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

Report of Analysis

Client:	PSEG	Date Collected:	04/28/25
Project:	GW South OP Pole	Date Received:	04/28/25
Client Sample ID:	WC-4-EPH	SDG No.:	Q1906
Lab Sample ID:	Q1906-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	90.4
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
04/29/25 09:05	04/29/25 17:49	PB167778

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	2.78		1	1.30	2.21	mg/kg	FC068723.D
Aliphatic C9-C28	Aliphatic C9-C28	7.42		1	1.00	4.41	mg/kg	FC068723.D
Total AliphaticEPH	Total AliphaticEPH	10.2			2.31	6.62	mg/kg	
Total EPH	Total EPH	10.2			2.31	6.62	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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Client Sample ID:	WC-4-EPH		SDG No.:	Q1906	
Lab Sample ID:	Q1906-02		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	90.4	
Sample Wt/Vol:	30.06	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
FC068723.D	1	04/29/25	04/29/25	PB167778

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	7.42		1.00	4.41	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.78		1.30	2.21	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	27.9		40 - 140	56%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	26.7		40 - 140	53%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1906-02	Acq On:	29 Apr 2025 17:49
Client Sample ID:	WC-4-EPH	Operator:	YP/AJ
Data file:	FC068723.D	Misc:	
Instrument:	FID_C	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.346	6.648	301139	2.86	300	ug/ml
Aliphatic C12-C16	6.649	10.049	895283	8.75	200	ug/ml
Aliphatic C16-C21	10.050	13.418	6933971	70.17	300	ug/ml
Aliphatic C21-C28	13.419	17.084	1805800	19.173	400	ug/ml
Aliphatic C28-C40	17.085	22.089	3400148	37.829	600	ug/ml
Aliphatic EPH	3.346	22.089	13336341	138.782		ug/ml
ortho-Terphenyl (SURR)	11.719	11.719	3402052	26.72		ug/ml
1-chlorooctadecane (SURR)	13.153	13.153	2592113	27.9		ug/ml
Aliphatic C9-C28	3.346	17.084	9936193	100.953	1200	ug/ml