

Report of Analysis

Client:	G Environmental	Date Collected:	03/12/25
Project:	Ave L	Date Received:	03/14/25
Client Sample ID:	WC1DL2	SDG No.:	Q1574
Lab Sample ID:	Q1574-01DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	98
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH
Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015704.D	50	03/19/25	03/20/25	PB167231

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	7.12	U	7.12	50.9	mg/kg
Aliphatic C12-C16	Aliphatic C12-C16	5.60	U	5.60	33.9	mg/kg
Aliphatic C16-C21	Aliphatic C16-C21	65.2		6.61	50.9	mg/kg
Aliphatic C21-C28	Aliphatic C21-C28	779		27.0	67.8	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	841		60.0	101	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	1.14		40 - 140	114%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1574-01DL2	Acq On:	20 Mar 2025 16:26
Client Sample ID:	WC1DL2	Operator:	YP\AJ
Data file:	FF015704.D	Misc:	
Instrument:	FID_F	ALS Vial:	79
Dilution Factor:	50	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.210	6.833	8791	0.068	300	ug/ml
Aliphatic C12-C16	6.834	10.268	0	0	200	ug/ml
Aliphatic C16-C21	10.269	13.635	2603216	19.23	300	ug/ml
Aliphatic C21-C28	13.636	17.299	30412316	229.912	400	ug/ml
Aliphatic C28-C40	17.300	22.199	26821039	248.005	600	ug/ml
Aliphatic EPH	3.210	22.199	59845362	497.215		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.374	13.374	129391	1.14		ug/ml
Aliphatic C9-C28	3.210	17.299	33024323	249.21	1200	ug/ml