

Report of Analysis

Client:	G Environmental	Date Collected:	07/01/25
Project:	Lexington	Date Received:	07/01/25
Client Sample ID:	GPX5DL	SDG No.:	Q2480
Lab Sample ID:	Q2480-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.5
Sample Wt/Vol:	30.05 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
FE054698.D	2	07/02/25	07/07/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	104		2.03	8.92	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.97		2.63	4.46	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	13.4		40 - 140	54%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	13.4		40 - 140	54%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-05DL	Acq On:	07 Jul 2025 10:24
Client Sample ID:	GPX5DL	Operator:	YP\AJ
Data file:	FE054698.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.322	6.953	74336769	546.373	300	ug/ml
Aliphatic C12-C16	6.954	10.404	16994879	120.901	200	ug/ml
Aliphatic C16-C21	10.405	13.782	2293376	15.883	300	ug/ml
Aliphatic C21-C28	13.783	17.452	2152766	14.882	400	ug/ml
Aliphatic C28-C40	17.453	22.469	6496470	46.856	600	ug/ml
Aliphatic EPH	3.322	22.469	102274260	744.895		ug/ml
ortho-Terphenyl (SURR)	12.080	12.080	2182748	13.44		ug/ml
1-chlorooctadecane (SURR)	13.516	13.516	1691526	13.39		ug/ml
Aliphatic C9-C28	3.322	17.452	95777790	698.039	1200	ug/ml