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-F	SDG No.:	Q1937
Lab Sample ID:	Q1937-12	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.3
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 16:45	PB167855

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	10.5		1	1.31	2.21	mg/kg	FE053646.D
Aliphatic C9-C28	Aliphatic C9-C28	2.63	J	1	1.01	4.44	mg/kg	FE053646.D
Total AliphaticEPH	Total AliphaticEPH	13.1			2.32	6.65	mg/kg	
Total EPH	Total EPH	13.1			2.32	6.65	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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Project:	Stan Hope		Date Received:	05/01/25	
Client Sample ID:	LARGE-PILE-F		SDG No.:	Q1937	
Lab Sample ID:	Q1937-12		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	90.3	
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
FE053646.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		2.63	J	1.01	4.44	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		10.5		1.31	2.21	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		30.8		40 - 140	62%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		30.9		40 - 140	62%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1937-12	Acq On:	05 May 2025 16:45
Client Sample ID:	LARGE-PILE-F	Operator:	YP\AJ
Data file:	FE053646.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	280045	2.021	300	ug/ml
Aliphatic C12-C16	6.756	10.204	820032	5.783	200	ug/ml
Aliphatic C16-C21	10.205	13.579	2200094	15.135	300	ug/ml
Aliphatic C21-C28	13.580	17.249	2084832	14.664	400	ug/ml
Aliphatic C28-C40	17.250	22.140	18319003	141.954	600	ug/ml
Aliphatic EPH	3.112	22.140	23704006	179.556		ug/ml
ortho-Terphenyl (SURR)	11.865	11.865	5569627	30.88		ug/ml
1-chlorooctadecane (SURR)	13.310	13.310	4161401	30.79		ug/ml
Aliphatic C9-C28	3.112	17.249	5385003	37.603	1200	ug/ml