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:	GPX1			SDG No.:	Q2480
Lab Sample ID:	Q2480-01			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	88.3
Sample Wt/Vol:	30.01	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 17:50	PB168702

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	9.19		1	1.34	2.26	mg/kg	FE054672.D
Aliphatic C9-C28	Aliphatic C9-C28	8.76		1	1.03	4.53	mg/kg	FE054672.D
Total AliphaticEPH	Total AliphaticEPH	17.9			2.37	6.79	mg/kg	
Total EPH	Total EPH	17.9			2.37	6.79	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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Project:	Lexington		Date Received:	07/01/25	
Client Sample ID:	GPX1		SDG No.:	Q2480	
Lab Sample ID:	Q2480-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	88.3	
Sample Wt/Vol:	30.01 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
FE054672.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	8.76		1.03	4.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.19		1.34	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	30.0		40 - 140	60%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.3		40 - 140	57%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2480-01	Acq On:	02 Jul 2025 17:50
Client Sample ID:	GPX1	Operator:	YP\AJ
Data file:	FE054672.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.319	6.951	2172616	15.969	300	ug/ml
Aliphatic C12-C16	6.952	10.402	1562367	11.115	200	ug/ml
Aliphatic C16-C21	10.403	13.777	4717329	32.67	300	ug/ml
Aliphatic C21-C28	13.778	17.448	8119295	56.13	400	ug/ml
Aliphatic C28-C40	17.449	22.462	16882706	121.767	600	ug/ml
Aliphatic EPH	3.319	22.462	33454313	237.65		ug/ml
ortho-Terphenyl (SURR)	12.076	12.076	4602571	28.34		ug/ml
1-chlorooctadecane (SURR)	13.513	13.513	3792627	30.03		ug/ml
Aliphatic C9-C28	3.319	17.448	16571607	115.884	1200	ug/ml