

Report of Analysis

Client:	G Environmental	Date Collected:	05/23/25
Project:	Seely	Date Received:	05/23/25
Client Sample ID:	GSB2	SDG No.:	Q2125
Lab Sample ID:	Q2125-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.2
Sample Wt/Vol:	30.04	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Final Vol:	2000
		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
05/28/25 09:35	05/28/25 16:39	PB168182

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	5.83		1	1.03	4.53	mg/kg	FC069034.D
Total EPH	Total EPH	5.83			1.03	4.53	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C28 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C28 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
FC069034.D	1	05/28/25	05/28/25	PB168182

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TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.83		1.03	4.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	5.18		1.34	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.8		40 - 140	90%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	41.5		40 - 140	83%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2125-02	Acq On:	28 May 2025 16:39
Client Sample ID:	GSB2	Operator:	YP/AJ
Data file:	FC069034.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.339	6.638	338961	3.206	300	ug/ml
Aliphatic C12-C16	6.639	10.038	720238	7.062	200	ug/ml
Aliphatic C16-C21	10.039	13.404	5038486	51.484	300	ug/ml
Aliphatic C21-C28	13.405	17.066	1442800	15.381	400	ug/ml
Aliphatic C28-C40	17.067	22.060	6482246	68.639	600	ug/ml
Aliphatic EPH	3.339	22.060	14022731	145.773		ug/ml
ortho-Terphenyl (SURR)	11.707	11.707	5112894	41.45		ug/ml
1-chlorooctadecane (SURR)	13.140	13.140	4022116	44.83		ug/ml
Aliphatic C9-C28	3.339	17.066	7540485	77.133	1200	ug/ml