

Report of Analysis

Client:	G Environmental	Date Collected:	02/23/25
Project:	Nelson	Date Received:	02/26/25
Client Sample ID:	WC1	SDG No.:	Q1447
Lab Sample ID:	Q1447-01	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
FD049147.D	1	02/27/25	02/28/25	PB166923

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aromatic C10-C12	Aromatic C10-C12	8.91		0.33	0.72	mg/kg
Aromatic C12-C16	Aromatic C12-C16	8.79		0.37	1.08	mg/kg
Aromatic C16-C21	Aromatic C16-C21	324	E	1.04	1.80	mg/kg
Aromatic C21-C36	Aromatic C21-C36	649	E	2.16	2.89	mg/kg
SURROGATES						
580-13-2	2-Bromonaphthalene (SURR)	57.0		40 - 140	114%	SPK: 50
321-60-8	2-Fluorobiphenyl (SURR)	60.9		40 - 140	122%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	67.8		40 - 140	136%	SPK: 50

Quantitation Report For Aromatic EPH Range.

Lab Sample ID:	Q1447-01	Acq On:	28 Feb 2025 21:59
Client Sample ID:	WC1	Operator:	YP/AJ
Data file:	FD049147.D	Misc:	
Instrument:	FID_D	ALS Vial:	76
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aromatic C10-C12	4.076	5.794	19651893	123.581	200	ug/ml
Aromatic C12-C16	5.795	8.396	19605543	121.822	300	ug/ml
Aromatic C16-C21	8.397	12.661	688928904	4490	500	ug/ml
Aromatic C21-C36	12.662	18.073	1288426151	9000	800	ug/ml
Aromatic EPH	4.076	18.073	2016612491	13700		ug/ml
2-Bromonaphthalene (SURRE)	7.352	7.352	8151579	56.96		ug/ml
2-Fluorobiphenyl (SURRE)	8.203	8.203	5354108	60.9		ug/ml
ortho-Terphenyl (SURRE)	11.247	11.247	10976009	67.85		ug/ml