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:	GB3			SDG No.:	Q1939
Lab Sample ID:	Q1939-05			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	86.6
Sample Wt/Vol:	30.04	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 11:44	PB167833

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	1.85	J	1	1.36	2.31	mg/kg	FE053637.D
Aliphatic C9-C28	Aliphatic C9-C28	1.58	J	1	1.05	4.61	mg/kg	FE053637.D
Total AliphaticEPH	Total AliphaticEPH	3.43	J		2.41	6.92	mg/kg	
Total EPH	Total EPH	3.43	J		2.41	6.92	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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Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE053637.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	1.58	J	1.05	4.61	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	1.85	J	1.36	2.31	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	39.7		40 - 140	79%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.8		40 - 140	64%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1939-05	Acq On:	05 May 2025 11:44
Client Sample ID:	GB3	Operator:	YP\AJ
Data file:	FE053637.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.112	6.755	321009	2.317	300	ug/ml
Aliphatic C12-C16	6.756	10.204	505742	3.566	200	ug/ml
Aliphatic C16-C21	10.205	13.579	981435	6.752	300	ug/ml
Aliphatic C21-C28	13.580	17.249	1131049	7.955	400	ug/ml
Aliphatic C28-C40	17.250	22.140	3105193	24.062	600	ug/ml
Aliphatic EPH	3.112	22.140	6044428	44.652		ug/ml
ortho-Terphenyl (SURR)	11.867	11.867	5741828	31.84		ug/ml
1-chlorooctadecane (SURR)	13.312	13.312	5360543	39.66		ug/ml
Aliphatic C9-C28	3.112	17.249	2939235	20.59	1200	ug/ml