml
Aliphatic C12-C16	6.759	10.191	4201651	29.876	200	ug/ml
Aliphatic C16-C21	10.192	13.550	2626518	19.065	300	ug/ml
Aliphatic C21-C28	13.551	17.206	1308801	9.771	400	ug/ml
Aliphatic C28-C40	17.207	22.053	20051290	155.74	600	ug/ml
Aliphatic EPH	3.140	22.053	30721667	232.559		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.285	13.285	4332840	38.16		ug/ml
Aliphatic C9-C28	3.140	17.206	10670377	76.819	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-2		SDG No.:	P4721	
Lab Sample ID:	P4721-09		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.5	
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
FF014979.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.65	J	0.35	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	1.23		0.40	1.17	mg/kg
Aromatic C16-C21	Aromatic C16-C21	3.88		1.12	1.95	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.34	U	2.34	3.11	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	61.9		40 - 140	124%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	60.5		40 - 140	121%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.8		40 - 140	72%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-09	Acq On:	08 Nov 2024 19:24
Client Sample ID:	EX-9-TPH-2	Operator:	YP\AJ
Data file:	FF014979.D	Misc:	
Instrument:	FID_F	ALS Vial:	67
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	1284489	8.31	200	ug/ml
Aromatic C12-C16	6.366	8.961	2422728	15.777	300	ug/ml
Aromatic C16-C21	8.962	13.378	7076617	49.802	500	ug/ml
Aromatic C21-C36	13.379	18.826	2814884	20.392	800	ug/ml
Aromatic EPH	4.496	18.826	13598718	94.28		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	8243138	61.94		ug/ml
2-Fluorobiphenyl (SURR)	8.871	8.871	5392547	60.46		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	5270630	35.78		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-3		SDG No.:	P4721	
Lab Sample ID:	P4721-10		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.2	
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
11/08/24 08:47	11/08/24 19:38	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	3.43		1	0.45	1.17	mg/kg	FE051127.D
Aliphatic C12-C16	Aliphatic C12-C16	10.9		1	0.28	0.78	mg/kg	FE051127.D
Aliphatic C16-C21	Aliphatic C16-C21	8.32		1	0.35	1.17	mg/kg	FE051127.D
Aliphatic C21-C28	Aliphatic C21-C28	0.96	J	1	0.94	1.56	mg/kg	FE051127.D
Aliphatic C28-C40	Aliphatic C28-C40	11.2		1	2.11	2.35	mg/kg	FE051127.D
Aromatic C10-C12	Aromatic C10-C12	1.34		1	0.35	0.78	mg/kg	FF014980.D
Aromatic C12-C16	Aromatic C12-C16	8.39		1	0.40	1.17	mg/kg	FF014980.D
Aromatic C16-C21	Aromatic C16-C21	14.1		1	1.13	1.95	mg/kg	FF014980.D
Aromatic C21-C36	Aromatic C21-C36	2.35	U	1	2.35	3.13	mg/kg	FF014980.D
Total AliphaticEPH	Total AliphaticEPH	34.8			4.13	7.03	mg/kg	
Total AromaticEPH	Total AromaticEPH	23.8			4.23	7.03	mg/kg	
Total EPH	Total EPH	58.6			8.36	14.1	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-3	SDG No.:	P4721
Lab Sample ID:	P4721-10	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.2
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
FE051127.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	3.43		0.45	1.17	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	10.9		0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.32		0.35	1.17	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.96	J	0.94	1.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.2		2.11	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.7		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-10	Acq On:	08 Nov 2024 19:38
Client Sample ID:	EX-9-TPH-3	Operator:	YP\AJ
Data file:	FE051127.D	Misc:	
Instrument:	FID_E	ALS Vial:	27
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.140	6.758	6147416	43.937	300	ug/ml
Aliphatic C12-C16	6.759	10.191	19558473	139.072	200	ug/ml
Aliphatic C16-C21	10.192	13.550	14656994	106.389	300	ug/ml
Aliphatic C21-C28	13.551	17.206	1635832	12.212	400	ug/ml
Aliphatic C28-C40	17.207	22.053	18478011	143.52	600	ug/ml
Aliphatic EPH	3.140	22.053	60476726	445.13		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.286	13.286	3707687	32.66		ug/ml
Aliphatic C9-C28	3.140	17.206	41998715	301.61	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-3		SDG No.:	P4721	
Lab Sample ID:	P4721-10		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.2	
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
FF014980.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	1.34		0.35	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.39		0.40	1.17	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.1		1.13	1.95	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.35	U	2.35	3.13	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	54.4		40 - 140	109%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	54.0		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.4		40 - 140	67%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-10	Acq On:	08 Nov 2024 19:52
Client Sample ID:	EX-9-TPH-3	Operator:	YP\AJ
Data file:	FF014980.D	Misc:	
Instrument:	FID_F	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	2644125	17.106	200	ug/ml
Aromatic C12-C16	6.366	8.961	16475329	107.289	300	ug/ml
Aromatic C16-C21	8.962	13.378	25648683	180.502	500	ug/ml
Aromatic C21-C36	13.379	18.826	3546762	25.694	800	ug/ml
Aromatic EPH	4.496	18.826	48314899	330.591		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	7241706	54.42		ug/ml
2-Fluorobiphenyl (SURR)	8.870	8.870	4814895	53.99		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	4919018	33.4		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-4	SDG No.:	P4721
Lab Sample ID:	P4721-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.4
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
11/08/24 08:47	11/11/24 10:22	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	46.0		10	4.25	11.2	mg/kg FG014724.D
Aliphatic C12-C16	Aliphatic C12-C16	69.0		10	2.68	7.45	mg/kg FG014724.D
Aliphatic C16-C21	Aliphatic C16-C21	8.99		1	0.34	1.12	mg/kg FG014713.D
Aliphatic C21-C28	Aliphatic C21-C28	1.19	J	1	0.89	1.49	mg/kg FG014713.D
Aliphatic C28-C40	Aliphatic C28-C40	2.43		1	2.01	2.24	mg/kg FG014713.D
Aromatic C10-C12	Aromatic C10-C12	10.4		1	0.34	0.75	mg/kg FF014981.D
Aromatic C12-C16	Aromatic C12-C16	20.8		1	0.38	1.12	mg/kg FF014981.D
Aromatic C16-C21	Aromatic C16-C21	14.3		1	1.07	1.86	mg/kg FF014981.D
Aromatic C21-C36	Aromatic C21-C36	2.24	U	1	2.24	2.98	mg/kg FF014981.D
Total AliphaticEPH	Total AliphaticEPH	128			10.2	23.5	mg/kg
Total AromaticEPH	Total AromaticEPH	45.5			4.03	6.71	mg/kg
Total EPH	Total EPH	173			14.2	30.2	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-4		SDG No.:	P4721	
Lab Sample ID:	P4721-11		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.4	
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
FG014713.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	44.6	E	0.43	1.12	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	67.5	E	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.99		0.34	1.12	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.19	J	0.89	1.49	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.43		2.01	2.24	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.0		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:	P4721-11	Acq On:	08 Nov 2024 16:34
Client Sample ID:	EX-9-TPH-4	Operator:	YP\AJ
Data file:	FG014713.D	Misc:	
Instrument:	FID_G	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.223	6.844	78571995	598.228	300	ug/ml
Aliphatic C12-C16	6.845	10.289	123016591	905.72	200	ug/ml
Aliphatic C16-C21	10.290	13.661	17037426	120.618	300	ug/ml
Aliphatic C21-C28	13.662	17.327	2241040	15.941	400	ug/ml
Aliphatic C28-C40	17.328	22.264	3453190	32.674	600	ug/ml
Aliphatic EPH	3.223	22.264	224320242	1670		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.395	13.395	5162691	42.04		ug/ml
Aliphatic C9-C28	3.223	17.327	220867052	1640	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-4	SDG No.:	P4721
Lab Sample ID:	P4721-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.4
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
FF014981.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	10.4		0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	20.8		0.38	1.12	mg/kg
Aromatic C16-C21	Aromatic C16-C21	14.3		1.07	1.86	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.24	U	2.24	2.98	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	62.6		40 - 140	125%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	60.8		40 - 140	122%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.1		40 - 140	82%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-11	Acq On:	08 Nov 2024 20:20
Client Sample ID:	EX-9-TPH-4	Operator:	YP\AJ
Data file:	FF014981.D	Misc:	
Instrument:	FID_F	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	21486127	139.006	200	ug/ml
Aromatic C12-C16	6.366	8.961	42875315	279.207	300	ug/ml
Aromatic C16-C21	8.962	13.378	27177959	191.264	500	ug/ml
Aromatic C21-C36	13.379	18.826	3696033	26.775	800	ug/ml
Aromatic EPH	4.496	18.826	95235434	636.253		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	8331128	62.6		ug/ml
2-Fluorobiphenyl (SURR)	8.872	8.872	5426343	60.84		ug/ml
ortho-Terphenyl (SURR)	11.932	11.932	6054973	41.11		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-4DL	SDG No.:	P4721
Lab Sample ID:	P4721-11DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.4
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
FG014724.D	10	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	46.0		4.25	11.2	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	69.0		2.68	7.45	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	8.38	J	3.35	11.2	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	8.94	U	8.94	14.9	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	20.1	U	20.1	22.4	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.17		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-11DL	Acq On:	11 Nov 2024 10:22
Client Sample ID:	EX-9-TPH-4DL	Operator:	YP\AJ
Data file:	FG014724.D	Misc:	
Instrument:	FID_G	ALS Vial:	15
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic EPH	3.223	22.254	22945698	170.799		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.390	13.390	511442	4.17		ug/ml
Aliphatic C9-C12	3.223	6.843	8104252	61.704	300	ug/ml
Aliphatic C12-C16	6.844	10.286	12571148	92.556	200	ug/ml
Aliphatic C16-C21	10.287	13.658	1588090	11.243	300	ug/ml
Aliphatic C21-C28	13.659	17.322	493412	3.51	400	ug/ml
Aliphatic C28-C40	17.323	22.254	188796	1.786	600	ug/ml
Aliphatic C9-C28	3.223	17.322	22756902	169.013	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-5		SDG No.:	P4721	
Lab Sample ID:	P4721-12		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.9	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/08/24 17:02	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.44	J	1	0.44	1.15	mg/kg	FG014714.D
Aliphatic C12-C16	Aliphatic C12-C16	0.61	J	1	0.28	0.77	mg/kg	FG014714.D
Aliphatic C16-C21	Aliphatic C16-C21	0.35	U	1	0.35	1.15	mg/kg	FG014714.D
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	1	0.92	1.53	mg/kg	FG014714.D
Aliphatic C28-C40	Aliphatic C28-C40	2.07	U	1	2.07	2.30	mg/kg	FG014714.D
Aromatic C10-C12	Aromatic C10-C12	0.35	J	1	0.35	0.77	mg/kg	FF014982.D
Aromatic C12-C16	Aromatic C12-C16	0.45	J	1	0.39	1.15	mg/kg	FF014982.D
Aromatic C16-C21	Aromatic C16-C21	2.42		1	1.10	1.91	mg/kg	FF014982.D
Aromatic C21-C36	Aromatic C21-C36	2.30	U	1	2.30	3.06	mg/kg	FF014982.D
Total AliphaticEPH	Total AliphaticEPH	4.05	U		4.05	6.90	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.13	U		4.13	6.89	mg/kg	
Total EPH	Total EPH	8.18	U		8.18	13.8	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-5		SDG No.:	P4721	
Lab Sample ID:	P4721-12		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.9	
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
FG014714.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.44	J	0.44	1.15	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.61	J	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.35	U	0.35	1.15	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	0.92	1.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.07	U	2.07	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.9		40 - 140	70%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-12	Acq On:	08 Nov 2024 17:02
Client Sample ID:	EX-9-TPH-5	Operator:	YP\AJ
Data file:	FG014714.D	Misc:	
Instrument:	FID_G	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.223	6.844	751961	5.725	300	ug/ml
Aliphatic C12-C16	6.845	10.289	1079282	7.946	200	ug/ml
Aliphatic C16-C21	10.290	13.661	616820	4.367	300	ug/ml
Aliphatic C21-C28	13.662	17.327	516026	3.671	400	ug/ml
Aliphatic C28-C40	17.328	22.264	2638403	24.964	600	ug/ml
Aliphatic EPH	3.223	22.264	5602492	46.673		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.391	13.391	4278741	34.85		ug/ml
Aliphatic C9-C28	3.223	17.327	2964089	21.709	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-5	SDG No.:	P4721
Lab Sample ID:	P4721-12	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.9
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
FF014982.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.35	J	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.45	J	0.39	1.15	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.42		1.10	1.91	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.30	U	2.30	3.06	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	51.0		40 - 140	102%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	49.7		40 - 140	99%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.6		40 - 140	63%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-12	Acq On:	08 Nov 2024 20:49
Client Sample ID:	EX-9-TPH-5	Operator:	YP\AJ
Data file:	FF014982.D	Misc:	
Instrument:	FID_F	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	710067	4.594	200	ug/ml
Aromatic C12-C16	6.366	8.961	899352	5.857	300	ug/ml
Aromatic C16-C21	8.962	13.378	4484950	31.563	500	ug/ml
Aromatic C21-C36	13.379	18.826	3004399	21.765	800	ug/ml
Aromatic EPH	4.496	18.826	9098768	63.778		ug/ml
2-Bromonaphthalene (SURRE)	7.995	7.995	6788370	51.01		ug/ml
2-Fluorobiphenyl (SURRE)	8.869	8.869	4428729	49.66		ug/ml
ortho-Terphenyl (SURRE)	11.930	11.930	4658557	31.63		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-6		SDG No.:	P4721	
Lab Sample ID:	P4721-13		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.6	
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
11/08/24 08:47	11/08/24 17:30	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.63	J	1	0.45	1.20	mg/kg	FG014715.D
Aliphatic C12-C16	Aliphatic C12-C16	0.90		1	0.29	0.80	mg/kg	FG014715.D
Aliphatic C16-C21	Aliphatic C16-C21	0.60	J	1	0.36	1.20	mg/kg	FG014715.D
Aliphatic C21-C28	Aliphatic C21-C28	0.96	U	1	0.96	1.59	mg/kg	FG014715.D
Aliphatic C28-C40	Aliphatic C28-C40	2.15	U	1	2.15	2.39	mg/kg	FG014715.D
Aromatic C10-C12	Aromatic C10-C12	0.49	J	1	0.36	0.80	mg/kg	FF014983.D
Aromatic C12-C16	Aromatic C12-C16	0.60	J	1	0.41	1.20	mg/kg	FF014983.D
Aromatic C16-C21	Aromatic C16-C21	2.27		1	1.15	1.99	mg/kg	FF014983.D
Aromatic C21-C36	Aromatic C21-C36	2.39	U	1	2.39	3.19	mg/kg	FF014983.D
Total AliphaticEPH	Total AliphaticEPH	4.21	U		4.21	7.18	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.30	U		4.30	7.18	mg/kg	
Total EPH	Total EPH	8.51	U		8.51	14.4	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-6		SDG No.:	P4721	
Lab Sample ID:	P4721-13		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.6	
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
FG014715.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.63	J	0.45	1.20	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	0.90		0.29	0.80	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.60	J	0.36	1.20	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.96	U	0.96	1.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.15	U	2.15	2.39	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.5		40 - 140	51%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-13	Acq On:	08 Nov 2024 17:30
Client Sample ID:	EX-9-TPH-6	Operator:	YP\AJ
Data file:	FG014715.D	Misc:	
Instrument:	FID_G	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.223	6.844	1032781	7.863	300	ug/ml
Aliphatic C12-C16	6.845	10.289	1531457	11.275	200	ug/ml
Aliphatic C16-C21	10.290	13.661	1061236	7.513	300	ug/ml
Aliphatic C21-C28	13.662	17.327	592988	4.218	400	ug/ml
Aliphatic C28-C40	17.328	22.264	2439448	23.082	600	ug/ml
Aliphatic EPH	3.223	22.264	6657910	53.952		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.390	13.390	3132365	25.51		ug/ml
Aliphatic C9-C28	3.223	17.327	4218462	30.869	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-6	SDG No.:	P4721
Lab Sample ID:	P4721-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.6
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
FF014983.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.49	J	0.36	0.80	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.60	J	0.41	1.20	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.27		1.15	1.99	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.39	U	2.39	3.19	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	42.2		40 - 140	84%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.5		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	21.1		40 - 140	42%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-13	Acq On:	08 Nov 2024 21:17
Client Sample ID:	EX-9-TPH-6	Operator:	YP\AJ
Data file:	FF014983.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	958574	6.202	200	ug/ml
Aromatic C12-C16	6.366	8.961	1153015	7.509	300	ug/ml
Aromatic C16-C21	8.962	13.378	4046021	28.474	500	ug/ml
Aromatic C21-C36	13.379	18.826	2523675	18.282	800	ug/ml
Aromatic EPH	4.496	18.826	8681285	60.466		ug/ml
2-Bromonaphthalene (SURR)	7.994	7.994	5614472	42.19		ug/ml
2-Fluorobiphenyl (SURR)	8.869	8.869	3790854	42.5		ug/ml
ortho-Terphenyl (SURR)	11.929	11.929	3112087	21.13		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-7	SDG No.:	P4721
Lab Sample ID:	P4721-14	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
11/08/24 08:47	11/11/24 10:50	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	344		25	10.9	28.8	mg/kg FG014725.D
Aliphatic C12-C16	Aliphatic C12-C16	300		25	6.90	19.2	mg/kg FG014725.D
Aliphatic C16-C21	Aliphatic C16-C21	21.0		1	0.35	1.15	mg/kg FG014716.D
Aliphatic C21-C28	Aliphatic C21-C28	1.03	J	1	0.92	1.53	mg/kg FG014716.D
Aliphatic C28-C40	Aliphatic C28-C40	2.07	U	1	2.07	2.30	mg/kg FG014716.D
Aromatic C10-C12	Aromatic C10-C12	531		50	17.3	38.4	mg/kg FF014995.D
Aromatic C12-C16	Aromatic C12-C16	230		50	19.6	57.5	mg/kg FF014995.D
Aromatic C16-C21	Aromatic C16-C21	49.6		2	2.21	3.84	mg/kg FF014994.D
Aromatic C21-C36	Aromatic C21-C36	2.30	U	1	2.30	3.07	mg/kg FF014984.D
Total AliphaticEPH	Total AliphaticEPH	666			21.1	53.0	mg/kg
Total AromaticEPH	Total AromaticEPH	811			41.4	103	mg/kg
Total EPH	Total EPH	1480			62.5	156	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-7		SDG No.:	P4721	
Lab Sample ID:	P4721-14		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.8	
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
FG014716.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	303	E	0.44	1.15	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	263	E	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	21.0		0.35	1.15	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1.03	J	0.92	1.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.07	U	2.07	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.2		40 - 140	44%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-14	Acq On:	08 Nov 2024 17:59
Client Sample ID:	EX-9-TPH-7	Operator:	YP\AJ
Data file:	FG014716.D	Misc:	
Instrument:	FID_G	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.223	6.844	519785212	3960	300	ug/ml
Aliphatic C12-C16	6.845	10.289	467014804	3440	200	ug/ml
Aliphatic C16-C21	10.290	13.661	38631816	273.498	300	ug/ml
Aliphatic C21-C28	13.662	17.327	1895669	13.485	400	ug/ml
Aliphatic C28-C40	17.328	22.264	505726	4.785	600	ug/ml
Aliphatic EPH	3.223	22.264	1027833227	7690		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.391	13.391	2726684	22.21		ug/ml
Aliphatic C9-C28	3.223	17.327	1027327501	7680	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-7		SDG No.:	P4721	
Lab Sample ID:	P4721-14		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.8	
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
FF014984.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	380	E	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	180	E	0.39	1.15	mg/kg
Aromatic C16-C21	Aromatic C16-C21	48.9	E	1.10	1.92	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.30	U	2.30	3.07	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	66.6		40 - 140	133%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	61.5		40 - 140	123%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.4		40 - 140	53%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-14	Acq On:	08 Nov 2024 21:45
Client Sample ID:	EX-9-TPH-7	Operator:	YP\AJ
Data file:	FF014984.D	Misc:	
Instrument:	FID_F	ALS Vial:	72
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	767676576	4970	200	ug/ml
Aromatic C12-C16	6.366	8.961	361270134	2350	300	ug/ml
Aromatic C16-C21	8.962	13.378	90512075	636.977	500	ug/ml
Aromatic C21-C36	13.379	18.826	3850024	27.89	800	ug/ml
Aromatic EPH	4.496	18.826	1223308809	7980		ug/ml
2-Bromonaphthalene (SURR)	8.000	8.000	8865715	66.62		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	5486583	61.52		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	3895106	26.45		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-7DL	SDG No.:	P4721
Lab Sample ID:	P4721-14DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
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
FG014725.D	25	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	344		10.9	28.8	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	300		6.90	19.2	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	14.5	J	8.63	28.8	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	23.0	U	23.0	38.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	51.8	U	51.8	57.5	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.09		40 - 140	54%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-14DL	Acq On:	11 Nov 2024 10:50
Client Sample ID:	EX-9-TPH-7DL	Operator:	YP\AJ
Data file:	FG014725.D	Misc:	
Instrument:	FID_G	ALS Vial:	16
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.223	6.843	23583396	179.558	300	ug/ml
Aliphatic C12-C16	6.844	10.286	21254997	156.492	200	ug/ml
Aliphatic C16-C21	10.287	13.658	1071227	7.584	300	ug/ml
Aliphatic C21-C28	13.659	17.322	160229	1.14	400	ug/ml
Aliphatic C28-C40	17.323	22.254	87243	0.825	600	ug/ml
Aliphatic EPH	3.223	22.254	46157092	345.599		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.388	13.388	134350	1.09		ug/ml
Aliphatic C9-C28	3.223	17.322	46069849	344.774	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-7DL	SDG No.:	P4721
Lab Sample ID:	P4721-14DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
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
FF014994.D	2	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	419	E	0.69	1.53	mg/kg
Aromatic C12-C16	Aromatic C12-C16	201	E	0.78	2.30	mg/kg
Aromatic C16-C21	Aromatic C16-C21	49.6		2.21	3.84	mg/kg
Aromatic C21-C36	Aromatic C21-C36	4.60	U	4.60	6.14	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	31.2		40 - 140	125%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	32.9		40 - 140	132%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	14.6		40 - 140	59%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-14DL	Acq On:	11 Nov 2024 11:47
Client Sample ID:	EX-9-TPH-7DL	Operator:	YP\AJ
Data file:	FF014994.D	Misc:	
Instrument:	FID_F	ALS Vial:	64
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.510	6.375	422253758	2730	200	ug/ml
Aromatic C12-C16	6.376	9.068	201831343	1310	300	ug/ml
Aromatic C16-C21	9.069	13.383	45906140	323.064	500	ug/ml
Aromatic C21-C36	13.384	18.828	1620663	11.74	800	ug/ml
Aromatic EPH	4.510	18.828	671611904	4380		ug/ml
2-Fluorobiphenyl (SURR)	8.872	8.872	2934204	32.9		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	2155152	14.63		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	4151663	31.2		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-7DL2	SDG No.:	P4721
Lab Sample ID:	P4721-14DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.8
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
FF014995.D	50	11/08/24	11/11/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	531		17.3	38.4	mg/kg
Aromatic C12-C16	Aromatic C12-C16	230		19.6	57.5	mg/kg
Aromatic C16-C21	Aromatic C16-C21	51.8	J	55.2	95.9	mg/kg
Aromatic C21-C36	Aromatic C21-C36	115	U	115	153	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	1.68		40 - 140	168%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	1.65		40 - 140	165%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.75		40 - 140	75%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-14DL2	Acq On:	11 Nov 2024 12:15
Client Sample ID:	EX-9-TPH-7DL2	Operator:	YP\AJ
Data file:	FF014995.D	Misc:	
Instrument:	FID_F	ALS Vial:	65
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.510	6.375	21414110	138.541	200	ug/ml
Aromatic C12-C16	6.376	9.068	9229697	60.104	300	ug/ml
Aromatic C16-C21	9.069	13.383	1917521	13.495	500	ug/ml
Aromatic C21-C36	13.384	18.828	443656	3.214	800	ug/ml
Aromatic EPH	4.510	18.828	33004984	215.354		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	222938	1.68		ug/ml
2-Fluorobiphenyl (SURR)	8.866	8.866	147380	1.65		ug/ml
ortho-Terphenyl (SURR)	11.928	11.928	110713	0.75		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-8		SDG No.:	P4721	
Lab Sample ID:	P4721-15		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.2	
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
11/08/24 08:47	11/08/24 18:27	PB164790

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.57	J	1	0.44	1.14	mg/kg	FG014717.D
Aliphatic C12-C16	Aliphatic C12-C16	2.42		1	0.27	0.76	mg/kg	FG014717.D
Aliphatic C16-C21	Aliphatic C16-C21	1.38		1	0.34	1.14	mg/kg	FG014717.D
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	1	0.92	1.52	mg/kg	FG014717.D
Aliphatic C28-C40	Aliphatic C28-C40	2.06	U	1	2.06	2.29	mg/kg	FG014717.D
Aromatic C10-C12	Aromatic C10-C12	0.37	J	1	0.34	0.76	mg/kg	FF014975.D
Aromatic C12-C16	Aromatic C12-C16	3.45		1	0.39	1.14	mg/kg	FF014975.D
Aromatic C16-C21	Aromatic C16-C21	2.84		1	1.10	1.91	mg/kg	FF014975.D
Aromatic C21-C36	Aromatic C21-C36	2.29	U	1	2.29	3.05	mg/kg	FF014975.D
Total AliphaticEPH	Total AliphaticEPH	4.38	J		4.03	6.85	mg/kg	
Total AromaticEPH	Total AromaticEPH	6.66	J		4.12	6.86	mg/kg	
Total EPH	Total EPH	11.0	J		8.15	13.7	mg/kg	

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT	Date Collected:	11/05/24
Project:	North Point	Date Received:	11/05/24
Client Sample ID:	EX-9-TPH-8	SDG No.:	P4721
Lab Sample ID:	P4721-15	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.2
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG014717.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.57	J	0.44	1.14	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.42		0.27	0.76	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	1.38		0.34	1.14	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.92	U	0.92	1.52	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.06	U	2.06	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.1		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4721-15	Acq On:	08 Nov 2024 18:27
Client Sample ID:	EX-9-TPH-8	Operator:	YP\AJ
Data file:	FG014717.D	Misc:	
Instrument:	FID_G	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.223	6.844	989774	7.536	300	ug/ml
Aliphatic C12-C16	6.845	10.289	4310591	31.737	200	ug/ml
Aliphatic C16-C21	10.290	13.661	2552299	18.069	300	ug/ml
Aliphatic C21-C28	13.662	17.327	766269	5.451	400	ug/ml
Aliphatic C28-C40	17.328	22.264	2681886	25.376	600	ug/ml
Aliphatic EPH	3.223	22.264	11300819	88.169		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.391	13.391	3447930	28.08		ug/ml
Aliphatic C9-C28	3.223	17.327	8618933	62.793	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	11/05/24	
Project:	North Point		Date Received:	11/05/24	
Client Sample ID:	EX-9-TPH-8		SDG No.:	P4721	
Lab Sample ID:	P4721-15		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	87.2	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF014975.D	1	11/08/24	11/08/24	PB164790

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.37	J	0.34	0.76	mg/kg
Aromatic C12-C16	Aromatic C12-C16	3.45		0.39	1.14	mg/kg
Aromatic C16-C21	Aromatic C16-C21	2.84		1.10	1.91	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.29	U	2.29	3.05	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	43.1		40 - 140	86%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	42.9		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	22.5		40 - 140	45%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P4721-15	Acq On:	08 Nov 2024 17:30
Client Sample ID:	EX-9-TPH-8	Operator:	YP\AJ
Data file:	FF014975.D	Misc:	
Instrument:	FID_F	ALS Vial:	63
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.496	6.365	743031	4.807	200	ug/ml
Aromatic C12-C16	6.366	8.961	6947943	45.246	300	ug/ml
Aromatic C16-C21	8.962	13.378	5297578	37.282	500	ug/ml
Aromatic C21-C36	13.379	18.826	1979071	14.337	800	ug/ml
Aromatic EPH	4.496	18.826	14967623	101.671		ug/ml
2-Bromonaphthalene (SURR)	7.993	7.993	5729888	43.06		ug/ml
2-Fluorobiphenyl (SURR)	8.868	8.868	3824996	42.89		ug/ml
ortho-Terphenyl (SURR)	11.929	11.929	3308855	22.47		ug/ml

LAB CHRONICLE

OrderID:	P4721	OrderDate:	11/5/2024 3:27:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	L23

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P4721-01	EX-2-TPH-1	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-01DL	EX-2-TPH-1DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-01DL 2	EX-2-TPH-1DL2	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-02	EX-2-TPH-2	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-02DL	EX-2-TPH-2DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-02DL 2	EX-2-TPH-2DL2	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-03	EX-2-TPH-3	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/06/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-03DL	EX-2-TPH-3DL	Solid			11/05/24			11/05/24

LAB CHRONICLE

			EPH	NJEPH		11/08/24	11/11/24	
P4721-04	EX-11-TPH-1	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-04DL	EX-11-TPH-1DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-04DL 2	EX-11-TPH-1DL2	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-05	EX-11-TPH-2	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-05DL	EX-11-TPH-2DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-06	EX-11-TPH-3	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/07/24	
			Gasoline Range Organics	8015D			11/07/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-06DL	EX-11-TPH-3DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	
P4721-07	EX-11-TPH-4	SOIL			11/05/24			11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24	
			Gasoline Range Organics	8015D			11/06/24	
			EPH	NJEPH		11/08/24	11/08/24	
			EPH	NJEPH		11/08/24	11/11/24	
P4721-07DL	EX-11-TPH-4DL	Solid			11/05/24			11/05/24
			EPH	NJEPH		11/08/24	11/11/24	

LAB CHRONICLE

P4721-07DL 2	EX-11-TPH-4DL2	Solid			11/05/24		11/05/24
			EPH	NJEPH		11/08/24	11/11/24
P4721-08	EX-9-TPH-1	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24
			Gasoline Range Organics	8015D			11/06/24
			EPH	NJEPH		11/08/24	11/08/24
P4721-09	EX-9-TPH-2	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/07/24
			Gasoline Range Organics	8015D			11/06/24
			EPH	NJEPH		11/08/24	11/08/24
P4721-10	EX-9-TPH-3	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/07/24
			Gasoline Range Organics	8015D			11/06/24
			EPH	NJEPH		11/08/24	11/08/24
P4721-11	EX-9-TPH-4	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/07/24
			Gasoline Range Organics	8015D			11/07/24
			EPH	NJEPH		11/08/24	11/08/24
			EPH	NJEPH		11/08/24	11/11/24
P4721-11DL	EX-9-TPH-4DL	Solid			11/05/24		11/05/24
			EPH	NJEPH		11/08/24	11/11/24
P4721-12	EX-9-TPH-5	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24
			Gasoline Range Organics	8015D			11/08/24
			EPH	NJEPH		11/08/24	11/08/24
P4721-13	EX-9-TPH-6	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24
			Gasoline Range Organics	8015D			11/06/24
			EPH	NJEPH		11/08/24	11/08/24
P4721-14	EX-9-TPH-7	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D		11/07/24	11/08/24
			Gasoline Range Organics	8015D			11/08/24

LAB CHRONICLE

			EPH	NJEPH	11/08/24	11/08/24	
			EPH	NJEPH	11/08/24	11/11/24	
P4721-14DL	EX-9-TPH-7DL	Solid			11/05/24		11/05/24
			EPH	NJEPH	11/08/24	11/11/24	
P4721-14DL 2	EX-9-TPH-7DL2	Solid			11/05/24		11/05/24
			EPH	NJEPH	11/08/24	11/11/24	
P4721-15	EX-9-TPH-8	SOIL			11/05/24		11/05/24
			Diesel Range Organics	8015D	11/07/24	11/08/24	
			Gasoline Range Organics	8015D		11/07/24	
			EPH	NJEPH	11/08/24	11/08/24	