



SAMPLE DATA

A

B

C

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/05/25 09:05	05/05/25 14:14	PB167855

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.29	U	1	1.29	2.19	mg/kg	FE053641.D
Aliphatic C9-C28	Aliphatic C9-C28	1.00	U	1	1.00	4.39	mg/kg	FE053641.D
Total AliphaticEPH	Total AliphaticEPH	2.29	U		2.29	6.58	mg/kg	
Total EPH	Total EPH	2.29	U		2.29	6.58	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	SMALL-PILE-A	SDG No.:	Q1936
Lab Sample ID:	Q1936-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91
Sample Wt/Vol:	30.06 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053641.D	1	05/05/25	05/05/25	PB167855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	1.00	U	1.00	4.39	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.29	U	1.29	2.19	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.3		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.8		40 - 140	70%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1936-02	Acq On:	05 May 2025 14:14
Client Sample ID:	SMALL-PILE-A	Operator:	YP\AJ
Data file:	FE053641.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	337834	2.438	300	ug/ml
Aliphatic C12-C16	6.756	10.204	828499	5.842	200	ug/ml
Aliphatic C16-C21	10.205	13.579	303441	2.087	300	ug/ml
Aliphatic C21-C28	13.580	17.249	448404	3.154	400	ug/ml
Aliphatic C28-C40	17.250	22.140	186549	1.446	600	ug/ml
Aliphatic EPH	3.112	22.140	2104727	14.968		ug/ml
ortho-Terphenyl (SURR)	11.865	11.865	6279475	34.82		ug/ml
1-chlorooctadecane (SURR)	13.310	13.310	4771711	35.3		ug/ml
Aliphatic C9-C28	3.112	17.249	1918178	13.521	1200	ug/ml

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.7
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/05/25 09:05	05/05/25 14:45	PB167855

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	3.38		1	1.26	2.13	mg/kg	FE053642.D
Aliphatic C9-C28	Aliphatic C9-C28	0.97	U	1	0.97	4.27	mg/kg	FE053642.D
Total AliphaticEPH	Total AliphaticEPH	3.38	J		2.23	6.40	mg/kg	
Total EPH	Total EPH	3.38	J		2.23	6.40	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

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B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

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Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	SMALL-PILE-B	SDG No.:	Q1936
Lab Sample ID:	Q1936-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.7
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053642.D	1	05/05/25	05/05/25	PB167855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.97	U	0.97	4.27	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.38		1.26	2.13	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	28.0		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.5		40 - 140	55%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1936-04	Acq On:	05 May 2025 14:45
Client Sample ID:	SMALL-PILE-B	Operator:	YP\AJ
Data file:	FE053642.D	Misc:	
Instrument:	FID_E	ALS Vial:	7
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	339678	2.451	300	ug/ml
Aliphatic C12-C16	6.756	10.204	588157	4.148	200	ug/ml
Aliphatic C16-C21	10.205	13.579	294826	2.028	300	ug/ml
Aliphatic C21-C28	13.580	17.249	760782	5.351	400	ug/ml
Aliphatic C28-C40	17.250	22.140	6125785	47.469	600	ug/ml
Aliphatic EPH	3.112	22.140	8109228	61.447		ug/ml
ortho-Terphenyl (SURR)	11.865	11.865	4959407	27.5		ug/ml
1-chlorooctadecane (SURR)	13.310	13.310	3786194	28.01		ug/ml
Aliphatic C9-C28	3.112	17.249	1983443	13.978	1200	ug/ml

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/05/25 09:05	05/05/25 15:14	PB167855

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	2.30		1	1.22	2.08	mg/kg	FE053643.D
Aliphatic C9-C28	Aliphatic C9-C28	0.94	U	1	0.94	4.15	mg/kg	FE053643.D
Total AliphaticEPH	Total AliphaticEPH	2.30	J		2.16	6.23	mg/kg	
Total EPH	Total EPH	2.30	J		2.16	6.23	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

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Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	SMALL-PILE-C	SDG No.:	Q1936
Lab Sample ID:	Q1936-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053643.D	1	05/05/25	05/05/25	PB167855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.94	U	0.94	4.15	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.30		1.22	2.08	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.0		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.2		40 - 140	62%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1936-06	Acq On:	05 May 2025 15:14
Client Sample ID:	SMALL-PILE-C	Operator:	YP\AJ
Data file:	FE053643.D	Misc:	
Instrument:	FID_E	ALS Vial:	8
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	502288	3.625	300	ug/ml
Aliphatic C12-C16	6.756	10.204	589547	4.157	200	ug/ml
Aliphatic C16-C21	10.205	13.579	273409	1.881	300	ug/ml
Aliphatic C21-C28	13.580	17.249	622148	4.376	400	ug/ml
Aliphatic C28-C40	17.250	22.140	4281875	33.18	600	ug/ml
Aliphatic EPH	3.112	22.140	6269267	47.219		ug/ml
ortho-Terphenyl (SURR)	11.865	11.865	5630494	31.22		ug/ml
1-chlorooctadecane (SURR)	13.310	13.310	4332602	32.05		ug/ml
Aliphatic C9-C28	3.112	17.249	1987392	14.039	1200	ug/ml

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
05/05/25 09:05	05/05/25 15:45	PB167855

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	2.04	J	1	1.25	2.12	mg/kg	FE053644.D
Aliphatic C9-C28	Aliphatic C9-C28	0.97	U	1	0.97	4.24	mg/kg	FE053644.D
Total AliphaticEPH	Total AliphaticEPH	2.21	U		2.21	6.36	mg/kg	
Total EPH	Total EPH	2.21	U		2.21	6.36	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

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N = Presumptive Evidence of a Compound

* = Values outside of QC limits

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Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	05/01/25
Project:	Stan Hope	Date Received:	05/01/25
Client Sample ID:	SMALL-PILE-D	SDG No.:	Q1936
Lab Sample ID:	Q1936-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	94.1
Sample Wt/Vol:	30.08 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053644.D	1	05/05/25	05/05/25	PB167855

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.97	U	0.97	4.24	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.04	J	1.25	2.12	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	23.3		40 - 140	47%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.1		40 - 140	46%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1936-08	Acq On:	05 May 2025 15:45
Client Sample ID:	SMALL-PILE-D	Operator:	YP\AJ
Data file:	FE053644.D	Misc:	
Instrument:	FID_E	ALS Vial:	9
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	241658	1.744	300	ug/ml
Aliphatic C12-C16	6.756	10.204	476164	3.358	200	ug/ml
Aliphatic C16-C21	10.205	13.579	237458	1.634	300	ug/ml
Aliphatic C21-C28	13.580	17.249	418502	2.944	400	ug/ml
Aliphatic C28-C40	17.250	22.140	3727908	28.887	600	ug/ml
Aliphatic EPH	3.112	22.140	5101690	38.567		ug/ml
ortho-Terphenyl (SURR)	11.864	11.864	4157511	23.05		ug/ml
1-chlorooctadecane (SURR)	13.309	13.309	3150207	23.3		ug/ml
Aliphatic C9-C28	3.112	17.249	1373782	9.68	1200	ug/ml

LAB CHRONICLE

OrderID:	Q1936	OrderDate:	5/1/2025 2:00:17 PM
Client:	Saxton Falls Sand and Gravel Co. Inc.	Project:	Stan Hope
Contact:	Rich Schindelar	Location:	L51,VOA Ref. #2 Soil

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q1936-02	SMALL-PILE-A	Solid	EPH_NF	NJEPH	05/01/25	05/05/25	05/05/25	05/01/25
Q1936-04	SMALL-PILE-B	Solid	EPH_NF	NJEPH	05/01/25	05/05/25	05/05/25	05/01/25
Q1936-06	SMALL-PILE-C	Solid	EPH_NF	NJEPH	05/01/25	05/05/25	05/05/25	05/01/25
Q1936-08	SMALL-PILE-D	Solid	EPH_NF	NJEPH	05/01/25	05/05/25	05/05/25	05/01/25