

Report of Analysis

Client:	G Environmental	Date Collected:	01/30/25
Project:	Nelson	Date Received:	01/30/25
Client Sample ID:	HL2PX5	SDG No.:	Q1237
Lab Sample ID:	Q1237-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	95.6
Sample Wt/Vol:	30.03	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Final Vol:	2000
		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 09:45	01/31/25 16:05	PB166417

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.88	U	1	1.88	2.09	mg/kg	FC068165.D
Aliphatic C9-C28	Aliphatic C9-C28	5.12		1	1.80	4.17	mg/kg	FC068165.D
Total AliphaticEPH	Total AliphaticEPH	5.12	J		3.68	6.26	mg/kg	
Total EPH	Total EPH	5.12	J		3.68	6.26	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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Analytical Method:	NJEPH	% Solid:	95.6
Sample Wt/Vol:	30.03 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
FC068165.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	5.12		1.80	4.17	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.88	U	1.88	2.09	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	33.3		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.2		40 - 140	62%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1237-05	Acq On:	31 Jan 2025 16:05
Client Sample ID:	HL2PX5	Operator:	YP/AJ
Data file:	FC068165.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	3.128	6.394	897709	6.482	300	ug/ml
Aliphatic C12-C16	6.395	9.777	828773	6.018	200	ug/ml
Aliphatic C16-C21	9.778	13.129	6323447	46.834	300	ug/ml
Aliphatic C21-C28	13.130	16.780	1796200	14.12	400	ug/ml
Aliphatic C28-C40	16.781	21.588	2593400	25.023	600	ug/ml
Aliphatic EPH	3.128	21.588	12439529	98.478		ug/ml
ortho-Terphenyl (SURR)	11.421	11.421	4878753	31.22		ug/ml
1-chlorooctadecane (SURR)	12.860	12.860	3825270	33.26		ug/ml
Aliphatic C9-C28	3.128	16.780	9846129	73.454	1200	ug/ml