

Report of Analysis

Client:	Saxton Falls Sand and Gravel Co. Inc.	Date Collected:	
Project:	Stan Hope	Date Received:	
Client Sample ID:	PB167855BSD	SDG No.:	Q1937
Lab Sample ID:	PB167855BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 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 15:02	PB167855

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	24.4		1	1.18	2.00	mg/kg	FC068769.D
Aliphatic C9-C28	Aliphatic C9-C28	80.0	E	1	0.91	3.99	mg/kg	FC068769.D
Total AliphaticEPH	Total AliphaticEPH	104			2.09	5.99	mg/kg	
Total EPH	Total EPH	104			2.09	5.99	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

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File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068769.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	80.0	E	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	24.4		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.4		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.1		40 - 140	66%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167855BSD	Acq On:	05 May 2025 15:02
Client Sample ID:	PB167855BSD	Operator:	YP/AJ
Data file:	FC068769.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.342	6.643	22845757	216.996	300	ug/ml
Aliphatic C12-C16	6.644	10.043	27708652	270.797	200	ug/ml
Aliphatic C16-C21	10.044	13.410	30459450	308.242	300	ug/ml
Aliphatic C21-C28	13.411	17.073	38148077	405.032	400	ug/ml
Aliphatic C28-C40	17.074	22.072	32892914	365.953	600	ug/ml
Aliphatic EPH	3.342	22.072	152054850	1570		ug/ml
ortho-Terphenyl (SURR)	11.712	11.712	4212856	33.08		ug/ml
1-chlorooctadecane (SURR)	13.144	13.144	3195733	34.4		ug/ml
Aliphatic C9-C28	3.342	17.073	119161936	1200	1200	ug/ml