



A

B

C

SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-8-TPH-1	SDG No.:	Q1308
Lab Sample ID:	Q1308-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.6
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
02/06/25 14:20	02/07/25 18:56	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	64.9		20	8.56	22.5	mg/kg FE052296.D
Aliphatic C12-C16	Aliphatic C12-C16	217		20	5.41	15.0	mg/kg FE052296.D
Aliphatic C16-C21	Aliphatic C16-C21	120		20	6.76	22.5	mg/kg FE052296.D
Aliphatic C21-C28	Aliphatic C21-C28	15.5		1	0.90	1.50	mg/kg FE052284.D
Aliphatic C28-C40	Aliphatic C28-C40	7.33		1	2.03	2.25	mg/kg FE052284.D
Aromatic C10-C12	Aromatic C10-C12	12.0		1	0.34	0.75	mg/kg FF015486.D
Aromatic C12-C16	Aromatic C12-C16	64.3		5	1.91	5.63	mg/kg FF015497.D
Aromatic C16-C21	Aromatic C16-C21	128		5	5.41	9.39	mg/kg FF015497.D
Aromatic C21-C36	Aromatic C21-C36	20.3		1	2.25	3.00	mg/kg FF015486.D
Total AliphaticEPH	Total AliphaticEPH	425			23.7	63.8	mg/kg
Total AromaticEPH	Total AromaticEPH	225			9.91	18.8	mg/kg
Total EPH	Total EPH	649			33.6	82.5	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-8-TPH-1		SDG No.:	Q1308	
Lab Sample ID:	Q1308-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.6	
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
FE052284.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	59.3	E	0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	193	E	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	113	E	0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.5		0.90	1.50	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.33		2.03	2.25	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.9		40 - 140	58%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-01	Acq On:	07 Feb 2025 11:26
Client Sample ID:	EX-8-TPH-1	Operator:	YP\AJ
Data file:	FE052284.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	75980170	789.943	300	ug/ml
Aliphatic C12-C16	7.236	10.639	270168917	2580	200	ug/ml
Aliphatic C16-C21	10.640	13.984	170474765	1510	300	ug/ml
Aliphatic C21-C28	13.985	17.628	23484115	206.003	400	ug/ml
Aliphatic C28-C40	17.629	22.712	8940874	97.657	600	ug/ml
Aliphatic EPH	3.679	22.712	549048841	5180		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.729	13.729	2846991	28.85		ug/ml
Aliphatic C9-C28	3.679	17.628	540107967	5080	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-8-TPH-1		SDG No.:	Q1308	
Lab Sample ID:	Q1308-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.6	
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
FF015486.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	12.0		0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	71.3	E	0.38	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	126	E	1.08	1.88	mg/kg
Aromatic C21-C36	Aromatic C21-C36	20.3		2.25	3.00	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	56.2		40 - 140	112%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.5		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	32.6		40 - 140	65%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-01	Acq On:	07 Feb 2025 11:37
Client Sample ID:	EX-8-TPH-1	Operator:	YP\AJ
Data file:	FF015486.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	4.505	6.374	22142336	160.31	200	ug/ml
Aromatic C12-C16	6.375	9.068	127369900	949.354	300	ug/ml
Aromatic C16-C21	9.069	13.385	207923978	1690	500	ug/ml
Aromatic C21-C36	13.386	18.838	31912975	270.962	800	ug/ml
Aromatic EPH	4.505	18.838	389349189	3070		ug/ml
ortho-Terphenyl (SURR)	11.936	11.936	4295193	32.57		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6678602	56.19		ug/ml
2-Fluorobiphenyl (SURR)	8.873	8.873	3300096	43.46		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-8-TPH-1DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.6
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
FE052296.D	20	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	64.9		8.56	22.5	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	217		5.41	15.0	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	120		6.76	22.5	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	11.0	J	18.0	30.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	40.6	U	40.6	45.1	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.48		40 - 140	59%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-01DL	Acq On:	07 Feb 2025 18:56
Client Sample ID:	EX-8-TPH-1DL	Operator:	YP\AJ
Data file:	FE052296.D	Misc:	
Instrument:	FID_E	ALS Vial:	22
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	4154943	43.198	300	ug/ml
Aliphatic C12-C16	7.236	10.639	15131855	144.506	200	ug/ml
Aliphatic C16-C21	10.640	13.984	9082387	80.359	300	ug/ml
Aliphatic C21-C28	13.985	17.628	838188	7.353	400	ug/ml
Aliphatic C28-C40	17.629	22.712	329104	3.595	600	ug/ml
Aliphatic EPH	3.679	22.712	29536477	279.01		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.715	13.715	146200	1.48		ug/ml
Aliphatic C9-C28	3.679	17.628	29207373	275.416	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-8-TPH-1DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.6
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
FF015497.D	5	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	11.7		1.69	3.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	64.3		1.91	5.63	mg/kg
Aromatic C16-C21	Aromatic C16-C21	128		5.41	9.39	mg/kg
Aromatic C21-C36	Aromatic C21-C36	16.9		11.3	15.0	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	9.92		40 - 140	99%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	6.48		40 - 140	65%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.76		40 - 140	58%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-01DL	Acq On:	07 Feb 2025 18:15
Client Sample ID:	EX-8-TPH-1DL	Operator:	YP\AJ
Data file:	FF015497.D	Misc:	
Instrument:	FID_F	ALS Vial:	81
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	4314397	31.236	200	ug/ml
Aromatic C12-C16	6.375	9.068	22959151	171.126	300	ug/ml
Aromatic C16-C21	9.069	13.385	42193272	342.476	500	ug/ml
Aromatic C21-C36	13.386	18.838	5290579	44.921	800	ug/ml
Aromatic EPH	4.505	18.838	74757399	589.759		ug/ml
2-Bromonaphthalene (SURR)	7.995	7.995	1179040	9.92		ug/ml
2-Fluorobiphenyl (SURR)	8.871	8.871	492193	6.48		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	760136	5.76		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-1	SDG No.:	Q1308
Lab Sample ID:	Q1308-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/07/25 19:27	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	24.4		5	2.28	5.99	mg/kg FE052297.D
Aliphatic C12-C16	Aliphatic C12-C16	64.3		5	1.44	4.00	mg/kg FE052297.D
Aliphatic C16-C21	Aliphatic C16-C21	51.8		5	1.80	5.99	mg/kg FE052297.D
Aliphatic C21-C28	Aliphatic C21-C28	7.21		1	0.96	1.60	mg/kg FE052285.D
Aliphatic C28-C40	Aliphatic C28-C40	6.88		1	2.16	2.40	mg/kg FE052285.D
Aromatic C10-C12	Aromatic C10-C12	20.1		5	1.80	4.00	mg/kg FF015498.D
Aromatic C12-C16	Aromatic C12-C16	39.7		5	2.04	5.99	mg/kg FF015498.D
Aromatic C16-C21	Aromatic C16-C21	72.9		5	5.75	9.99	mg/kg FF015498.D
Aromatic C21-C36	Aromatic C21-C36	11.2		1	2.40	3.20	mg/kg FF015487.D
Total AliphaticEPH	Total AliphaticEPH	155			8.64	20.0	mg/kg
Total AromaticEPH	Total AromaticEPH	144			12.0	23.2	mg/kg
Total EPH	Total EPH	298			20.6	43.2	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:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-6-TPH-1		SDG No.:	Q1308	
Lab Sample ID:	Q1308-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.3	
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
FE052285.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	29.7	E	0.46	1.20	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	75.0	E	0.29	0.80	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	57.0	E	0.36	1.20	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	7.21		0.96	1.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.88		2.16	2.40	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.3		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:	Q1308-02	Acq On:	07 Feb 2025 11:56
Client Sample ID:	EX-6-TPH-1	Operator:	YP\AJ
Data file:	FE052285.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	35775541	371.948	300	ug/ml
Aliphatic C12-C16	7.236	10.639	98223169	938.012	200	ug/ml
Aliphatic C16-C21	10.640	13.984	80541475	712.616	300	ug/ml
Aliphatic C21-C28	13.985	17.628	10280323	90.179	400	ug/ml
Aliphatic C28-C40	17.629	22.712	7875331	86.019	600	ug/ml
Aliphatic EPH	3.679	22.712	232695839	2200		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.723	13.723	3188915	32.31		ug/ml
Aliphatic C9-C28	3.679	17.628	224820508	2110	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-6-TPH-1		SDG No.:	Q1308	
Lab Sample ID:	Q1308-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.3	
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
FF015487.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	21.0	E	0.36	0.80	mg/kg
Aromatic C12-C16	Aromatic C12-C16	42.3	E	0.41	1.20	mg/kg
Aromatic C16-C21	Aromatic C16-C21	79.0	E	1.15	2.00	mg/kg
Aromatic C21-C36	Aromatic C21-C36	11.2		2.40	3.20	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	53.2		40 - 140	106%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.7		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.9		40 - 140	72%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-02	Acq On:	07 Feb 2025 12:05
Client Sample ID:	EX-6-TPH-1	Operator:	YP\AJ
Data file:	FF015487.D	Misc:	
Instrument:	FID_F	ALS Vial:	73
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	36313777	262.91	200	ug/ml
Aromatic C12-C16	6.375	9.068	70961627	528.914	300	ug/ml
Aromatic C16-C21	9.069	13.385	121834442	988.912	500	ug/ml
Aromatic C21-C36	13.386	18.838	16517786	140.247	800	ug/ml
Aromatic EPH	4.505	18.838	245627632	1920		ug/ml
ortho-Terphenyl (SURR)	11.935	11.935	4734048	35.9		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	6322700	53.2		ug/ml
2-Flurobiphenyl (SURR)	8.872	8.872	3318916	43.7		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-1DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.3
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
FE052297.D	5	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	24.4		2.28	5.99	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	64.3		1.44	4.00	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	51.8		1.80	5.99	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	8.82		4.80	7.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	7.64	J	10.8	12.0	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.84		40 - 140	58%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-02DL	Acq On:	07 Feb 2025 19:27
Client Sample ID:	EX-6-TPH-1DL	Operator:	YP\AJ
Data file:	FE052297.D	Misc:	
Instrument:	FID_E	ALS Vial:	23
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	5873937	61.07	300	ug/ml
Aliphatic C12-C16	7.236	10.639	16840134	160.82	200	ug/ml
Aliphatic C16-C21	10.640	13.984	14662266	129.729	300	ug/ml
Aliphatic C21-C28	13.985	17.628	2516165	22.072	400	ug/ml
Aliphatic C28-C40	17.629	22.712	1750898	19.124	600	ug/ml
Aliphatic EPH	3.679	22.712	41643400	392.815		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.715	13.715	576452	5.84		ug/ml
Aliphatic C9-C28	3.679	17.628	39892502	373.691	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-1DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.3
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
FF015498.D	5	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	20.1		1.80	4.00	mg/kg
Aromatic C12-C16	Aromatic C12-C16	39.7		2.04	5.99	mg/kg
Aromatic C16-C21	Aromatic C16-C21	72.9		5.75	9.99	mg/kg
Aromatic C21-C36	Aromatic C21-C36	9.64	J	12.0	16.0	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	9.82		40 - 140	98%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	7.09		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	6.96		40 - 140	70%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-02DL	Acq On:	07 Feb 2025 18:43
Client Sample ID:	EX-6-TPH-1DL	Operator:	YP\AJ
Data file:	FF015498.D	Misc:	
Instrument:	FID_F	ALS Vial:	82
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	6946172	50.29	200	ug/ml
Aromatic C12-C16	6.375	9.068	13335586	99.397	300	ug/ml
Aromatic C16-C21	9.069	13.385	22466936	182.361	500	ug/ml
Aromatic C21-C36	13.386	18.838	2841513	24.126	800	ug/ml
Aromatic EPH	4.505	18.838	45590207	356.174		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	1166684	9.82		ug/ml
2-Fluorobiphenyl (SURR)	8.872	8.872	538680	7.09		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	918098	6.96		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-2	SDG No.:	Q1308
Lab Sample ID:	Q1308-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/07/25 19:56	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	139		10	4.52	11.9	mg/kg FE052298.D
Aliphatic C12-C16	Aliphatic C12-C16	466		50	14.3	39.6	mg/kg FE052299.D
Aliphatic C16-C21	Aliphatic C16-C21	333		50	17.8	59.5	mg/kg FE052299.D
Aliphatic C21-C28	Aliphatic C21-C28	69.6		10	9.51	15.9	mg/kg FE052298.D
Aliphatic C28-C40	Aliphatic C28-C40	31.1		1	2.14	2.38	mg/kg FE052286.D
Aromatic C10-C12	Aromatic C10-C12	87.4		10	3.57	7.93	mg/kg FF015499.D
Aromatic C12-C16	Aromatic C12-C16	288		20	8.09	23.8	mg/kg FF015500.D
Aromatic C16-C21	Aromatic C16-C21	599		20	22.8	39.6	mg/kg FF015500.D
Aromatic C21-C36	Aromatic C21-C36	68.8		10	23.8	31.7	mg/kg FF015499.D
Total AliphaticEPH	Total AliphaticEPH	1040			48.3	129	mg/kg
Total AromaticEPH	Total AromaticEPH	1040			58.3	103	mg/kg
Total EPH	Total EPH	2080			107	232	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:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-6-TPH-2		SDG No.:	Q1308	
Lab Sample ID:	Q1308-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.9	
Sample Wt/Vol:	30.07	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052286.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	128	E	0.45	1.19	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	460	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	352	E	0.36	1.19	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	65.0	E	0.95	1.59	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	31.1		2.14	2.38	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.0		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:	Q1308-03	Acq On:	07 Feb 2025 12:26
Client Sample ID:	EX-6-TPH-2	Operator:	YP\AJ
Data file:	FE052286.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	155877576	1620	300	ug/ml
Aliphatic C12-C16	7.236	10.639	608315703	5810	200	ug/ml
Aliphatic C16-C21	10.640	13.984	502032936	4440	300	ug/ml
Aliphatic C21-C28	13.985	17.628	93516502	820.329	400	ug/ml
Aliphatic C28-C40	17.629	22.712	35961706	392.794	600	ug/ml
Aliphatic EPH	3.679	22.712	1395704423	13100		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.727	13.727	3849574	39.01		ug/ml
Aliphatic C9-C28	3.679	17.628	1359742717	12700	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-2	SDG No.:	Q1308
Lab Sample ID:	Q1308-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015488.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	81.4	E	0.36	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	253	E	0.40	1.19	mg/kg
Aromatic C16-C21	Aromatic C16-C21	517	E	1.14	1.98	mg/kg
Aromatic C21-C36	Aromatic C21-C36	77.3	E	2.38	3.17	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	76.3		40 - 140	153%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	58.5		40 - 140	117%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	50.3		40 - 140	101%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-03	Acq On:	07 Feb 2025 12:34
Client Sample ID:	EX-6-TPH-2	Operator:	YP\AJ
Data file:	FF015488.D	Misc:	
Instrument:	FID_F	ALS Vial:	74
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	141754607	1030	200	ug/ml
Aromatic C12-C16	6.375	9.068	428202843	3190	300	ug/ml
Aromatic C16-C21	9.069	13.385	804494602	6530	500	ug/ml
Aromatic C21-C36	13.386	18.838	114846027	975.119	800	ug/ml
Aromatic EPH	4.505	18.838	1489298079	11700		ug/ml
2-Bromonaphthalene (SURR)	8.002	8.002	9071312	76.32		ug/ml
ortho-Terphenyl (SURR)	11.946	11.946	6634461	50.31		ug/ml
2-Fluorobiphenyl (SURR)	8.882	8.882	4443042	58.51		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-2DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052298.D	10	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	139		4.52	11.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	402	E	2.85	7.93	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	374	E	3.57	11.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	69.6		9.51	15.9	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	26.5		21.4	23.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.40		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-03DL	Acq On:	07 Feb 2025 19:56
Client Sample ID:	EX-6-TPH-2DL	Operator:	YP\AJ
Data file:	FE052298.D	Misc:	
Instrument:	FID_E	ALS Vial:	24
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	16963130	176.361	300	ug/ml
Aliphatic C12-C16	7.236	10.639	53152091	507.592	200	ug/ml
Aliphatic C16-C21	10.640	13.984	53364782	472.161	300	ug/ml
Aliphatic C21-C28	13.985	17.628	10006323	87.776	400	ug/ml
Aliphatic C28-C40	17.629	22.712	3063408	33.46	600	ug/ml
Aliphatic EPH	3.679	22.712	136549734	1280		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.716	13.716	433830	4.4		ug/ml
Aliphatic C9-C28	3.679	17.628	133486326	1240	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-2DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-03DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015499.D	10	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	87.4		3.57	7.93	mg/kg
Aromatic C12-C16	Aromatic C12-C16	287	E	4.04	11.9	mg/kg
Aromatic C16-C21	Aromatic C16-C21	544	E	11.4	19.8	mg/kg
Aromatic C21-C36	Aromatic C21-C36	68.8		23.8	31.7	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	8.12		40 - 140	162%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	5.02		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.25		40 - 140	105%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-03DL	Acq On:	07 Feb 2025 19:12
Client Sample ID:	EX-6-TPH-2DL	Operator:	YP\AJ
Data file:	FF015499.D	Misc:	
Instrument:	FID_F	ALS Vial:	83
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	15219255	110.187	200	ug/ml
Aromatic C12-C16	6.375	9.068	48696696	362.962	300	ug/ml
Aromatic C16-C21	9.069	13.385	84687395	687.395	500	ug/ml
Aromatic C21-C36	13.386	18.838	10225317	86.82	800	ug/ml
Aromatic EPH	4.505	18.838	158828663	1250		ug/ml
2-Bromonaphthalene (SURR)	7.995	7.995	965186	8.12		ug/ml
2-Fluorobiphenyl (SURR)	8.871	8.871	380968	5.02		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	692374	5.25		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-2DL2	SDG No.:	Q1308
Lab Sample ID:	Q1308-03DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE052299.D	50	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	145		22.6	59.5	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	466		14.3	39.6	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	333		17.8	59.5	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	80.6		47.6	79.3	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	107	U	107	118	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.85		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-03DL2	Acq On:	07 Feb 2025 20:26
Client Sample ID:	EX-6-TPH-2DL2	Operator:	YP\AJ
Data file:	FE052299.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	3536665	36.77	300	ug/ml
Aliphatic C12-C16	7.236	10.639	12336578	117.812	200	ug/ml
Aliphatic C16-C21	10.640	13.984	9496002	84.019	300	ug/ml
Aliphatic C21-C28	13.985	17.628	2316778	20.323	400	ug/ml
Aliphatic C28-C40	17.629	22.712	733053	8.007	600	ug/ml
Aliphatic EPH	3.679	22.712	28419076	266.93		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.715	13.715	83751	0.85		ug/ml
Aliphatic C9-C28	3.679	17.628	27686023	258.924	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-6-TPH-2DL2	SDG No.:	Q1308
Lab Sample ID:	Q1308-03DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.9
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015500.D	20	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	90.4		7.13	15.9	mg/kg
Aromatic C12-C16	Aromatic C12-C16	288		8.09	23.8	mg/kg
Aromatic C16-C21	Aromatic C16-C21	599		22.8	39.6	mg/kg
Aromatic C21-C36	Aromatic C21-C36	79.5		47.6	63.4	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	3.98		40 - 140	159%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	2.51		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.77		40 - 140	111%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-03DL2	Acq On:	08 Feb 2025 00:00
Client Sample ID:	EX-6-TPH-2DL2	Operator:	YP\AJ
Data file:	FF015500.D	Misc:	
Instrument:	FID_F	ALS Vial:	84
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	7873177	57.001	200	ug/ml
Aromatic C12-C16	6.375	9.068	24378903	181.709	300	ug/ml
Aromatic C16-C21	9.069	13.385	46612226	378.344	500	ug/ml
Aromatic C21-C36	13.386	18.838	5903217	50.122	800	ug/ml
Aromatic EPH	4.505	18.838	84767523	667.177		ug/ml
ortho-Terphenyl (SURR)	11.924	11.924	365134	2.77		ug/ml
2-Bromonaphthalene (SURR)	7.982	7.982	472865	3.98		ug/ml
2-Fluorobiphenyl (SURR)	8.860	8.860	190283	2.51		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-5		SDG No.:	Q1308	
Lab Sample ID:	Q1308-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.3	
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
02/06/25 14:20	02/07/25 13:44	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.45	U	1	0.45	1.17	mg/kg	FC068232.D
Aliphatic C12-C16	Aliphatic C12-C16	2.65		1	0.28	0.78	mg/kg	FC068232.D
Aliphatic C16-C21	Aliphatic C16-C21	5.32		1	0.35	1.17	mg/kg	FC068232.D
Aliphatic C21-C28	Aliphatic C21-C28	0.94	U	1	0.94	1.56	mg/kg	FC068232.D
Aliphatic C28-C40	Aliphatic C28-C40	4.05		1	2.11	2.34	mg/kg	FC068232.D
Aromatic C10-C12	Aromatic C10-C12	0.35	U	1	0.35	0.78	mg/kg	FD049055.D
Aromatic C12-C16	Aromatic C12-C16	1.54		1	0.40	1.17	mg/kg	FD049055.D
Aromatic C16-C21	Aromatic C16-C21	1.52	J	1	1.12	1.95	mg/kg	FD049055.D
Aromatic C21-C36	Aromatic C21-C36	2.34	U	1	2.34	3.12	mg/kg	FD049055.D
Total AliphaticEPH	Total AliphaticEPH	12.0			4.12	7.02	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.21	U		4.21	7.02	mg/kg	
Total EPH	Total EPH	15.1			8.33	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:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-5	SDG No.:	Q1308
Lab Sample ID:	Q1308-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.3
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
FC068232.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.45	U	0.45	1.17	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2.65		0.28	0.78	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	5.32		0.35	1.17	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.94	U	0.94	1.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.05		2.11	2.34	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	63.8		40 - 140	128%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-04	Acq On:	07 Feb 2025 13:44
Client Sample ID:	EX-11-TPH-5	Operator:	YP/AJ
Data file:	FC068232.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.111	6.377	411258	2.97	300	ug/ml
Aliphatic C12-C16	6.378	9.762	4675997	33.955	200	ug/ml
Aliphatic C16-C21	9.763	13.116	9198105	68.124	300	ug/ml
Aliphatic C21-C28	13.117	16.769	573890	4.511	400	ug/ml
Aliphatic C28-C40	16.770	21.574	5379540	51.907	600	ug/ml
Aliphatic EPH	3.111	21.574	20238790	161.467		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.850	12.850	7331729	63.75		ug/ml
Aliphatic C9-C28	3.111	16.769	14859250	109.56	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-5	SDG No.:	Q1308
Lab Sample ID:	Q1308-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	85.3
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
FD049055.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.35	U	0.35	0.78	mg/kg
Aromatic C12-C16	Aromatic C12-C16	1.54		0.40	1.17	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.52	J	1.12	1.95	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.34	U	2.34	3.12	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	37.7		40 - 140	75%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	27.0		40 - 140	54%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.8		40 - 140	76%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-04	Acq On:	07 Feb 2025 13:08
Client Sample ID:	EX-11-TPH-5	Operator:	YP/AJ
Data file:	FD049055.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	4.076	5.794	415283	2.675	200	ug/ml
Aromatic C12-C16	5.795	8.398	3194051	19.691	300	ug/ml
Aromatic C16-C21	8.399	12.662	3006287	19.44	500	ug/ml
Aromatic C21-C36	12.663	18.072	2790974	19.585	800	ug/ml
Aromatic EPH	4.076	18.072	9406595	61.391		ug/ml
2-Bromonaphthalene (SURR)	7.353	7.353	5366473	37.71		ug/ml
2-Fluorobiphenyl (SURR)	8.204	8.204	2300366	27.04		ug/ml
ortho-Terphenyl (SURR)	11.238	11.238	6217115	37.8		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-6	SDG No.:	Q1308
Lab Sample ID:	Q1308-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.2
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
02/06/25 14:20	02/07/25 16:09	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	0.51	J	1	0.46	1.20	mg/kg	FC068236.D
Aliphatic C12-C16	Aliphatic C12-C16	1.00		1	0.29	0.80	mg/kg	FC068236.D
Aliphatic C16-C21	Aliphatic C16-C21	0.37	J	1	0.36	1.20	mg/kg	FC068236.D
Aliphatic C21-C28	Aliphatic C21-C28	0.96	U	1	0.96	1.60	mg/kg	FC068236.D
Aliphatic C28-C40	Aliphatic C28-C40	3.90		1	2.16	2.40	mg/kg	FC068236.D
Aromatic C10-C12	Aromatic C10-C12	0.36	U	1	0.36	0.80	mg/kg	FD049059.D
Aromatic C12-C16	Aromatic C12-C16	0.41	J	1	0.41	1.20	mg/kg	FD049059.D
Aromatic C16-C21	Aromatic C16-C21	1.17	J	1	1.15	2.00	mg/kg	FD049059.D
Aromatic C21-C36	Aromatic C21-C36	2.40	U	1	2.40	3.20	mg/kg	FD049059.D
Total AliphaticEPH	Total AliphaticEPH	5.77	J		4.22	7.20	mg/kg	
Total AromaticEPH	Total AromaticEPH	4.32	U		4.32	7.20	mg/kg	
Total EPH	Total EPH	8.54	U		8.54	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:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-6		SDG No.:	Q1308	
Lab Sample ID:	Q1308-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	83.2	
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
FC068236.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	0.51	J	0.46	1.20	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1.00		0.29	0.80	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	0.37	J	0.36	1.20	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.96	U	0.96	1.60	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.90		2.16	2.40	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.4		40 - 140	45%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-05	Acq On:	07 Feb 2025 16:09
Client Sample ID:	EX-11-TPH-6	Operator:	YP/AJ
Data file:	FC068236.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.111	6.377	878995	6.347	300	ug/ml
Aliphatic C12-C16	6.378	9.762	1713417	12.442	200	ug/ml
Aliphatic C16-C21	9.763	13.116	614985	4.555	300	ug/ml
Aliphatic C21-C28	13.117	16.769	376129	2.957	400	ug/ml
Aliphatic C28-C40	16.770	21.574	5055475	48.78	600	ug/ml
Aliphatic EPH	3.111	21.574	8639001	75.08		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.845	12.845	2576618	22.4		ug/ml
Aliphatic C9-C28	3.111	16.769	3583526	26.301	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-6	SDG No.:	Q1308
Lab Sample ID:	Q1308-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	83.2
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
FD049059.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	0.36	U	0.36	0.80	mg/kg
Aromatic C12-C16	Aromatic C12-C16	0.41	J	0.41	1.20	mg/kg
Aromatic C16-C21	Aromatic C16-C21	1.17	J	1.15	2.00	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.40	U	2.40	3.20	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	45.4		40 - 140	91%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	48.0		40 - 140	96%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	20.6		40 - 140	41%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-05	Acq On:	07 Feb 2025 15:33
Client Sample ID:	EX-11-TPH-6	Operator:	YP/AJ
Data file:	FD049059.D	Misc:	
Instrument:	FID_D	ALS Vial:	68
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	484599	3.122	200	ug/ml
Aromatic C12-C16	5.795	8.398	837327	5.162	300	ug/ml
Aromatic C16-C21	8.399	12.662	2267631	14.663	500	ug/ml
Aromatic C21-C36	12.663	18.072	2340332	16.423	800	ug/ml
Aromatic EPH	4.076	18.072	5929889	39.37		ug/ml
2-Bromonaphthalene (SURR)	7.353	7.353	6465637	45.43		ug/ml
2-Fluorobiphenyl (SURR)	8.203	8.203	4080548	47.96		ug/ml
ortho-Terphenyl (SURR)	11.235	11.235	3386842	20.59		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-7	SDG No.:	Q1308
Lab Sample ID:	Q1308-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
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
02/06/25 14:20	02/07/25 20:56	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	674		50	22.4	58.9	mg/kg FE052300.D
Aliphatic C12-C16	Aliphatic C12-C16	1720		200	56.5	156	mg/kg FE052301.D
Aliphatic C16-C21	Aliphatic C16-C21	428		50	17.7	58.9	mg/kg FE052300.D
Aliphatic C21-C28	Aliphatic C21-C28	25.3		1	0.94	1.57	mg/kg FE052287.D
Aliphatic C28-C40	Aliphatic C28-C40	11.8		1	2.12	2.35	mg/kg FE052287.D
Aromatic C10-C12	Aromatic C10-C12	132		10	3.53	7.85	mg/kg FF015501.D
Aromatic C12-C16	Aromatic C12-C16	672		50	20.0	58.9	mg/kg FF015502.D
Aromatic C16-C21	Aromatic C16-C21	795		50	56.5	98.1	mg/kg FF015502.D
Aromatic C21-C36	Aromatic C21-C36	33.4		1	2.35	3.14	mg/kg FF015489.D
Total AliphaticEPH	Total AliphaticEPH	2860			99.7	278	mg/kg
Total AromaticEPH	Total AromaticEPH	1630			82.4	168	mg/kg
Total EPH	Total EPH	4490			182	446	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:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-7		SDG No.:	Q1308	
Lab Sample ID:	Q1308-06		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.8	
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
FE052287.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	652	E	0.45	1.18	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1410	E	0.28	0.79	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	383	E	0.35	1.18	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	25.3		0.94	1.57	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.8		2.12	2.35	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	31.6		40 - 140	63%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-06	Acq On:	07 Feb 2025 12:56
Client Sample ID:	EX-11-TPH-7	Operator:	YP\AJ
Data file:	FE052287.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	799994513	8320	300	ug/ml
Aliphatic C12-C16	7.236	10.639	1883589829	18000	200	ug/ml
Aliphatic C16-C21	10.640	13.984	552895923	4890	300	ug/ml
Aliphatic C21-C28	13.985	17.628	36775483	322.595	400	ug/ml
Aliphatic C28-C40	17.629	22.712	13718989	149.847	600	ug/ml
Aliphatic EPH	3.679	22.712	3286974737	31700		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.727	13.727	3117230	31.59		ug/ml
Aliphatic C9-C28	3.679	17.628	3273255748	31500	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-7	SDG No.:	Q1308
Lab Sample ID:	Q1308-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
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
FF015489.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	118	E	0.35	0.79	mg/kg
Aromatic C12-C16	Aromatic C12-C16	586	E	0.40	1.18	mg/kg
Aromatic C16-C21	Aromatic C16-C21	724	E	1.13	1.96	mg/kg
Aromatic C21-C36	Aromatic C21-C36	33.4		2.35	3.14	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	88.1		40 - 140	176%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	65.7		40 - 140	131%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	38.9		40 - 140	78%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-06	Acq On:	07 Feb 2025 13:02
Client Sample ID:	EX-11-TPH-7	Operator:	YP\AJ
Data file:	FF015489.D	Misc:	
Instrument:	FID_F	ALS Vial:	75
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	208683175	1510	200	ug/ml
Aromatic C12-C16	6.375	9.068	1003254262	7480	300	ug/ml
Aromatic C16-C21	9.069	13.385	1137682095	9230	500	ug/ml
Aromatic C21-C36	13.386	18.838	50122010	425.569	800	ug/ml
Aromatic EPH	4.505	18.838	2399741542	18600		ug/ml
2-Bromonaphthalene (SURR)	8.011	8.011	10472023	88.11		ug/ml
2-Fluorobiphenyl (SURR)	8.895	8.895	4987537	65.68		ug/ml
ortho-Terphenyl (SURR)	11.948	11.948	5130658	38.9		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-7DL		SDG No.:	Q1308	
Lab Sample ID:	Q1308-06DL		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.8	
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
FE052300.D	50	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	674		22.4	58.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1640	E	14.1	39.2	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	428		17.7	58.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	24.8	J	47.1	78.5	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	105	U	105	117	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.69		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-06DL	Acq On:	07 Feb 2025 20:56
Client Sample ID:	EX-11-TPH-7DL	Operator:	YP\AJ
Data file:	FE052300.D	Misc:	
Instrument:	FID_E	ALS Vial:	26
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	16541785	171.98	300	ug/ml
Aliphatic C12-C16	7.236	10.639	43673466	417.073	200	ug/ml
Aliphatic C16-C21	10.640	13.984	12328355	109.079	300	ug/ml
Aliphatic C21-C28	13.985	17.628	721395	6.328	400	ug/ml
Aliphatic C28-C40	17.629	22.712	172816	1.888	600	ug/ml
Aliphatic EPH	3.679	22.712	73437817	706.348		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.715	13.715	68583	0.69		ug/ml
Aliphatic C9-C28	3.679	17.628	73265001	704.46	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-7DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-06DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
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
FF015501.D	10	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	132		3.53	7.85	mg/kg
Aromatic C12-C16	Aromatic C12-C16	625	E	4.00	11.8	mg/kg
Aromatic C16-C21	Aromatic C16-C21	760	E	11.3	19.6	mg/kg
Aromatic C21-C36	Aromatic C21-C36	33.0		23.5	31.4	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	8.74		40 - 140	175%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	6.19		40 - 140	124%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	4.21		40 - 140	84%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-06DL	Acq On:	08 Feb 2025 00:29
Client Sample ID:	EX-11-TPH-7DL	Operator:	YP\AJ
Data file:	FF015501.D	Misc:	
Instrument:	FID_F	ALS Vial:	85
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	23277274	168.526	200	ug/ml
Aromatic C12-C16	6.375	9.068	106841450	796.345	300	ug/ml
Aromatic C16-C21	9.069	13.385	119376786	968.963	500	ug/ml
Aromatic C21-C36	13.386	18.838	4951713	42.043	800	ug/ml
Aromatic EPH	4.505	18.838	254447223	1980		ug/ml
2-Bromonaphthalene (SURR)	7.994	7.994	1039239	8.74		ug/ml
2-Fluorobiphenyl (SURR)	8.869	8.869	470219	6.19		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	554686	4.21		ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-7DL2		SDG No.:	Q1308	
Lab Sample ID:	Q1308-06DL2		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.8	
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
FE052301.D	200	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	893		89.5	235	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1720		56.5	156	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	467		70.6	235	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	188	U	188	313	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	423	U	423	470	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:	Q1308-06DL2	Acq On:	07 Feb 2025 21:26
Client Sample ID:	EX-11-TPH-7DL2	Operator:	YP\AJ
Data file:	FE052301.D	Misc:	
Instrument:	FID_E	ALS Vial:	27
Dilution Factor:	200	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	5472923	56.9	300	ug/ml
Aliphatic C12-C16	7.236	10.639	11495803	109.783	200	ug/ml
Aliphatic C16-C21	10.640	13.984	3365820	29.78	300	ug/ml
Aliphatic C21-C28	13.985	17.628	265179	2.326	400	ug/ml
Aliphatic C28-C40	17.629	22.712	55789	0.609	600	ug/ml
Aliphatic EPH	3.679	22.712	20655514	199.399		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	3.679	17.628	20599725	198.789	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-7DL2	SDG No.:	Q1308
Lab Sample ID:	Q1308-06DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.8
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
FF015502.D	50	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	138		17.7	39.2	mg/kg
Aromatic C12-C16	Aromatic C12-C16	672		20.0	58.9	mg/kg
Aromatic C16-C21	Aromatic C16-C21	795		56.5	98.1	mg/kg
Aromatic C21-C36	Aromatic C21-C36	117	U	117	156	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	1.60		40 - 140	160%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	0.78		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.84		40 - 140	84%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-06DL2	Acq On:	08 Feb 2025 00:57
Client Sample ID:	EX-11-TPH-7DL2	Operator:	YP\AJ
Data file:	FF015502.D	Misc:	
Instrument:	FID_F	ALS Vial:	86
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	4860228	35.188	200	ug/ml
Aromatic C12-C16	6.375	9.068	22979946	171.281	300	ug/ml
Aromatic C16-C21	9.069	13.385	24981048	202.767	500	ug/ml
Aromatic C21-C36	13.386	18.838	1153637	9.795	800	ug/ml
Aromatic EPH	4.505	18.838	53974859	419.032		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	110214	0.84		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	189903	1.6		ug/ml
2-Flurobiphenyl (SURR)	8.874	8.874	58926	0.78		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-8	SDG No.:	Q1308
Lab Sample ID:	Q1308-07	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.4
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
02/06/25 14:20	02/07/25 22:27	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	303		50	20.3	53.4	mg/kg	FE052303.D
Aliphatic C12-C16	Aliphatic C12-C16	444		50	12.8	35.6	mg/kg	FE052303.D
Aliphatic C16-C21	Aliphatic C16-C21	143		50	16.0	53.4	mg/kg	FE052303.D
Aliphatic C21-C28	Aliphatic C21-C28	14.8		1	0.85	1.42	mg/kg	FE052288.D
Aliphatic C28-C40	Aliphatic C28-C40	14.3		1	1.92	2.13	mg/kg	FE052288.D
Aromatic C10-C12	Aromatic C10-C12	39.9		10	3.20	7.12	mg/kg	FF015503.D
Aromatic C12-C16	Aromatic C12-C16	169		10	3.63	10.7	mg/kg	FF015503.D
Aromatic C16-C21	Aromatic C16-C21	186		10	10.2	17.8	mg/kg	FF015503.D
Aromatic C21-C36	Aromatic C21-C36	17.1		1	2.13	2.85	mg/kg	FF015490.D
Total AliphaticEPH	Total AliphaticEPH	919			51.9	146	mg/kg	
Total AromaticEPH	Total AromaticEPH	412			19.2	38.5	mg/kg	
Total EPH	Total EPH	1330			71.0	184	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:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-8		SDG No.:	Q1308	
Lab Sample ID:	Q1308-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	93.4	
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
FE052288.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	258	E	0.41	1.07	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	455	E	0.26	0.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	130	E	0.32	1.07	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	14.8		0.85	1.42	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	14.3		1.92	2.13	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:	Q1308-07	Acq On:	07 Feb 2025 13:27
Client Sample ID:	EX-11-TPH-8	Operator:	YP\AJ
Data file:	FE052288.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	349486064	3630	300	ug/ml
Aliphatic C12-C16	7.236	10.639	669636249	6390	200	ug/ml
Aliphatic C16-C21	10.640	13.984	206659311	1830	300	ug/ml
Aliphatic C21-C28	13.985	17.628	23719200	208.065	400	ug/ml
Aliphatic C28-C40	17.629	22.712	18377160	200.726	600	ug/ml
Aliphatic EPH	3.679	22.712	1267877984	12300		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.723	13.723	3227545	32.7		ug/ml
Aliphatic C9-C28	3.679	17.628	1249500824	12100	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-8		SDG No.:	Q1308	
Lab Sample ID:	Q1308-07		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	93.4	
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
FF015490.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	39.3	E	0.32	0.71	mg/kg
Aromatic C12-C16	Aromatic C12-C16	165	E	0.36	1.07	mg/kg
Aromatic C16-C21	Aromatic C16-C21	194	E	1.02	1.78	mg/kg
Aromatic C21-C36	Aromatic C21-C36	17.1		2.13	2.85	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	61.8		40 - 140	124%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	52.9		40 - 140	106%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.6		40 - 140	71%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-07	Acq On:	07 Feb 2025 13:31
Client Sample ID:	EX-11-TPH-8	Operator:	YP\AJ
Data file:	FF015490.D	Misc:	
Instrument:	FID_F	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	76366050	552.887	200	ug/ml
Aromatic C12-C16	6.375	9.068	312502265	2330	300	ug/ml
Aromatic C16-C21	9.069	13.385	337246394	2740	500	ug/ml
Aromatic C21-C36	13.386	18.838	28284943	240.158	800	ug/ml
Aromatic EPH	4.505	18.838	754399652	5860		ug/ml
2-Bromonaphthalene (SURR)	8.002	8.002	7348189	61.83		ug/ml
2-Fluorobiphenyl (SURR)	8.879	8.879	4013977	52.86		ug/ml
ortho-Terphenyl (SURR)	11.938	11.938	4694316	35.59		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-8DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-07DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.4
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
FE052303.D	50	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	303		20.3	53.4	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	444		12.8	35.6	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	143		16.0	53.4	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	42.7	U	42.7	71.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	96.1	U	96.1	106	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.67		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-07DL	Acq On:	07 Feb 2025 22:27
Client Sample ID:	EX-11-TPH-8DL	Operator:	YP\AJ
Data file:	FE052303.D	Misc:	
Instrument:	FID_E	ALS Vial:	29
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	8206358	85.319	300	ug/ml
Aliphatic C12-C16	7.236	10.639	13074948	124.863	200	ug/ml
Aliphatic C16-C21	10.640	13.984	4554080	40.294	300	ug/ml
Aliphatic C21-C28	13.985	17.628	451158	3.958	400	ug/ml
Aliphatic C28-C40	17.629	22.712	404497	4.418	600	ug/ml
Aliphatic EPH	3.679	22.712	26691041	258.852		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.715	13.715	66559	0.67		ug/ml
Aliphatic C9-C28	3.679	17.628	26286544	254.434	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-8DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-07DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.4
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
FF015503.D	10	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	39.9		3.20	7.12	mg/kg
Aromatic C12-C16	Aromatic C12-C16	169		3.63	10.7	mg/kg
Aromatic C16-C21	Aromatic C16-C21	186		10.2	17.8	mg/kg
Aromatic C21-C36	Aromatic C21-C36	15.6	J	21.3	28.5	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	6.92		40 - 140	138%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	5.33		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.86		40 - 140	77%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-07DL	Acq On:	08 Feb 2025 01:26
Client Sample ID:	EX-11-TPH-8DL	Operator:	YP\AJ
Data file:	FF015503.D	Misc:	
Instrument:	FID_F	ALS Vial:	87
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	7746930	56.087	200	ug/ml
Aromatic C12-C16	6.375	9.068	32024208	238.693	300	ug/ml
Aromatic C16-C21	9.069	13.385	32266021	261.898	500	ug/ml
Aromatic C21-C36	13.386	18.838	2575796	21.87	800	ug/ml
Aromatic EPH	4.505	18.838	74612955	578.549		ug/ml
ortho-Terphenyl (SURR)	11.932	11.932	508425	3.86		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	822111	6.92		ug/ml
2-Fluorobiphenyl (SURR)	8.872	8.872	404512	5.33		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-9	SDG No.:	Q1308
Lab Sample ID:	Q1308-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/07/25 23:27	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	702		100	42.0	110	mg/kg FE052305.D
Aliphatic C12-C16	Aliphatic C12-C16	1260		100	26.5	73.7	mg/kg FE052305.D
Aliphatic C16-C21	Aliphatic C16-C21	445		100	33.2	110	mg/kg FE052305.D
Aliphatic C21-C28	Aliphatic C21-C28	83.8		5	4.42	7.37	mg/kg FE052304.D
Aliphatic C28-C40	Aliphatic C28-C40	47.3		5	9.95	11.1	mg/kg FE052304.D
Aromatic C10-C12	Aromatic C10-C12	182		25	8.29	18.4	mg/kg FF015505.D
Aromatic C12-C16	Aromatic C12-C16	548		25	9.40	27.6	mg/kg FF015505.D
Aromatic C16-C21	Aromatic C16-C21	660		25	26.5	46.1	mg/kg FF015505.D
Aromatic C21-C36	Aromatic C21-C36	63.2		5	11.1	14.7	mg/kg FF015504.D
Total AliphaticEPH	Total AliphaticEPH	2540			116	312	mg/kg
Total AromaticEPH	Total AromaticEPH	1450			55.3	107	mg/kg
Total EPH	Total EPH	3990			171	419	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:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-9		SDG No.:	Q1308	
Lab Sample ID:	Q1308-08		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	90.3	
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
FE052289.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	595	E	0.42	1.11	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1180	E	0.27	0.74	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	411	E	0.33	1.11	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	86.7	E	0.89	1.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	45.1	E	1.99	2.21	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	40.3		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-08	Acq On:	07 Feb 2025 13:57
Client Sample ID:	EX-11-TPH-9	Operator:	YP\AJ
Data file:	FE052289.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	777492568	8080	300	ug/ml
Aliphatic C12-C16	7.236	10.639	1669143311	15900	200	ug/ml
Aliphatic C16-C21	10.640	13.984	630579755	5580	300	ug/ml
Aliphatic C21-C28	13.985	17.628	134025001	1180	400	ug/ml
Aliphatic C28-C40	17.629	22.712	56019819	611.88	600	ug/ml
Aliphatic EPH	3.679	22.712	3267260454	31400		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.728	13.728	3972766	40.25		ug/ml
Aliphatic C9-C28	3.679	17.628	3211240635	30800	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-9	SDG No.:	Q1308
Lab Sample ID:	Q1308-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
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
FF015491.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	147	E	0.33	0.74	mg/kg
Aromatic C12-C16	Aromatic C12-C16	474	E	0.38	1.11	mg/kg
Aromatic C16-C21	Aromatic C16-C21	570	E	1.06	1.84	mg/kg
Aromatic C21-C36	Aromatic C21-C36	64.3	E	2.21	2.95	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	86.8		40 - 140	174%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	68.4		40 - 140	137%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	46.6		40 - 140	93%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-08	Acq On:	07 Feb 2025 13:59
Client Sample ID:	EX-11-TPH-9	Operator:	YP\AJ
Data file:	FF015491.D	Misc:	
Instrument:	FID_F	ALS Vial:	77
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	276625768	2000	200	ug/ml
Aromatic C12-C16	6.375	9.068	863598001	6440	300	ug/ml
Aromatic C16-C21	9.069	13.385	953724211	7740	500	ug/ml
Aromatic C21-C36	13.386	18.838	102739346	872.326	800	ug/ml
Aromatic EPH	4.505	18.838	2196687326	17100		ug/ml
2-Bromonaphthalene (SURR)	8.007	8.007	10317746	86.81		ug/ml
2-Fluorobiphenyl (SURR)	8.890	8.890	5197415	68.44		ug/ml
ortho-Terphenyl (SURR)	11.948	11.948	6142092	46.57		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-9DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-08DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
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
FE052304.D	5	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	595	E	2.10	5.53	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1200	E	1.33	3.69	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	412	E	1.66	5.53	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	83.8		4.42	7.37	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	47.3		9.95	11.1	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	9.01		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-08DL	Acq On:	07 Feb 2025 22:57
Client Sample ID:	EX-11-TPH-9DL	Operator:	YP\AJ
Data file:	FE052304.D	Misc:	
Instrument:	FID_E	ALS Vial:	30
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	155396184	1620	300	ug/ml
Aliphatic C12-C16	7.236	10.639	339562146	3240	200	ug/ml
Aliphatic C16-C21	10.640	13.984	126418532	1120	300	ug/ml
Aliphatic C21-C28	13.985	17.628	25920866	227.378	400	ug/ml
Aliphatic C28-C40	17.629	22.712	11737052	128.199	600	ug/ml
Aliphatic EPH	3.679	22.712	659034780	6330		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.715	13.715	889344	9.01		ug/ml
Aliphatic C9-C28	3.679	17.628	647297728	6200	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-9DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-08DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
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
FF015504.D	5	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	164	E	1.66	3.69	mg/kg
Aromatic C12-C16	Aromatic C12-C16	509	E	1.88	5.53	mg/kg
Aromatic C16-C21	Aromatic C16-C21	597	E	5.31	9.22	mg/kg
Aromatic C21-C36	Aromatic C21-C36	63.2		11.1	14.7	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	17.9		40 - 140	179%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	13.2		40 - 140	132%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	10.4		40 - 140	104%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-08DL	Acq On:	08 Feb 2025 01:54
Client Sample ID:	EX-11-TPH-9DL	Operator:	YP\AJ
Data file:	FF015504.D	Misc:	
Instrument:	FID_F	ALS Vial:	88
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	61699158	446.699	200	ug/ml
Aromatic C12-C16	6.375	9.068	185345821	1380	300	ug/ml
Aromatic C16-C21	9.069	13.385	199706096	1620	500	ug/ml
Aromatic C21-C36	13.386	18.838	20190992	171.435	800	ug/ml
Aromatic EPH	4.505	18.838	466942067	3620		ug/ml
ortho-Terphenyl (SURR)	11.934	11.934	1378591	10.45		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	2132279	17.94		ug/ml
2-Flurobiphenyl (SURR)	8.873	8.873	999553	13.16		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-9DL2	SDG No.:	Q1308
Lab Sample ID:	Q1308-08DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
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
FE052305.D	100	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	702		42.0	110	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1260		26.5	73.7	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	445		33.2	110	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	105	J	88.5	147	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	199	U	199	221	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:	Q1308-08DL2	Acq On:	07 Feb 2025 23:27
Client Sample ID:	EX-11-TPH-9DL2	Operator:	YP\AJ
Data file:	FE052305.D	Misc:	
Instrument:	FID_E	ALS Vial:	31
Dilution Factor:	100	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	9162020	95.255	300	ug/ml
Aliphatic C12-C16	7.236	10.639	17943161	171.354	200	ug/ml
Aliphatic C16-C21	10.640	13.984	6831465	60.444	300	ug/ml
Aliphatic C21-C28	13.985	17.628	1634202	14.335	400	ug/ml
Aliphatic C28-C40	17.629	22.712	500745	5.469	600	ug/ml
Aliphatic EPH	3.679	22.712	36071593	346.857		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	3.679	17.628	35570848	341.388	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-9DL2		SDG No.:	Q1308	
Lab Sample ID:	Q1308-08DL2		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	90.3	
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
FF015505.D	25	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	182		8.29	18.4	mg/kg
Aromatic C12-C16	Aromatic C12-C16	548		9.40	27.6	mg/kg
Aromatic C16-C21	Aromatic C16-C21	660		26.5	46.1	mg/kg
Aromatic C21-C36	Aromatic C21-C36	56.4	J	55.3	73.7	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	3.79		40 - 140	190%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	2.15		40 - 140	108%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.27		40 - 140	114%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-08DL2	Acq On:	08 Feb 2025 02:22
Client Sample ID:	EX-11-TPH-9DL2	Operator:	YP\AJ
Data file:	FF015505.D	Misc:	
Instrument:	FID_F	ALS Vial:	89
Dilution Factor:	25	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	13702312	99.204	200	ug/ml
Aromatic C12-C16	6.375	9.068	39895721	297.363	300	ug/ml
Aromatic C16-C21	9.069	13.385	44136227	358.247	500	ug/ml
Aromatic C21-C36	13.386	18.838	3603354	30.595	800	ug/ml
Aromatic EPH	4.505	18.838	101337614	785.409		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	299835	2.27		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	450403	3.79		ug/ml
2-Fluorobiphenyl (SURR)	8.873	8.873	163378	2.15		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-10	SDG No.:	Q1308
Lab Sample ID:	Q1308-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.3
Sample Wt/Vol:	30.07 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/10/25 11:00	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	692		100	49.0	129	mg/kg FE052312.D
Aliphatic C12-C16	Aliphatic C12-C16	1340		100	31.0	86.0	mg/kg FE052312.D
Aliphatic C16-C21	Aliphatic C16-C21	472		100	38.7	129	mg/kg FE052312.D
Aliphatic C21-C28	Aliphatic C21-C28	74.4		10	10.3	17.2	mg/kg FE052311.D
Aliphatic C28-C40	Aliphatic C28-C40	39.4		1	2.32	2.58	mg/kg FE052290.D
Aromatic C10-C12	Aromatic C10-C12	122		10	3.87	8.60	mg/kg FF015506.D
Aromatic C12-C16	Aromatic C12-C16	361		20	8.78	25.8	mg/kg FF015507.D
Aromatic C16-C21	Aromatic C16-C21	436		20	24.8	43.0	mg/kg FF015507.D
Aromatic C21-C36	Aromatic C21-C36	46.3		1	2.58	3.44	mg/kg FF015492.D
Total AliphaticEPH	Total AliphaticEPH	2620			131	364	mg/kg
Total AromaticEPH	Total AromaticEPH	965			40.0	80.8	mg/kg
Total EPH	Total EPH	3580			171	445	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:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-10	SDG No.:	Q1308
Lab Sample ID:	Q1308-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.3
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
FE052290.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	588	E	0.49	1.29	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1210	E	0.31	0.86	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	401	E	0.39	1.29	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	76.5	E	1.03	1.72	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	39.4		2.32	2.58	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	49.1		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:	Q1308-09	Acq On:	07 Feb 2025 14:27
Client Sample ID:	EX-11-TPH-10	Operator:	YP\AJ
Data file:	FE052290.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	657306922	6830	300	ug/ml
Aliphatic C12-C16	7.236	10.639	1472810704	14100	200	ug/ml
Aliphatic C16-C21	10.640	13.984	527737200	4670	300	ug/ml
Aliphatic C21-C28	13.985	17.628	101403257	889.512	400	ug/ml
Aliphatic C28-C40	17.629	22.712	41879579	457.433	600	ug/ml
Aliphatic EPH	3.679	22.712	2801137662	26900		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.728	13.728	4843224	49.07		ug/ml
Aliphatic C9-C28	3.679	17.628	2759258083	26500	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-10	SDG No.:	Q1308
Lab Sample ID:	Q1308-09	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.3
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
FF015492.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	106	E	0.39	0.86	mg/kg
Aromatic C12-C16	Aromatic C12-C16	358	E	0.44	1.29	mg/kg
Aromatic C16-C21	Aromatic C16-C21	430	E	1.24	2.15	mg/kg
Aromatic C21-C36	Aromatic C21-C36	46.3		2.58	3.44	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	64.6		40 - 140	129%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	45.6		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	53.7		40 - 140	107%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-09	Acq On:	07 Feb 2025 14:28
Client Sample ID:	EX-11-TPH-10	Operator:	YP\AJ
Data file:	FF015492.D	Misc:	
Instrument:	FID_F	ALS Vial:	78
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	170387351	1230	200	ug/ml
Aromatic C12-C16	6.375	9.068	559454181	4170	300	ug/ml
Aromatic C16-C21	9.069	13.385	616599553	5000	500	ug/ml
Aromatic C21-C36	13.386	18.838	63336465	537.769	800	ug/ml
Aromatic EPH	4.505	18.838	1409777550	10900		ug/ml
2-Bromonaphthalene (SURR)	8.003	8.003	7677487	64.6		ug/ml
2-Fluorobiphenyl (SURR)	8.883	8.883	3460466	45.57		ug/ml
ortho-Terphenyl (SURR)	11.944	11.944	7087456	53.74		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-10DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-09DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.3
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
FE052311.D	10	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	647	E	4.90	12.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1280	E	3.10	8.60	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	428	E	3.87	12.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	74.4		10.3	17.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	41.7		23.2	25.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.45		40 - 140	109%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-09DL	Acq On:	10 Feb 2025 10:30
Client Sample ID:	EX-11-TPH-10DL	Operator:	YP\AJ
Data file:	FE052311.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.682	7.240	72331675	752.011	300	ug/ml
Aliphatic C12-C16	7.241	10.644	155620826	1490	200	ug/ml
Aliphatic C16-C21	10.645	13.990	56260035	497.778	300	ug/ml
Aliphatic C21-C28	13.991	17.632	9851267	86.416	400	ug/ml
Aliphatic C28-C40	17.633	22.724	4434278	48.434	600	ug/ml
Aliphatic EPH	3.682	22.724	298498081	2870		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.726	13.726	537758	5.45		ug/ml
Aliphatic C9-C28	3.682	17.632	294063803	2820	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-10DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-09DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.3
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
FF015506.D	10	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	122		3.87	8.60	mg/kg
Aromatic C12-C16	Aromatic C12-C16	385	E	4.39	12.9	mg/kg
Aromatic C16-C21	Aromatic C16-C21	477	E	12.4	21.5	mg/kg
Aromatic C21-C36	Aromatic C21-C36	41.0		25.8	34.4	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	6.66		40 - 140	133%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	4.16		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.82		40 - 140	116%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-09DL	Acq On:	08 Feb 2025 02:51
Client Sample ID:	EX-11-TPH-10DL	Operator:	YP\AJ
Data file:	FF015506.D	Misc:	
Instrument:	FID_F	ALS Vial:	90
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	19638035	142.179	200	ug/ml
Aromatic C12-C16	6.375	9.068	60130405	448.183	300	ug/ml
Aromatic C16-C21	9.069	13.385	68349089	554.779	500	ug/ml
Aromatic C21-C36	13.386	18.838	5618589	47.706	800	ug/ml
Aromatic EPH	4.505	18.838	153736118	1190		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	767589	5.82		ug/ml
2-Bromonaphthalene (SURR)	7.996	7.996	791889	6.66		ug/ml
2-Fluorobiphenyl (SURR)	8.872	8.872	315578	4.16		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-10DL2	SDG No.:	Q1308
Lab Sample ID:	Q1308-09DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.3
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
FE052312.D	100	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	692		49.0	129	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1340		31.0	86.0	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	472		38.7	129	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	80.8	J	103	172	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	232	U	232	258	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:	Q1308-09DL2	Acq On:	10 Feb 2025 11:00
Client Sample ID:	EX-11-TPH-10DL2	Operator:	YP\AJ
Data file:	FE052312.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	100	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.682	7.240	7739324	80.463	300	ug/ml
Aliphatic C12-C16	7.241	10.644	16291656	155.582	200	ug/ml
Aliphatic C16-C21	10.645	13.990	6208200	54.929	300	ug/ml
Aliphatic C21-C28	13.991	17.632	1070784	9.393	400	ug/ml
Aliphatic C28-C40	17.633	22.724	559600	6.112	600	ug/ml
Aliphatic EPH	3.682	22.724	31869564	306.48		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	3.682	17.632	31309964	300.367	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-10DL2	SDG No.:	Q1308
Lab Sample ID:	Q1308-09DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	77.3
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
FF015507.D	20	02/06/25	02/08/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	112		7.74	17.2	mg/kg
Aromatic C12-C16	Aromatic C12-C16	361		8.78	25.8	mg/kg
Aromatic C16-C21	Aromatic C16-C21	436		24.8	43.0	mg/kg
Aromatic C21-C36	Aromatic C21-C36	36.5	J	51.6	68.8	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	3.24		40 - 140	130%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	1.43		40 - 140	57%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.74		40 - 140	110%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-09DL2	Acq On:	08 Feb 2025 03:19
Client Sample ID:	EX-11-TPH-10DL2	Operator:	YP\AJ
Data file:	FF015507.D	Misc:	
Instrument:	FID_F	ALS Vial:	91
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	9031224	65.386	200	ug/ml
Aromatic C12-C16	6.375	9.068	28185111	210.078	300	ug/ml
Aromatic C16-C21	9.069	13.385	31263856	253.764	500	ug/ml
Aromatic C21-C36	13.386	18.838	2499003	21.218	800	ug/ml
Aromatic EPH	4.505	18.838	70979194	550.446		ug/ml
ortho-Terphenyl (SURR)	11.930	11.930	361280	2.74		ug/ml
2-Bromonaphthalene (SURR)	7.997	7.997	384639	3.24		ug/ml
2-Fluorobiphenyl (SURR)	8.875	8.875	108505	1.43		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-11	SDG No.:	Q1308
Lab Sample ID:	Q1308-10	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.1
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
02/06/25 14:20	02/10/25 11:30	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	274		50	21.5	56.7	mg/kg FE052313.D
Aliphatic C12-C16	Aliphatic C12-C16	552		50	13.6	37.8	mg/kg FE052313.D
Aliphatic C16-C21	Aliphatic C16-C21	185		50	17.0	56.7	mg/kg FE052313.D
Aliphatic C21-C28	Aliphatic C21-C28	19.3		1	0.91	1.51	mg/kg FE052291.D
Aliphatic C28-C40	Aliphatic C28-C40	17.0		1	2.04	2.27	mg/kg FE052291.D
Aromatic C10-C12	Aromatic C10-C12	40.6		10	3.40	7.55	mg/kg FF015513.D
Aromatic C12-C16	Aromatic C12-C16	159		10	3.85	11.3	mg/kg FF015513.D
Aromatic C16-C21	Aromatic C16-C21	182		10	10.9	18.9	mg/kg FF015513.D
Aromatic C21-C36	Aromatic C21-C36	14.3		1	2.27	3.02	mg/kg FF015493.D
Total AliphaticEPH	Total AliphaticEPH	1050			55.0	155	mg/kg
Total AromaticEPH	Total AromaticEPH	396			20.4	40.8	mg/kg
Total EPH	Total EPH	1440			75.5	196	mg/kg

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-11	SDG No.:	Q1308
Lab Sample ID:	Q1308-10	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.1
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
FE052291.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	233	E	0.43	1.13	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	466	E	0.27	0.76	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	158	E	0.34	1.13	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	19.3		0.91	1.51	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	17.0		2.04	2.27	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	47.8		40 - 140	96%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-10	Acq On:	07 Feb 2025 14:57
Client Sample ID:	EX-11-TPH-11	Operator:	YP\AJ
Data file:	FE052291.D	Misc:	
Instrument:	FID_E	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	297467375	3090	300	ug/ml
Aliphatic C12-C16	7.236	10.639	646816462	6180	200	ug/ml
Aliphatic C16-C21	10.640	13.984	236773534	2090	300	ug/ml
Aliphatic C21-C28	13.985	17.628	29117307	255.418	400	ug/ml
Aliphatic C28-C40	17.629	22.712	20632731	225.362	600	ug/ml
Aliphatic EPH	3.679	22.712	1230807409	11800		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.724	13.724	4721308	47.84		ug/ml
Aliphatic C9-C28	3.679	17.628	1210174678	11600	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-11	SDG No.:	Q1308
Lab Sample ID:	Q1308-10	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.1
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
FF015493.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	37.0	E	0.34	0.76	mg/kg
Aromatic C12-C16	Aromatic C12-C16	135	E	0.39	1.13	mg/kg
Aromatic C16-C21	Aromatic C16-C21	165	E	1.09	1.89	mg/kg
Aromatic C21-C36	Aromatic C21-C36	14.3		2.27	3.02	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	69.5		40 - 140	139%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	45.8		40 - 140	92%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	50.6		40 - 140	101%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-10	Acq On:	07 Feb 2025 14:56
Client Sample ID:	EX-11-TPH-11	Operator:	YP\AJ
Data file:	FF015493.D	Misc:	
Instrument:	FID_F	ALS Vial:	79
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	67620336	489.568	200	ug/ml
Aromatic C12-C16	6.375	9.068	241068117	1800	300	ug/ml
Aromatic C16-C21	9.069	13.385	269978074	2190	500	ug/ml
Aromatic C21-C36	13.386	18.838	22321182	189.522	800	ug/ml
Aromatic EPH	4.505	18.838	600987709	4670		ug/ml
2-Bromonaphthalene (SURR)	8.000	8.000	8266626	69.55		ug/ml
2-Fluorobiphenyl (SURR)	8.876	8.876	3479433	45.82		ug/ml
ortho-Terphenyl (SURR)	11.938	11.938	6679792	50.65		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-11DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-10DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.1
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
FE052313.D	50	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	274		21.5	56.7	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	552		13.6	37.8	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	185		17.0	56.7	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	17.9	J	45.3	75.5	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	101	U	101	113	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:	Q1308-10DL	Acq On:	10 Feb 2025 11:30
Client Sample ID:	EX-11-TPH-11DL	Operator:	YP\AJ
Data file:	FE052313.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.682	7.240	6997396	72.75	300	ug/ml
Aliphatic C12-C16	7.241	10.644	15311215	146.219	200	ug/ml
Aliphatic C16-C21	10.645	13.990	5562079	49.212	300	ug/ml
Aliphatic C21-C28	13.991	17.632	539026	4.728	400	ug/ml
Aliphatic C28-C40	17.633	22.724	496136	5.419	600	ug/ml
Aliphatic EPH	3.682	22.724	28905852	278.329		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	3.682	17.632	28409716	272.909	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-11DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-10DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.1
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
FF015513.D	10	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	40.6		3.40	7.55	mg/kg
Aromatic C12-C16	Aromatic C12-C16	159		3.85	11.3	mg/kg
Aromatic C16-C21	Aromatic C16-C21	182		10.9	18.9	mg/kg
Aromatic C21-C36	Aromatic C21-C36	15.2	J	22.7	30.2	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	6.77		40 - 140	135%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	4.01		40 - 140	80%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.24		40 - 140	105%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-10DL	Acq On:	10 Feb 2025 09:49
Client Sample ID:	EX-11-TPH-11DL	Operator:	YP\AJ
Data file:	FF015513.D	Misc:	
Instrument:	FID_F	ALS Vial:	71
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.373	7420403	53.723	200	ug/ml
Aromatic C12-C16	6.374	9.067	28383136	211.554	300	ug/ml
Aromatic C16-C21	9.068	13.385	29687769	240.971	500	ug/ml
Aromatic C21-C36	13.386	18.840	2376027	20.174	800	ug/ml
Aromatic EPH	4.505	18.840	67867335	526.423		ug/ml
ortho-Terphenyl (SURR)	11.929	11.929	691377	5.24		ug/ml
2-Bromonaphthalene (SURR)	7.992	7.992	804271	6.77		ug/ml
2-Fluorobiphenyl (SURR)	8.869	8.869	304866	4.01		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-12	SDG No.:	Q1308
Lab Sample ID:	Q1308-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.8
Sample Wt/Vol:	30.1 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/10/25 12:00	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	74.9		20	8.53	22.4	mg/kg FE052314.D
Aliphatic C12-C16	Aliphatic C12-C16	211		20	5.39	15.0	mg/kg FE052314.D
Aliphatic C16-C21	Aliphatic C16-C21	117		20	6.73	22.4	mg/kg FE052314.D
Aliphatic C21-C28	Aliphatic C21-C28	15.8		1	0.90	1.50	mg/kg FE052292.D
Aliphatic C28-C40	Aliphatic C28-C40	24.3		1	2.02	2.24	mg/kg FE052292.D
Aromatic C10-C12	Aromatic C10-C12	10.5		1	0.34	0.75	mg/kg FF015494.D
Aromatic C12-C16	Aromatic C12-C16	59.9		5	1.91	5.61	mg/kg FF015514.D
Aromatic C16-C21	Aromatic C16-C21	121		5	5.39	9.35	mg/kg FF015514.D
Aromatic C21-C36	Aromatic C21-C36	18.7		1	2.24	2.99	mg/kg FF015494.D
Total AliphaticEPH	Total AliphaticEPH	443			23.6	63.5	mg/kg
Total AromaticEPH	Total AromaticEPH	210			9.88	18.7	mg/kg
Total EPH	Total EPH	653			33.4	82.2	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:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-12		SDG No.:	Q1308	
Lab Sample ID:	Q1308-11		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.8	
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
FE052292.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	65.6	E	0.43	1.12	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	187	E	0.27	0.75	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	102	E	0.34	1.12	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.8		0.90	1.50	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	24.3		2.02	2.24	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.3		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:	Q1308-11	Acq On:	07 Feb 2025 15:27
Client Sample ID:	EX-11-TPH-12	Operator:	YP\AJ
Data file:	FE052292.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.679	7.235	84367793	877.147	300	ug/ml
Aliphatic C12-C16	7.236	10.639	262318234	2510	200	ug/ml
Aliphatic C16-C21	10.640	13.984	154280737	1370	300	ug/ml
Aliphatic C21-C28	13.985	17.628	24032361	210.812	400	ug/ml
Aliphatic C28-C40	17.629	22.712	29677128	324.15	600	ug/ml
Aliphatic EPH	3.679	22.712	554676253	5280		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.724	13.724	3189852	32.32		ug/ml
Aliphatic C9-C28	3.679	17.628	524999125	4960	1200	ug/ml

Report of Analysis

Client:	ENTACT		Date Collected:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-12		SDG No.:	Q1308	
Lab Sample ID:	Q1308-11		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.8	
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
FF015494.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	10.5		0.34	0.75	mg/kg
Aromatic C12-C16	Aromatic C12-C16	50.8	E	0.38	1.12	mg/kg
Aromatic C16-C21	Aromatic C16-C21	111	E	1.08	1.87	mg/kg
Aromatic C21-C36	Aromatic C21-C36	18.7		2.24	2.99	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	58.9		40 - 140	118%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	46.8		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.5		40 - 140	63%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-11	Acq On:	07 Feb 2025 15:24
Client Sample ID:	EX-11-TPH-12	Operator:	YP\AJ
Data file:	FF015494.D	Misc:	
Instrument:	FID_F	ALS Vial:	80
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.374	19320318	139.878	200	ug/ml
Aromatic C12-C16	6.375	9.068	91111750	679.103	300	ug/ml
Aromatic C16-C21	9.069	13.385	183889746	1490	500	ug/ml
Aromatic C21-C36	13.386	18.838	29413348	249.739	800	ug/ml
Aromatic EPH	4.505	18.838	323735162	2560		ug/ml
2-Bromonaphthalene (SURR)	7.998	7.998	6994291	58.85		ug/ml
2-Fluorobiphenyl (SURR)	8.874	8.874	3551284	46.76		ug/ml
ortho-Terphenyl (SURR)	11.935	11.935	4157804	31.53		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-12DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-11DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.8
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
FE052314.D	20	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	74.9		8.53	22.4	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	211		5.39	15.0	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	117		6.73	22.4	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	15.0	J	18.0	29.9	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	27.8	J	40.4	44.9	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.89		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:	Q1308-11DL	Acq On:	10 Feb 2025 12:00
Client Sample ID:	EX-11-TPH-12DL	Operator:	YP\AJ
Data file:	FE052314.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	20	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.682	7.240	4814926	50.059	300	ug/ml
Aliphatic C12-C16	7.241	10.644	14803398	141.37	200	ug/ml
Aliphatic C16-C21	10.645	13.990	8877872	78.55	300	ug/ml
Aliphatic C21-C28	13.991	17.632	1143650	10.032	400	ug/ml
Aliphatic C28-C40	17.633	22.724	1703415	18.606	600	ug/ml
Aliphatic EPH	3.682	22.724	31343261	298.616		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.729	13.729	186337	1.89		ug/ml
Aliphatic C9-C28	3.682	17.632	29639846	280.011	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-12DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-11DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.8
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
FF015514.D	5	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	11.9		1.68	3.74	mg/kg
Aromatic C12-C16	Aromatic C12-C16	59.9		1.91	5.61	mg/kg
Aromatic C16-C21	Aromatic C16-C21	121		5.39	9.35	mg/kg
Aromatic C21-C36	Aromatic C21-C36	19.2		11.2	15.0	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	11.9		40 - 140	119%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	9.14		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	6.91		40 - 140	69%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-11DL	Acq On:	10 Feb 2025 10:17
Client Sample ID:	EX-11-TPH-12DL	Operator:	YP\AJ
Data file:	FF015514.D	Misc:	
Instrument:	FID_F	ALS Vial:	72
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.505	6.373	4397643	31.839	200	ug/ml
Aromatic C12-C16	6.374	9.067	21471717	160.04	300	ug/ml
Aromatic C16-C21	9.068	13.385	39846933	323.431	500	ug/ml
Aromatic C21-C36	13.386	18.840	6049070	51.361	800	ug/ml
Aromatic EPH	4.505	18.840	71765363	566.671		ug/ml
ortho-Terphenyl (SURR)	11.931	11.931	911595	6.91		ug/ml
2-Bromonaphthalene (SURR)	7.994	7.994	1409131	11.86		ug/ml
2-Flurobiphenyl (SURR)	8.871	8.871	693834	9.14		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-13	SDG No.:	Q1308
Lab Sample ID:	Q1308-12	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.3
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/06/25 14:20	02/10/25 11:32	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	890		50	22.0	57.9	mg/kg FC068245.D
Aliphatic C12-C16	Aliphatic C12-C16	2000		200	55.5	154	mg/kg FC068246.D
Aliphatic C16-C21	Aliphatic C16-C21	545		50	17.4	57.9	mg/kg FC068245.D
Aliphatic C21-C28	Aliphatic C21-C28	111		10	9.26	15.4	mg/kg FC068244.D
Aliphatic C28-C40	Aliphatic C28-C40	90.2		10	20.8	23.1	mg/kg FC068244.D
Aromatic C10-C12	Aromatic C10-C12	116		50	17.4	38.6	mg/kg FD049067.D
Aromatic C12-C16	Aromatic C12-C16	479		50	19.7	57.9	mg/kg FD049067.D
Aromatic C16-C21	Aromatic C16-C21	545		50	55.5	96.4	mg/kg FD049067.D
Aromatic C21-C36	Aromatic C21-C36	60.6		1	2.31	3.09	mg/kg FD049060.D
Total AliphaticEPH	Total AliphaticEPH	3630			125	308	mg/kg
Total AromaticEPH	Total AromaticEPH	1200			94.9	196	mg/kg
Total EPH	Total EPH	4830			220	504	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:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-13		SDG No.:	Q1308	
Lab Sample ID:	Q1308-12		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	86.3	
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
FC068237.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	923	E	0.44	1.16	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1740	E	0.28	0.77	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	469	E	0.35	1.16	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	96.6	E	0.93	1.54	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	70.9	E	2.08	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	67.8		40 - 140	136%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-12	Acq On:	07 Feb 2025 16:45
Client Sample ID:	EX-11-TPH-13	Operator:	YP/AJ
Data file:	FC068237.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.111	6.377	1658118628	12000	300	ug/ml
Aliphatic C12-C16	6.378	9.762	3109442486	22600	200	ug/ml
Aliphatic C16-C21	9.763	13.116	821876776	6090	300	ug/ml
Aliphatic C21-C28	13.117	16.769	159233963	1250	400	ug/ml
Aliphatic C28-C40	16.770	21.574	95304750	919.585	600	ug/ml
Aliphatic EPH	3.111	21.574	5843976603	42800		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.857	12.857	7798817	67.81		ug/ml
Aliphatic C9-C28	3.111	16.769	5748671853	41900	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-13	SDG No.:	Q1308
Lab Sample ID:	Q1308-12	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.3
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
FD049060.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	109	E	0.35	0.77	mg/kg
Aromatic C12-C16	Aromatic C12-C16	436	E	0.39	1.16	mg/kg
Aromatic C16-C21	Aromatic C16-C21	468	E	1.11	1.93	mg/kg
Aromatic C21-C36	Aromatic C21-C36	60.6		2.31	3.09	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	68.3		40 - 140	137%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	69.2		40 - 140	138%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	63.3		40 - 140	127%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-12	Acq On:	07 Feb 2025 16:09
Client Sample ID:	EX-11-TPH-13	Operator:	YP/AJ
Data file:	FD049060.D	Misc:	
Instrument:	FID_D	ALS Vial:	69
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	220124834	1420	200	ug/ml
Aromatic C12-C16	5.795	8.398	917016864	5650	300	ug/ml
Aromatic C16-C21	8.399	12.662	938826588	6070	500	ug/ml
Aromatic C21-C36	12.663	18.072	111867705	785.02	800	ug/ml
Aromatic EPH	4.076	18.072	2187835991	13900		ug/ml
2-Bromonaphthalene (SURRE)	7.370	7.370	9714336	68.26		ug/ml
2-Fluorobiphenyl (SURRE)	8.225	8.225	5890489	69.23		ug/ml
ortho-Terphenyl (SURRE)	11.257	11.257	10412959	63.32		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-13DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-12DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.3
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
FC068244.D	10	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1030	E	4.40	11.6	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1790	E	2.78	7.71	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	527	E	3.47	11.6	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	111		9.26	15.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	90.2		20.8	23.1	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	7.08		40 - 140	142%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-12DL	Acq On:	10 Feb 2025 10:55
Client Sample ID:	EX-11-TPH-13DL	Operator:	YP/AJ
Data file:	FC068244.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.108	6.374	184722555	1330	300	ug/ml
Aliphatic C12-C16	6.375	9.758	319875191	2320	200	ug/ml
Aliphatic C16-C21	9.759	13.112	92382637	684.218	300	ug/ml
Aliphatic C21-C28	13.113	16.764	18344801	144.212	400	ug/ml
Aliphatic C28-C40	16.765	21.564	12114093	116.888	600	ug/ml
Aliphatic EPH	3.108	21.564	627439277	4600		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.841	12.841	814082	7.08		ug/ml
Aliphatic C9-C28	3.108	16.764	615325184	4490	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-13DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-12DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.3
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
FD049067.D	50	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	116		17.4	38.6	mg/kg
Aromatic C12-C16	Aromatic C12-C16	479		19.7	57.9	mg/kg
Aromatic C16-C21	Aromatic C16-C21	545		55.5	96.4	mg/kg
Aromatic C21-C36	Aromatic C21-C36	64.9	J	115	154	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	0.00		40 - 140	0%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-12DL	Acq On:	10 Feb 2025 10:19
Client Sample ID:	EX-11-TPH-13DL	Operator:	YP/AJ
Data file:	FD049067.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.793	4706125	30.317	200	ug/ml
Aromatic C12-C16	5.794	8.397	20158175	124.271	300	ug/ml
Aromatic C16-C21	8.398	12.659	21854341	141.316	500	ug/ml
Aromatic C21-C36	12.660	18.066	2398737	16.833	800	ug/ml
Aromatic EPH	4.076	18.066	49117378	312.737		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
2-Bromonaphthalene (SURR)	0.000	0.000	0	0		ug/ml
2-Fluorobiphenyl (SURR)	0.000	0.000	0	0		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-13DL2	SDG No.:	Q1308
Lab Sample ID:	Q1308-12DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.3
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
FC068245.D	50	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	890		22.0	57.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	1900	E	13.9	38.6	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	545		17.4	57.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	83.8		46.3	77.1	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	70.9	J	104	115	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.45		40 - 140	145%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-12DL2	Acq On:	10 Feb 2025 11:32
Client Sample ID:	EX-11-TPH-13DL2	Operator:	YP/AJ
Data file:	FC068245.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.108	6.374	31973907	230.878	300	ug/ml
Aliphatic C12-C16	6.375	9.758	67696766	491.578	200	ug/ml
Aliphatic C16-C21	9.759	13.112	19090875	141.394	300	ug/ml
Aliphatic C21-C28	13.113	16.764	2764933	21.736	400	ug/ml
Aliphatic C28-C40	16.765	21.564	1904091	18.372	600	ug/ml
Aliphatic EPH	3.108	21.564	123430572	903.958		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.841	12.841	166317	1.45		ug/ml
Aliphatic C9-C28	3.108	16.764	121526481	885.586	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-13DL3	SDG No.:	Q1308
Lab Sample ID:	Q1308-12DL3	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.3
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
FC068246.D	200	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	1040		87.9	231	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	2000		55.5	154	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	571		69.4	231	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	88.0	J	185	308	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	416	U	416	462	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:	Q1308-12DL3	Acq On:	10 Feb 2025 12:09
Client Sample ID:	EX-11-TPH-13DL3	Operator:	YP/AJ
Data file:	FC068246.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	200	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.108	6.374	9332981	67.392	300	ug/ml
Aliphatic C12-C16	6.375	9.758	17815605	129.368	200	ug/ml
Aliphatic C16-C21	9.759	13.112	4997540	37.014	300	ug/ml
Aliphatic C21-C28	13.113	16.764	725362	5.702	400	ug/ml
Aliphatic C28-C40	16.765	21.564	526296	5.078	600	ug/ml
Aliphatic EPH	3.108	21.564	33397784	244.553		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	3.108	16.764	32871488	239.476	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-14	SDG No.:	Q1308
Lab Sample ID:	Q1308-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
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
02/06/25 14:20	02/10/25 12:45	PB166603

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	40.5		10	4.62	12.2	mg/kg FC068247.D
Aliphatic C12-C16	Aliphatic C12-C16	74.3		10	2.92	8.10	mg/kg FC068247.D
Aliphatic C16-C21	Aliphatic C16-C21	10.3		1	0.37	1.22	mg/kg FC068238.D
Aliphatic C21-C28	Aliphatic C21-C28	0.97	U	1	0.97	1.62	mg/kg FC068238.D
Aliphatic C28-C40	Aliphatic C28-C40	10.1		1	2.19	2.43	mg/kg FC068238.D
Aromatic C10-C12	Aromatic C10-C12	3.26		1	0.37	0.81	mg/kg FD049061.D
Aromatic C12-C16	Aromatic C12-C16	12.8		1	0.41	1.22	mg/kg FD049061.D
Aromatic C16-C21	Aromatic C16-C21	11.0		1	1.17	2.03	mg/kg FD049061.D
Aromatic C21-C36	Aromatic C21-C36	2.86	J	1	2.43	3.24	mg/kg FD049061.D
Total AliphaticEPH	Total AliphaticEPH	135			11.1	25.6	mg/kg
Total AromaticEPH	Total AromaticEPH	29.9			4.38	7.30	mg/kg
Total EPH	Total EPH	165			15.4	32.9	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:	02/05/25	
Project:	North Point - 4101 Arthur Kill Rd - E9306		Date Received:	02/05/25	
Client Sample ID:	EX-11-TPH-14		SDG No.:	Q1308	
Lab Sample ID:	Q1308-13		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	82.1	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068238.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	40.0	E	0.46	1.22	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	70.1	E	0.29	0.81	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	10.3		0.37	1.22	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	0.97	U	0.97	1.62	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	10.1		2.19	2.43	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	52.4		40 - 140	105%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1308-13	Acq On:	07 Feb 2025 17:21
Client Sample ID:	EX-11-TPH-14	Operator:	YP/AJ
Data file:	FC068238.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.111	6.377	68292551	493.129	300	ug/ml
Aliphatic C12-C16	6.378	9.762	119052673	864.498	200	ug/ml
Aliphatic C16-C21	9.763	13.116	17116673	126.772	300	ug/ml
Aliphatic C21-C28	13.117	16.769	1416557	11.136	400	ug/ml
Aliphatic C28-C40	16.770	21.574	12947115	124.925	600	ug/ml
Aliphatic EPH	3.111	21.574	218825569	1620		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.848	12.848	6021985	52.36		ug/ml
Aliphatic C9-C28	3.111	16.769	205878454	1500	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-14	SDG No.:	Q1308
Lab Sample ID:	Q1308-13	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD049061.D	1	02/06/25	02/07/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	3.26		0.37	0.81	mg/kg
Aromatic C12-C16	Aromatic C12-C16	12.8		0.41	1.22	mg/kg
Aromatic C16-C21	Aromatic C16-C21	11.0		1.17	2.03	mg/kg
Aromatic C21-C36	Aromatic C21-C36	2.86	J	2.43	3.24	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	48.9		40 - 140	98%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	43.7		40 - 140	87%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	49.8		40 - 140	100%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1308-13	Acq On:	07 Feb 2025 16:45
Client Sample ID:	EX-11-TPH-14	Operator:	YP/AJ
Data file:	FD049061.D	Misc:	
Instrument:	FID_D	ALS Vial:	70
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	6247007	40.243	200	ug/ml
Aromatic C12-C16	5.795	8.398	25716243	158.535	300	ug/ml
Aromatic C16-C21	8.399	12.662	20944377	135.432	500	ug/ml
Aromatic C21-C36	12.663	18.072	5024078	35.256	800	ug/ml
Aromatic EPH	4.076	18.072	57931705	369.467		ug/ml
ortho-Terphenyl (SURR)	11.239	11.239	8182768	49.76		ug/ml
2-Bromonaphthalene (SURR)	7.353	7.353	6955762	48.87		ug/ml
2-Fluorobiphenyl (SURR)	8.202	8.202	3715804	43.67		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	02/05/25
Project:	North Point - 4101 Arthur Kill Rd - E9306	Date Received:	02/05/25
Client Sample ID:	EX-11-TPH-14DL	SDG No.:	Q1308
Lab Sample ID:	Q1308-13DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.1
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068247.D	10	02/06/25	02/10/25	PB166603

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	40.5		4.62	12.2	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	74.3		2.92	8.10	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	11.1	J	3.65	12.2	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	9.72	U	9.72	16.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.1	J	21.9	24.3	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.34		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:	Q1308-13DL	Acq On:	10 Feb 2025 12:45
Client Sample ID:	EX-11-TPH-14DL	Operator:	YP/AJ
Data file:	FC068247.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.108	6.374	6921238	49.977	300	ug/ml
Aliphatic C12-C16	6.375	9.758	12631436	91.723	200	ug/ml
Aliphatic C16-C21	9.759	13.112	1846978	13.679	300	ug/ml
Aliphatic C21-C28	13.113	16.764	161535	1.27	400	ug/ml
Aliphatic C28-C40	16.765	21.564	1550724	14.963	600	ug/ml
Aliphatic EPH	3.108	21.564	23111911	171.612		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.841	12.841	614207	5.34		ug/ml
Aliphatic C9-C28	3.108	16.764	21561187	156.649	1200	ug/ml

LAB CHRONICLE

OrderID:	Q1308	OrderDate:	2/5/2025 2:42:00 PM
Client:	ENTACT	Project:	North Point - 4101 Arthur Kill Rd - E9306
Contact:	Wyatt Seel	Location:	N41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1308-01	EX-8-TPH-1	SOIL	Diesel Range Organics Gasoline Range Organics EPH	8015D 8015D NJEPH	02/05/25	02/06/25 02/06/25	02/07/25 02/06/25 02/07/25	02/05/25
Q1308-01DL	EX-8-TPH-1DL	Solid	EPH	NJEPH	02/05/25	02/06/25	02/07/25	02/05/25
Q1308-02	EX-6-TPH-1	SOIL	Diesel Range Organics Gasoline Range Organics EPH	8015D 8015D NJEPH	02/05/25	02/06/25 02/06/25	02/07/25 02/06/25 02/07/25	02/05/25
Q1308-02DL	EX-6-TPH-1DL	Solid	EPH	NJEPH	02/05/25	02/06/25	02/07/25	02/05/25
Q1308-03	EX-6-TPH-2	SOIL	Diesel Range Organics Gasoline Range Organics EPH EPH	8015D 8015D NJEPH NJEPH	02/05/25	02/06/25 02/06/25 02/06/25	02/07/25 02/06/25 02/07/25 02/08/25	02/05/25
Q1308-03DL	EX-6-TPH-2DL	Solid	EPH	NJEPH	02/05/25	02/06/25	02/07/25	02/05/25
Q1308-03DL 2	EX-6-TPH-2DL2	Solid	EPH	NJEPH	02/05/25	02/06/25	02/07/25	02/05/25
Q1308-04	EX-11-TPH-5	SOIL	Diesel Range Organics Gasoline Range Organics EPH	8015D 8015D NJEPH	02/05/25	02/06/25 02/06/25	02/06/25 02/06/25 02/07/25	02/05/25

LAB CHRONICLE

Q1308-05	EX-11-TPH-6	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/06/25	
			Gasoline Range Organics	8015D			02/06/25	
			EPH	NJEPH		02/06/25	02/07/25	
Q1308-06	EX-11-TPH-7	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25	
			Gasoline Range Organics	8015D			02/06/25	
			EPH	NJEPH		02/06/25	02/07/25	
			EPH	NJEPH		02/06/25	02/08/25	
Q1308-06DL	EX-11-TPH-7DL	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
			EPH	NJEPH		02/06/25	02/08/25	
Q1308-06DL 2	EX-11-TPH-7DL2	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
			EPH	NJEPH		02/06/25	02/08/25	
Q1308-07	EX-11-TPH-8	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25	
			Gasoline Range Organics	8015D			02/07/25	
			EPH	NJEPH		02/06/25	02/07/25	
			EPH	NJEPH		02/06/25	02/08/25	
Q1308-07DL	EX-11-TPH-8DL	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
			EPH	NJEPH		02/06/25	02/08/25	
Q1308-08	EX-11-TPH-9	SOIL			02/05/25			02/05/25
			Diesel Range Organics	8015D		02/06/25	02/07/25	
			Gasoline Range Organics	8015D			02/07/25	
			EPH	NJEPH		02/06/25	02/07/25	
			EPH	NJEPH		02/06/25	02/08/25	
Q1308-08DL	EX-11-TPH-9DL	Solid			02/05/25			02/05/25
			EPH	NJEPH		02/06/25	02/07/25	
			EPH	NJEPH		02/06/25	02/08/25	

LAB CHRONICLE

Q1308-08DL 2	EX-11-TPH-9DL2	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/08/25	
Q1308-09	EX-11-TPH-10	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25	
			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/08/25	
Q1308-09DL	EX-11-TPH-10DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/08/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-09DL 2	EX-11-TPH-10DL2	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/08/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-10	EX-11-TPH-11	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25	
			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-10DL	EX-11-TPH-11DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-11	EX-11-TPH-12	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25	
			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-11DL	EX-11-TPH-12DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-12	EX-11-TPH-13	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25	

LAB CHRONICLE

			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-12DL	EX-11-TPH-13DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-12DL 2	EX-11-TPH-13DL2	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-12DL 3	EX-11-TPH-13DL3	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-13	EX-11-TPH-14	SOIL			02/05/25		02/05/25
			Diesel Range Organics	8015D	02/06/25	02/07/25	
			Gasoline Range Organics	8015D		02/07/25	
			EPH	NJEPH	02/06/25	02/07/25	
			EPH	NJEPH	02/06/25	02/10/25	
Q1308-13DL	EX-11-TPH-14DL	Solid			02/05/25		02/05/25
			EPH	NJEPH	02/06/25	02/10/25	