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

Report of Analysis

Client:	G Environmental			Date Collected:	
Project:	Stockton			Date Received:	
Client Sample ID:	PB167381BSD			SDG No.:	Q1675
Lab Sample ID:	PB167381BSD			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	100
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
03/31/25 08:56	03/31/25 15:08	PB167381

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	22.2		1	1.18	2.00	mg/kg	FC068447.D
Aliphatic C9-C28	Aliphatic C9-C28	67.3		1	0.91	4.00	mg/kg	FC068447.D
Total AliphaticEPH	Total AliphaticEPH	89.5			2.09	6.00	mg/kg	
Total EPH	Total EPH	89.5			2.09	6.00	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:	30.01 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
FC068447.D	1	03/31/25	03/31/25	PB167381

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	67.3		0.91	4.00	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	22.2		1.18	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	35.6		40 - 140	71%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	35.9		40 - 140	72%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB167381BSD	Acq On:	31 Mar 2025 15:08
Client Sample ID:	PB167381BSD	Operator:	YP/AJ
Data file:	FC068447.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	3.098	6.359	29831285	183.782	300	ug/ml
Aliphatic C12-C16	6.360	9.743	40449019	240.49	200	ug/ml
Aliphatic C16-C21	9.744	13.097	46233510	269.567	300	ug/ml
Aliphatic C21-C28	13.098	16.748	53364669	316.01	400	ug/ml
Aliphatic C28-C40	16.749	21.546	45316617	332.79	600	ug/ml
Aliphatic EPH	3.098	21.546	215195100	1340		ug/ml
ortho-Terphenyl (SURR)	11.388	11.388	7127983	35.89		ug/ml
1-chlorooctadecane (SURR)	12.829	12.829	5308935	35.61		ug/ml
Aliphatic C9-C28	3.098	16.748	169878483	1010	1200	ug/ml