

Report of Analysis

Client:	G Environmental	Date Collected:	05/07/25
Project:	Hillside	Date Received:	05/08/25
Client Sample ID:	GC1	SDG No.:	Q1987
Lab Sample ID:	Q1987-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Final Vol:	2000
		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
05/13/25 09:35	05/13/25 16:24	PB167974

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	4.49		1	1.36	2.30	mg/kg FC068851.D
Aliphatic C9-C28	Aliphatic C9-C28	5.66		1	1.05	4.61	mg/kg FC068851.D
Total AliphaticEPH	Total AliphaticEPH	10.1			2.41	6.91	mg/kg
Total EPH	Total EPH	10.1			2.41	6.91	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

Report of Analysis

Client:	G Environmental	Date Collected:	05/07/25
Project:	Hillside	Date Received:	05/08/25
Client Sample ID:	GC1	SDG No.:	Q1987
Lab Sample ID:	Q1987-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.6
Sample Wt/Vol:	30.06 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
FC068851.D	1	05/13/25	05/13/25	PB167974

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.66		1.05	4.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	4.49		1.36	2.30	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	48.1		40 - 140	96%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	43.6		40 - 140	87%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1987-01	Acq On:	13 May 2025 16:24
Client Sample ID:	GC1	Operator:	YP/AJ
Data file:	FC068851.D	Misc:	
Instrument:	FID_C	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.341	6.641	275128	2.775	300	ug/ml
Aliphatic C12-C16	6.642	10.040	493386	5.423	200	ug/ml
Aliphatic C16-C21	10.041	13.406	4626509	53.947	300	ug/ml
Aliphatic C21-C28	13.407	17.068	957760	11.527	400	ug/ml
Aliphatic C28-C40	17.069	22.062	4944933	58.435	600	ug/ml
Aliphatic EPH	3.341	22.062	11297716	132.107		ug/ml
ortho-Terphenyl (SURR)	11.709	11.709	4975977	43.6		ug/ml
1-chlorooctadecane (SURR)	13.142	13.142	3863145	48.15		ug/ml
Aliphatic C9-C28	3.341	17.068	6352783	73.672	1200	ug/ml