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

Report of Analysis

Client:	G Environmental		Date Collected:	04/21/25	
Project:	Stockton		Date Received:	04/21/25	
Client Sample ID:	DP6		SDG No.:	Q1851	
Lab Sample ID:	Q1851-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	97	
Sample Wt/Vol:	30.06	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
04/22/25 09:40	04/23/25 1:18	PB167690

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	11.0		1	1.21	2.06	mg/kg	FE053485.D
Aliphatic C9-C28	Aliphatic C9-C28	43.3		1	0.94	4.12	mg/kg	FE053485.D
Total AliphaticEPH	Total AliphaticEPH	54.3			2.15	6.18	mg/kg	
Total EPH	Total EPH	54.3			2.15	6.18	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
FE053485.D	1	04/22/25	04/23/25	PB167690

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	43.3		0.94	4.12	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.0		1.21	2.06	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	37.0		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	37.8		40 - 140	76%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1851-02	Acq On:	23 Apr 2025 01:18
Client Sample ID:	DP6	Operator:	YP\AJ
Data file:	FE053485.D	Misc:	
Instrument:	FID_E	ALS Vial:	32
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.123	6.764	438693	3.166	300	ug/ml
Aliphatic C12-C16	6.765	10.214	12666134	89.32	200	ug/ml
Aliphatic C16-C21	10.215	13.590	60536182	416.446	300	ug/ml
Aliphatic C21-C28	13.591	17.259	17335589	121.932	400	ug/ml
Aliphatic C28-C40	17.260	22.156	20711571	160.494	600	ug/ml
Aliphatic EPH	3.123	22.156	111688169	791.358		ug/ml
ortho-Terphenyl (SURR)	11.876	11.876	6816047	37.79		ug/ml
1-chlorooctadecane (SURR)	13.320	13.320	4994683	36.95		ug/ml
Aliphatic C9-C28	3.123	17.259	90976598	630.864	1200	ug/ml