

Report of Analysis

Client:	G Environmental		Date Collected:		
Project:	Seely		Date Received:		
Client Sample ID:	PB168182BS		SDG No.:	Q2125	
Lab Sample ID:	PB168182BS		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	100	
Sample Wt/Vol:	30.02	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_F2	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
05/28/25 08:00	05/28/25 14:46	PB168182

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	79.0		1	0.91	3.99	mg/kg	FC069031.D
Total EPH	Total EPH	79.0			0.91	3.99	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

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Seely	Date Received:	
Client Sample ID:	PB168182BS	SDG No.:	Q2125
Lab Sample ID:	PB168182BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_F2
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069031.D	1	05/28/25	05/28/25	PB168182

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	79.0		0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	23.6		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	42.6		40 - 140	85%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.4		40 - 140	79%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168182BS	Acq On:	28 May 2025 14:46
Client Sample ID:	PB168182BS	Operator:	YP/AJ
Data file:	FC069031.D	Misc:	
Instrument:	FID_C	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.339	6.638	22014737	208.241	300	ug/ml
Aliphatic C12-C16	6.639	10.038	27614549	270.77	200	ug/ml
Aliphatic C16-C21	10.039	13.404	30222427	308.817	300	ug/ml
Aliphatic C21-C28	13.405	17.066	37359587	398.273	400	ug/ml
Aliphatic C28-C40	17.067	22.060	33452926	354.228	600	ug/ml
Aliphatic EPH	3.339	22.060	150664226	1540		ug/ml
ortho-Terphenyl (SURR)	11.707	11.707	4860614	39.41		ug/ml
1-chlorooctadecane (SURR)	13.140	13.140	3820055	42.58		ug/ml
Aliphatic C9-C28	3.339	17.066	117211300	1190	1200	ug/ml