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-E	SDG No.:	Q1937
Lab Sample ID:	Q1937-10	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93
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 16:15	PB167855

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	4.54		1	1.27	2.15	mg/kg	FE053645.D
Aliphatic C9-C28	Aliphatic C9-C28	1.48	J	1	0.98	4.29	mg/kg	FE053645.D
Total AliphaticEPH	Total AliphaticEPH	6.02	J		2.25	6.44	mg/kg	
Total EPH	Total EPH	6.02	J		2.25	6.44	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
FE053645.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		1.48	J	0.98	4.29	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		4.54		1.27	2.15	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		30.6		40 - 140	61%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		30.8		40 - 140	62%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1937-10	Acq On:	05 May 2025 16:15
Client Sample ID:	LARGE-PILE-E	Operator:	YP\AJ
Data file:	FE053645.D	Misc:	
Instrument:	FID_E	ALS Vial:	10
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	354443	2.558	300	ug/ml
Aliphatic C12-C16	6.756	10.204	818207	5.77	200	ug/ml
Aliphatic C16-C21	10.205	13.579	535424	3.683	300	ug/ml
Aliphatic C21-C28	13.580	17.249	1227382	8.633	400	ug/ml
Aliphatic C28-C40	17.250	22.140	8187139	63.442	600	ug/ml
Aliphatic EPH	3.112	22.140	11122595	84.086		ug/ml
ortho-Terphenyl (SURR)	11.865	11.865	5561211	30.83		ug/ml
1-chlorooctadecane (SURR)	13.310	13.310	4136334	30.6		ug/ml
Aliphatic C9-C28	3.112	17.249	2935456	20.644	1200	ug/ml