

Report of Analysis

Client:	G Environmental	Date Collected:	02/23/25
Project:	Nelson	Date Received:	02/26/25
Client Sample ID:	WC1DL	SDG No.:	Q1447
Lab Sample ID:	Q1447-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.4
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068362.D	10	02/27/25	03/05/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	28.8		4.11	10.8	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	94.9		2.60	7.21	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	751	E	3.25	10.8	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	1080	E	8.66	14.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	845	E	19.5	21.6	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	5.36		40 - 140	107%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1447-01DL	Acq On:	05 Mar 2025 07:38
Client Sample ID:	WC1DL	Operator:	YP/AJ
Data file:	FC068362.D	Misc:	
Instrument:	FID_C	ALS Vial:	19
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.101	6.366	5633233	39.942	300	ug/ml
Aliphatic C12-C16	6.367	9.750	17987236	131.626	200	ug/ml
Aliphatic C16-C21	9.751	13.103	137109125	1040	300	ug/ml
Aliphatic C21-C28	13.104	16.756	184283429	1500	400	ug/ml
Aliphatic C28-C40	16.757	21.558	120499928	1170	600	ug/ml
Aliphatic EPH	3.101	21.558	465512951	3890		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	12.837	12.837	603306	5.36		ug/ml
Aliphatic C9-C28	3.101	16.756	345013023	2720	1200	ug/ml