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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Nelson			Date Received:	
Client Sample ID:	HL2PX6MSD			SDG No.:	Q1237
Lab Sample ID:	Q1237-06MSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	92.2
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
01/31/25 09:45	01/31/25 18:31	PB166417

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	53.0	E	1	1.95	2.17	mg/kg	FC068169.D
Aliphatic C9-C28	Aliphatic C9-C28	129	E	1	1.86	4.32	mg/kg	FC068169.D
Total AliphaticEPH	Total AliphaticEPH	182			3.81	6.49	mg/kg	
Total EPH	Total EPH	182			3.81	6.49	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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Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068169.D	1	01/31/25	01/31/25	PB166417

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	129	E	1.86	4.32	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	53.0	E	1.95	2.17	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.5		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	33.3		40 - 140	67%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1237-06MSD	Acq On:	31 Jan 2025 18:31
Client Sample ID:	HL2PX6MSD	Operator:	YP/AJ
Data file:	FC068169.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.128	6.394	22567570	162.957	300	ug/ml
Aliphatic C12-C16	6.395	9.777	34937544	253.698	200	ug/ml
Aliphatic C16-C21	9.778	13.129	74246287	549.894	300	ug/ml
Aliphatic C21-C28	13.130	16.780	103683220	815.071	400	ug/ml
Aliphatic C28-C40	16.781	21.588	76058541	733.881	600	ug/ml
Aliphatic EPH	3.128	21.588	311493162	2520		ug/ml
ortho-Terphenyl (SURR)	11.424	11.424	5207914	33.33		ug/ml
1-chlorooctadecane (SURR)	12.864	12.864	3971956	34.54		ug/ml
Aliphatic C9-C28	3.128	16.780	235434621	1780	1200	ug/ml