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

Report of Analysis

Client:	G Environmental			Date Collected:			
Project:	Newport			Date Received:			
Client Sample ID:	279887MSD			SDG No.:	Q3277		
Lab Sample ID:	Q3262-08MSD			Matrix:	Solid		
Analytical Method:	NJEPH			% Solid:	87.4		
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
10/03/25 08:00	10/03/25 17:47	PB169970

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	79.7	E	1	1.35	2.29	mg/kg	FE056171.D
Aliphatic C9-C28	Aliphatic C9-C28	7070	E	1	1.04	4.57	mg/kg	FE056171.D
Total AliphaticEPH	Total AliphaticEPH	7150			2.39	6.86	mg/kg	
Total EPH	Total EPH	7150			2.39	6.86	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
FE056171.D	1	10/03/25	10/03/25	PB169970

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	7070	E	1.04	4.57	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	79.7	E	1.35	2.29	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	49.8		40 - 140	100%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	55.1		40 - 140	110%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3262-08MSD	Acq On:	03 Oct 2025 17:47
Client Sample ID:	279887MSD	Operator:	YP\AJ
Data file:	FE056171.D	Misc:	
Instrument:	FID_E	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.310	6.942	36101694	257.818	300	ug/ml
Aliphatic C12-C16	6.943	10.392	1050118786	6850	200	ug/ml
Aliphatic C16-C21	10.393	13.769	9921464061	59800	300	ug/ml
Aliphatic C21-C28	13.770	17.439	3826465767	25800	400	ug/ml
Aliphatic C28-C40	17.440	22.439	142360643	1040	600	ug/ml
Aliphatic EPH	3.310	22.439	14976510951	93700		ug/ml
ortho-Terphenyl (SURR)	12.064	12.064	10338131	55.09		ug/ml
1-chlorooctadecane (SURR)	13.519	13.519	6950689	49.8		ug/ml
Aliphatic C9-C28	3.310	17.439	14834150308	92700	1200	ug/ml