284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	G Environmental		Date Collected:	06/30/25	
Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX2		SDG No.:	Q2480	
Lab Sample ID:	Q2480-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	89.3	
Sample Wt/Vol:	30.03	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
07/02/25 11:05	07/02/25 18:20	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	12.2		1	1.32	2.24	mg/kg	FE054673.D
Aliphatic C9-C28	Aliphatic C9-C28	13.4		1	1.02	4.48	mg/kg	FE054673.D
Total AliphaticEPH	Total AliphaticEPH	25.6			2.34	6.72	mg/kg	
Total EPH	Total EPH	25.6			2.34	6.72	mg/kg	

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected
LOQ = Limit of Quantitation
MDL = Method Detection Limit
LOD = Limit of Detection
E = Value Exceeds Calibration Range
Q = indicates LCS control criteria did not meet requirements
J = Estimated Value
B = Analyte Found in Associated Method Blank
N = Presumptive Evidence of a Compound
* = Values outside of QC limits
D = Dilution

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Analytical Method:	NJEPH		% Solid:	89.3	
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Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054673.D	1	07/02/25	07/02/25	PB168702

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	13.4		1.02	4.48	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	12.2		1.32	2.24	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.0		40 - 140	64%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.7		40 - 140	59%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-02	Acq On:	02 Jul 2025 18:20
Client Sample ID:	GPX2	Operator:	YP\AJ
Data file:	FE054673.D	Misc:	
Instrument:	FID_E	ALS Vial:	14
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	3480509	25.582	300	ug/ml
Aliphatic C12-C16	6.952	10.402	2108914	15.003	200	ug/ml
Aliphatic C16-C21	10.403	13.777	6051420	41.909	300	ug/ml
Aliphatic C21-C28	13.778	17.448	14143968	97.779	400	ug/ml
Aliphatic C28-C40	17.449	22.462	22652519	163.382	600	ug/ml
Aliphatic EPH	3.319	22.462	48437330	343.655		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	4826976	29.72		ug/ml
1-chlorooctadecane (SURR)	13.513	13.513	4045442	32.03		ug/ml
Aliphatic C9-C28	3.319	17.448	25784811	180.273	1200	ug/ml