284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

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:	LARGE-PILE-D	SDG No.:	Q1937
Lab Sample ID:	Q1937-08	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.9
Sample Wt/Vol:	30.07 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 19:17	PB167855

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	7.31		1	1.25	2.12	mg/kg	FC068776.D
Aliphatic C9-C28	Aliphatic C9-C28	2.52	J	1	0.97	4.25	mg/kg	FC068776.D
Total AliphaticEPH	Total AliphaticEPH	9.83			2.22	6.37	mg/kg	
Total EPH	Total EPH	9.83			2.22	6.37	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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Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068776.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		2.52	J	0.97	4.25	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		7.31		1.25	2.12	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		46.6		40 - 140	93%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		45.3		40 - 140	91%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1937-08	Acq On:	05 May 2025 19:17
Client Sample ID:	LARGE-PILE-D	Operator:	YP/AJ
Data file:	FC068776.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	3.342	6.643	268058	2.546	300	ug/ml
Aliphatic C12-C16	6.644	10.043	786936	7.691	200	ug/ml
Aliphatic C16-C21	10.044	13.410	972560	9.842	300	ug/ml
Aliphatic C21-C28	13.411	17.073	1468887	15.596	400	ug/ml
Aliphatic C28-C40	17.074	22.072	9281591	103.263	600	ug/ml
Aliphatic EPH	3.342	22.072	12778032	138.938		ug/ml
ortho-Terphenyl (SURR)	11.713	11.713	5768795	45.3		ug/ml
1-chlorooctadecane (SURR)	13.145	13.145	4327151	46.58		ug/ml
Aliphatic C9-C28	3.342	17.073	3496441	35.675	1200	ug/ml