



A

B

C

SAMPLE DATA

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-1	SDG No.:	P5147
Lab Sample ID:	P5147-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

Prep Date :	Date Analyzed :	Prep Batch ID
12/06/24 09:50	12/09/24 9:38	PB165427

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	184		50	23.4	61.6	mg/kg FC067941.D
Aliphatic C12-C16	Aliphatic C12-C16	517		50	14.8	41.1	mg/kg FC067941.D
Aliphatic C16-C21	Aliphatic C16-C21	176		50	18.5	61.6	mg/kg FC067941.D
Aliphatic C21-C28	Aliphatic C21-C28	29.0		1	0.99	1.64	mg/kg FC067931.D
Aliphatic C28-C40	Aliphatic C28-C40	15.2		1	2.22	2.46	mg/kg FC067931.D
Aromatic C10-C12	Aromatic C10-C12	20.5		10	3.70	8.21	mg/kg FD048849.D
Aromatic C12-C16	Aromatic C12-C16	109		10	4.19	12.3	mg/kg FD048849.D
Aromatic C16-C21	Aromatic C16-C21	133		10	11.8	20.5	mg/kg FD048849.D
Aromatic C21-C36	Aromatic C21-C36	17.0		1	2.46	3.29	mg/kg FD048839.D
Total AliphaticEPH	Total AliphaticEPH	921			59.9	168	mg/kg
Total AromaticEPH	Total AromaticEPH	280			22.1	44.3	mg/kg
Total EPH	Total EPH	1200			82.1	213	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:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-1	SDG No.:	P5147
Lab Sample ID:	P5147-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067931.D	1	12/06/24	12/06/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	165	E	0.47	1.23	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	429	E	0.30	0.82	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	152	E	0.37	1.23	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	29.0		0.99	1.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	15.2		2.22	2.46	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	61.6		40 - 140	123%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5147-01	Acq On:	06 Dec 2024 18:02
Client Sample ID:	EX-8-TPH-1	Operator:	YP/AJ
Data file:	FC067931.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	3.154	6.430	334669814	2020	300	ug/ml
Aliphatic C12-C16	6.431	9.821	890287470	5230	200	ug/ml
Aliphatic C16-C21	9.822	13.180	315567855	1860	300	ug/ml
Aliphatic C21-C28	13.181	16.835	55512704	352.954	400	ug/ml
Aliphatic C28-C40	16.836	21.671	22423253	185.146	600	ug/ml
Aliphatic EPH	3.154	21.671	1618461096	9640		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.918	12.918	8940557	61.59		ug/ml
Aliphatic C9-C28	3.154	16.835	1596037843	9460	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-1	SDG No.:	P5147
Lab Sample ID:	P5147-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
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
FD048839.D	1	12/06/24	12/06/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	17.5	E	0.37	0.82	mg/kg
Aromatic C12-C16	Aromatic C12-C16	96.7	E	0.42	1.23	mg/kg
Aromatic C16-C21	Aromatic C16-C21	115	E	1.18	2.05	mg/kg
Aromatic C21-C36	Aromatic C21-C36	17.0		2.46	3.29	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	63.0		40 - 140	126%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	47.0		40 - 140	94%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	44.5		40 - 140	89%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5147-01	Acq On:	06 Dec 2024 18:02
Client Sample ID:	EX-8-TPH-1	Operator:	YP/AJ
Data file:	FD048839.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	4.086	5.803	40889098	212.945	200	ug/ml
Aromatic C12-C16	5.804	8.408	226590896	1180	300	ug/ml
Aromatic C16-C21	8.409	12.672	261146529	1410	500	ug/ml
Aromatic C21-C36	12.673	18.079	32479016	206.569	800	ug/ml
Aromatic EPH	4.086	18.079	561105539	3000		ug/ml
ortho-Terphenyl (SURR)	11.252	11.252	8566862	44.54		ug/ml
2-Bromonaphthalene (SURR)	7.367	7.367	11098769	63.04		ug/ml
2-Fluorobiphenyl (SURR)	8.217	8.217	5410994	46.98		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-1DL	SDG No.:	P5147
Lab Sample ID:	P5147-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
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
FC067941.D	50	12/06/24	12/09/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	184		23.4	61.6	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	517		14.8	41.1	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	176		18.5	61.6	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	22.6	J	49.3	82.1	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	110	U	110	123	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.58		40 - 140	158%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5147-01DL	Acq On:	09 Dec 2024 09:38
Client Sample ID:	EX-8-TPH-1DL	Operator:	YP/AJ
Data file:	FC067941.D	Misc:	
Instrument:	FID_C	ALS Vial:	11
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.152	6.430	7436320	44.853	300	ug/ml
Aliphatic C12-C16	6.431	9.821	21481413	126.076	200	ug/ml
Aliphatic C16-C21	9.822	13.180	7277147	42.902	300	ug/ml
Aliphatic C21-C28	13.181	16.834	865194	5.501	400	ug/ml
Aliphatic C28-C40	16.835	21.670	858177	7.086	600	ug/ml
Aliphatic EPH	3.152	21.670	37918251	226.419		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.911	12.911	229660	1.58		ug/ml
Aliphatic C9-C28	3.152	16.834	37060074	219.332	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-1DL	SDG No.:	P5147
Lab Sample ID:	P5147-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	81
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
FD048849.D	10	12/06/24	12/09/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	20.5		3.70	8.21	mg/kg
Aromatic C12-C16	Aromatic C12-C16	109		4.19	12.3	mg/kg
Aromatic C16-C21	Aromatic C16-C21	133		11.8	20.5	mg/kg
Aromatic C21-C36	Aromatic C21-C36	21.1	J	24.6	32.9	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	7.00		40 - 140	140%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	4.46		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.92		40 - 140	78%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5147-01DL	Acq On:	09 Dec 2024 10:14
Client Sample ID:	EX-8-TPH-1DL	Operator:	YP/AJ
Data file:	FD048849.D	Misc:	
Instrument:	FID_D	ALS Vial:	61
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.086	5.802	4781869	24.903	200	ug/ml
Aromatic C12-C16	5.803	8.408	25757267	133.833	300	ug/ml
Aromatic C16-C21	8.409	12.670	30287669	163.008	500	ug/ml
Aromatic C21-C36	12.671	18.079	4033956	25.656	800	ug/ml
Aromatic EPH	4.086	18.079	64860761	347.4		ug/ml
2-Bromonaphthalene (SURR)	7.363	7.363	1231851	7		ug/ml
2-Fluorobiphenyl (SURR)	8.216	8.216	513927	4.46		ug/ml
ortho-Terphenyl (SURR)	11.245	11.245	754659	3.92		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-2	SDG No.:	P5147
Lab Sample ID:	P5147-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
12/06/24 09:50	12/09/24 10:14	PB165427

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C9-C12	Aliphatic C9-C12	129		10	4.79	12.6	mg/kg FC067942.D
Aliphatic C12-C16	Aliphatic C12-C16	560		50	15.1	42.0	mg/kg FC067943.D
Aliphatic C16-C21	Aliphatic C16-C21	417		50	18.9	63.0	mg/kg FC067943.D
Aliphatic C21-C28	Aliphatic C21-C28	64.7		10	10.1	16.8	mg/kg FC067942.D
Aliphatic C28-C40	Aliphatic C28-C40	25.1		1	2.27	2.52	mg/kg FC067935.D
Aromatic C10-C12	Aromatic C10-C12	33.4		10	3.78	8.40	mg/kg FD048850.D
Aromatic C12-C16	Aromatic C12-C16	125		10	4.29	12.6	mg/kg FD048850.D
Aromatic C16-C21	Aromatic C16-C21	263		10	12.1	21.0	mg/kg FD048850.D
Aromatic C21-C36	Aromatic C21-C36	56.9		1	2.52	3.36	mg/kg FD048843.D
Total AliphaticEPH	Total AliphaticEPH	1200			51.2	137	mg/kg
Total AromaticEPH	Total AromaticEPH	478			22.7	45.4	mg/kg
Total EPH	Total EPH	1670			73.8	182	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:	12/05/24	
Project:	North Point		Date Received:	12/05/24	
Client Sample ID:	EX-8-TPH-2		SDG No.:	P5147	
Lab Sample ID:	P5147-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	79.3	
Sample Wt/Vol:	30.01	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067935.D	1	12/06/24	12/06/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	126	E	0.48	1.26	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	400	E	0.30	0.84	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	300	E	0.38	1.26	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	73.9	E	1.01	1.68	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	25.1		2.27	2.52	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.5		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5147-02	Acq On:	06 Dec 2024 20:24
Client Sample ID:	EX-8-TPH-2	Operator:	YP/AJ
Data file:	FC067935.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	3.154	6.430	248757622	1500	300	ug/ml
Aliphatic C12-C16	6.431	9.821	812382026	4770	200	ug/ml
Aliphatic C16-C21	9.822	13.180	607429174	3580	300	ug/ml
Aliphatic C21-C28	13.181	16.835	138383766	879.856	400	ug/ml
Aliphatic C28-C40	16.836	21.671	36232567	299.167	600	ug/ml
Aliphatic EPH	3.154	21.671	1843185155	11000		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.918	12.918	6453877	44.46		ug/ml
Aliphatic C9-C28	3.154	16.835	1806952588	10700	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-2	SDG No.:	P5147
Lab Sample ID:	P5147-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048843.D	1	12/06/24	12/06/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	28.6	E	0.38	0.84	mg/kg
Aromatic C12-C16	Aromatic C12-C16	118	E	0.43	1.26	mg/kg
Aromatic C16-C21	Aromatic C16-C21	247	E	1.21	2.10	mg/kg
Aromatic C21-C36	Aromatic C21-C36	56.9		2.52	3.36	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	68.2		40 - 140	136%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	63.8		40 - 140	128%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	60.8		40 - 140	122%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5147-02	Acq On:	06 Dec 2024 20:24
Client Sample ID:	EX-8-TPH-2	Operator:	YP/AJ
Data file:	FD048843.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	4.086	5.803	65362616	340.399	200	ug/ml
Aromatic C12-C16	5.804	8.408	271127927	1410	300	ug/ml
Aromatic C16-C21	8.409	12.672	547953056	2950	500	ug/ml
Aromatic C21-C36	12.673	18.079	106519418	677.471	800	ug/ml
Aromatic EPH	4.086	18.079	990963017	5380		ug/ml
2-Bromonaphthalene (SURRE)	7.367	7.367	12004144	68.18		ug/ml
2-Fluorobiphenyl (SURRE)	8.220	8.220	7347362	63.8		ug/ml
ortho-Terphenyl (SURRE)	11.257	11.257	11691228	60.79		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-2DL	SDG No.:	P5147
Lab Sample ID:	P5147-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067942.D	10	12/06/24	12/09/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	129		4.79	12.6	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	509	E	3.03	8.40	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	381	E	3.78	12.6	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	64.7		10.1	16.8	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	31.0		22.7	25.2	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.61		40 - 140	112%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P5147-02DL	Acq On:	09 Dec 2024 10:14
Client Sample ID:	EX-8-TPH-2DL	Operator:	YP/AJ
Data file:	FC067942.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.152	6.430	25543189	154.068	300	ug/ml
Aliphatic C12-C16	6.431	9.821	103269232	606.096	200	ug/ml
Aliphatic C16-C21	9.822	13.180	76976899	453.816	300	ug/ml
Aliphatic C21-C28	13.181	16.834	12108518	76.987	400	ug/ml
Aliphatic C28-C40	16.835	21.670	4463189	36.852	600	ug/ml
Aliphatic EPH	3.152	21.670	222361027	1330		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.909	12.909	814960	5.61		ug/ml
Aliphatic C9-C28	3.152	16.834	217897838	1290	1200	ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-2DL	SDG No.:	P5147
Lab Sample ID:	P5147-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FD048850.D	10	12/06/24	12/09/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	33.4		3.78	8.40	mg/kg
Aromatic C12-C16	Aromatic C12-C16	125		4.29	12.6	mg/kg
Aromatic C16-C21	Aromatic C16-C21	263		12.1	21.0	mg/kg
Aromatic C21-C36	Aromatic C21-C36	50.1		25.2	33.6	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	8.19		40 - 140	164%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	7.08		40 - 140	142%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	5.16		40 - 140	103%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	P5147-02DL	Acq On:	09 Dec 2024 10:50
Client Sample ID:	EX-8-TPH-2DL	Operator:	YP/AJ
Data file:	FD048850.D	Misc:	
Instrument:	FID_D	ALS Vial:	62
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.086	5.802	7636736	39.771	200	ug/ml
Aromatic C12-C16	5.803	8.408	28725690	149.256	300	ug/ml
Aromatic C16-C21	8.409	12.670	58331667	313.941	500	ug/ml
Aromatic C21-C36	12.671	18.079	9370180	59.595	800	ug/ml
Aromatic EPH	4.086	18.079	104064273	562.563		ug/ml
2-Bromonaphthalene (SURR)	7.363	7.363	1441772	8.19		ug/ml
2-Fluorobiphenyl (SURR)	8.214	8.214	815834	7.08		ug/ml
ortho-Terphenyl (SURR)	11.245	11.245	992493	5.16		ug/ml

Report of Analysis

Client:	ENTACT	Date Collected:	12/05/24
Project:	North Point	Date Received:	12/05/24
Client Sample ID:	EX-8-TPH-2DL2	SDG No.:	P5147
Lab Sample ID:	P5147-02DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	79.3
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC067943.D	50	12/06/24	12/09/24	PB165427

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	152		24.0	63.0	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	560		15.1	42.0	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	417		18.9	63.0	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	63.3	J	50.4	84.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	113	U	113	126	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:	P5147-02DL2	Acq On:	09 Dec 2024 10:50
Client Sample ID:	EX-8-TPH-2DL2	Operator:	YP/AJ
Data file:	FC067943.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.152	6.430	6017876	36.298	300	ug/ml
Aliphatic C12-C16	6.431	9.821	22714175	133.311	200	ug/ml
Aliphatic C16-C21	9.822	13.180	16842214	99.293	300	ug/ml
Aliphatic C21-C28	13.181	16.834	2367979	15.056	400	ug/ml
Aliphatic C28-C40	16.835	21.670	279091	2.304	600	ug/ml
Aliphatic EPH	3.152	21.670	48221335	286.262		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	3.152	16.834	47942244	283.958	1200	ug/ml

LAB CHRONICLE

OrderID:	P5147	OrderDate:	12/5/2024 2:58:00 PM
Client:	ENTACT	Project:	North Point
Contact:	Wyatt Seel	Location:	L41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
P5147-01	EX-8-TPH-1	SOIL			12/05/24			12/05/24
			Diesel Range Organics	8015D		12/06/24	12/09/24	
			Gasoline Range Organics	8015D			12/09/24	
			EPH	NJEPH		12/06/24	12/06/24	
P5147-01DL	EX-8-TPH-1DL	Solid			12/05/24			12/05/24
			EPH	NJEPH		12/06/24	12/09/24	
P5147-02	EX-8-TPH-2	SOIL			12/05/24			12/05/24
			Diesel Range Organics	8015D		12/06/24	12/09/24	
			Gasoline Range Organics	8015D			12/09/24	
			EPH	NJEPH		12/06/24	12/06/24	
P5147-02DL	EX-8-TPH-2DL	Solid			12/05/24			12/05/24
			EPH	NJEPH		12/06/24	12/09/24	
P5147-02DL 2	EX-8-TPH-2DL2	Solid			12/05/24			12/05/24
			EPH	NJEPH		12/06/24	12/09/24	