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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Amsterdam			Date Received:	
Client Sample ID:	PB167833BSD			SDG No.:	Q1939
Lab Sample ID:	PB167833BSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
Sample Wt/Vol:	30.02	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	05/02/25 17:49	PB167833

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	26.1		1	1.18	2.00	mg/kg	FC068751.D
Aliphatic C9-C28	Aliphatic C9-C28	93.9	E	1	0.91	3.99	mg/kg	FC068751.D
Total AliphaticEPH	Total AliphaticEPH	120			2.09	5.99	mg/kg	
Total EPH	Total EPH	120			2.09	5.99	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:	100	
Sample Wt/Vol:	30.02 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
FC068751.D	1	05/02/25	05/02/25	PB167833

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		93.9	E	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		26.1		1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		38.2		40 - 140	76%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		36.5		40 - 140	73%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167833BSD	Acq On:	02 May 2025 17:49
Client Sample ID:	PB167833BSD	Operator:	YP/AJ
Data file:	FC068751.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.343	6.645	23206454	220.422	300	ug/ml
Aliphatic C12-C16	6.646	10.046	38598655	377.225	200	ug/ml
Aliphatic C16-C21	10.047	13.415	34449254	348.618	300	ug/ml
Aliphatic C21-C28	13.416	17.079	43680812	463.775	400	ug/ml
Aliphatic C28-C40	17.080	22.085	35159652	391.172	600	ug/ml
Aliphatic EPH	3.343	22.085	175094827	1800		ug/ml
ortho-Terphenyl (SURR)	11.716	11.716	4644152	36.47		ug/ml
1-chlorooctadecane (SURR)	13.148	13.148	3546426	38.18		ug/ml
Aliphatic C9-C28	3.343	17.079	139935175	1410	1200	ug/ml