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

Report of Analysis

Client:	G Environmental		Date Collected:	05/01/25	
Project:	Amsterdam		Date Received:	05/01/25	
Client Sample ID:	GB1		SDG No.:	Q1939	
Lab Sample ID:	Q1939-01		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	84.8	
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
05/02/25 09:15	05/05/25 12:00	PB167833

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	6.23		1	1.39	2.36	mg/kg	FC068764.D
Aliphatic C9-C28	Aliphatic C9-C28	5.37		1	1.07	4.71	mg/kg	FC068764.D
Total AliphaticEPH	Total AliphaticEPH	11.6			2.46	7.08	mg/kg	
Total EPH	Total EPH	11.6			2.46	7.08	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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Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068764.D	1	05/02/25	05/05/25	PB167833

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	5.37		1.07	4.71	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	6.23		1.39	2.36	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.4		40 - 140	75%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	29.9		40 - 140	60%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1939-01	Acq On:	05 May 2025 12:00
Client Sample ID:	GB1	Operator:	YP/AJ
Data file:	FC068764.D	Misc:	
Instrument:	FID_C	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.342	6.643	264625	2.513	300	ug/ml
Aliphatic C12-C16	6.644	10.043	541080	5.288	200	ug/ml
Aliphatic C16-C21	10.044	13.410	811156	8.209	300	ug/ml
Aliphatic C21-C28	13.411	17.073	4930006	52.344	400	ug/ml
Aliphatic C28-C40	17.074	22.072	7135066	79.382	600	ug/ml
Aliphatic EPH	3.342	22.072	13681933	147.736		ug/ml
ortho-Terphenyl (SURR)	11.712	11.712	3812834	29.94		ug/ml
1-chlorooctadecane (SURR)	13.145	13.145	3477612	37.44		ug/ml
Aliphatic C9-C28	3.342	17.073	6546867	68.354	1200	ug/ml