

Report of Analysis

Client:	G Environmental	Date Collected:	
Project:	Nelson	Date Received:	
Client Sample ID:	PB166417BSD	SDG No.:	Q1237
Lab Sample ID:	PB166417BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 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 15:29	PB166417

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	34.8		1	1.80	2.00	mg/kg	FC068164.D
Aliphatic C9-C28	Aliphatic C9-C28	96.8	E	1	1.72	4.00	mg/kg	FC068164.D
Total AliphaticEPH	Total AliphaticEPH	132			3.52	6.00	mg/kg	
Total EPH	Total EPH	132			3.52	6.00	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:	PB166417BSD	SDG No.:	Q1237
Lab Sample ID:	PB166417BSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.01 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
FC068164.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	96.8	E	1.72	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	34.8		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.4		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	34.8		40 - 140	70%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB166417BSD	Acq On:	31 Jan 2025 15:29
Client Sample ID:	PB166417BSD	Operator:	YP/AJ
Data file:	FC068164.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.128	6.394	36505289	263.599	300	ug/ml
Aliphatic C12-C16	6.395	9.777	45811972	332.662	200	ug/ml
Aliphatic C16-C21	9.778	13.129	50947658	377.336	300	ug/ml
Aliphatic C21-C28	13.130	16.780	60831056	478.203	400	ug/ml
Aliphatic C28-C40	16.781	21.588	54143474	522.424	600	ug/ml
Aliphatic EPH	3.128	21.588	248239449	1970		ug/ml
ortho-Terphenyl (SURR)	11.423	11.423	5442574	34.83		ug/ml
1-chlorooctadecane (SURR)	12.863	12.863	4299217	37.38		ug/ml
Aliphatic C9-C28	3.128	16.780	194095975	1450	1200	ug/ml