

Report of Analysis

Client:	G Environmental	Date Collected:	05/23/25
Project:	Seely	Date Received:	05/23/25
Client Sample ID:	GSB4	SDG No.:	Q2125
Lab Sample ID:	Q2125-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.3
Sample Wt/Vol:	30.08	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 17:54	PB168182

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	2.60	J	1	0.97	4.28	mg/kg	FC069036.D
Total EPH	Total EPH	2.60	J		0.97	4.28	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:	05/23/25
Project:	Seely	Date Received:	05/23/25
Client Sample ID:	GSB4	SDG No.:	Q2125
Lab Sample ID:	Q2125-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.3
Sample Wt/Vol:	30.08	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 17:54	PB168182

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	2.60	J	1	0.97	4.28	mg/kg	FC069036.D
Total EPH	Total EPH	2.60	J		0.97	4.28	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:	05/23/25
Project:	Seely	Date Received:	05/23/25
Client Sample ID:	GSB4	SDG No.:	Q2125
Lab Sample ID:	Q2125-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.3
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
05/28/25 09:35	05/28/25 17:54	PB168182

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	2.60	J	1	0.97	4.28	mg/kg	FC069036.D
Total EPH	Total EPH	2.60	J		0.97	4.28	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:	05/23/25
Project:	Seely	Date Received:	05/23/25
Client Sample ID:	GSB4	SDG No.:	Q2125
Lab Sample ID:	Q2125-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.3
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_F2

Prep Date :	Date Analyzed :	Prep Batch ID
05/28/25 09:35	05/28/25 17:54	PB168182

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C9-C28	Aliphatic C9-C28	2.60	J	1	0.97	4.28	mg/kg	FC069036.D
Total EPH	Total EPH	2.60	J		0.97	4.28	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:	05/23/25
Project:	Seely	Date Received:	05/23/25
Client Sample ID:	GSB4	SDG No.:	Q2125
Lab Sample ID:	Q2125-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	93.3
Sample Wt/Vol:	30.08 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
FC069036.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	2.60	J	0.97	4.28	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	3.83		1.26	2.14	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	46.4		40 - 140	93%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.4		40 - 140	87%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2125-04	Acq On:	28 May 2025 17:54
Client Sample ID:	GSB4	Operator:	YP/AJ
Data file:	FC069036.D	Misc:	
Instrument:	FID_C	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.339	6.638	462682	4.377	300	ug/ml
Aliphatic C12-C16	6.639	10.038	744541	7.3	200	ug/ml
Aliphatic C16-C21	10.039	13.404	949232	9.699	300	ug/ml
Aliphatic C21-C28	13.405	17.066	1425737	15.199	400	ug/ml
Aliphatic C28-C40	17.067	22.060	5074625	53.734	600	ug/ml
Aliphatic EPH	3.339	22.060	8656817	90.31		ug/ml
ortho-Terphenyl (SURR)	11.708	11.708	5347810	43.36		ug/ml
1-chlorooctadecane (SURR)	13.140	13.140	4165506	46.43		ug/ml
Aliphatic C9-C28	3.339	17.066	3582192	36.575	1200	ug/ml