

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Nelson	Date Received:	
Client Sample ID:	PB166417BS	SDG No.:	Q1237
Lab Sample ID:	PB166417BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
01/31/25 09:45	01/31/25 14:28	PB166417

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	36.3		1	1.80	2.00	mg/kg	FC068163.D
Aliphatic C9-C28	Aliphatic C9-C28	100	E	1	1.72	3.99	mg/kg	FC068163.D
Total AliphaticEPH	Total AliphaticEPH	137			3.52	5.99	mg/kg	
Total EPH	Total EPH	137			3.52	5.99	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:	
Project:	Nelson	Date Received:	
Client Sample ID:	PB166417BS	SDG No.:	Q1237
Lab Sample ID:	PB166417BS	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 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
FC068163.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	100	E	1.72	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	36.3		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	38.8		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	36.0		40 - 140	72%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166417BS	Acq On:	31 Jan 2025 14:28
Client Sample ID:	PB166417BS	Operator:	YP/AJ
Data file:	FC068163.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.128	6.394	37636970	271.77	300	ug/ml
Aliphatic C12-C16	6.395	9.777	47325227	343.651	200	ug/ml
Aliphatic C16-C21	9.778	13.129	52815440	391.17	300	ug/ml
Aliphatic C21-C28	13.130	16.780	63280237	497.457	400	ug/ml
Aliphatic C28-C40	16.781	21.588	56465452	544.829	600	ug/ml
Aliphatic EPH	3.128	21.588	257523326	2050		ug/ml
ortho-Terphenyl (SURR)	11.422	11.422	5633426	36.05		ug/ml
1-chlorooctadecane (SURR)	12.862	12.862	4459606	38.78		ug/ml
Aliphatic C9-C28	3.128	16.780	201057874	1500	1200	ug/ml