

Report of Analysis

Client:	G Environmental	Date Collected:	07/25/25
Project:	Freehold	Date Received:	07/25/25
Client Sample ID:	FG1ADL	SDG No.:	Q2705
Lab Sample ID:	Q2705-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	91.3
Sample Wt/Vol:	30.06 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
FE055063.D	2	07/28/25	07/29/25	PB169021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.04	J	1.99	8.75	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	54.4		2.58	4.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	14.9		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	14.5		40 - 140	58%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2705-01DL	Acq On:	29 Jul 2025 11:39
Client Sample ID:	FG1ADL	Operator:	YP\AJ
Data file:	FE055063.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.325	6.960	811815	6.548	300	ug/ml
Aliphatic C12-C16	6.961	10.412	666943	5.018	200	ug/ml
Aliphatic C16-C21	10.413	13.792	643260	4.905	300	ug/ml
Aliphatic C21-C28	13.793	17.463	1174717	9.416	400	ug/ml
Aliphatic C28-C40	17.464	22.491	44932779	372.921	600	ug/ml
Aliphatic EPH	3.325	22.491	48229514	398.808		ug/ml
ortho-Terphenyl (SURR)	12.089	12.089	2149407	14.52		ug/ml
1-chlorooctadecane (SURR)	13.525	13.525	1671596	14.93		ug/ml
Aliphatic C9-C28	3.325	17.463	3296735	25.887	1200	ug/ml