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

Report of Analysis

Client:	PSEG	Date Collected:	02/04/25
Project:	PSEG 2966 JKF Blvd	Date Received:	02/05/25
Client Sample ID:	WC-2-EPH	SDG No.:	Q1299
Lab Sample ID:	Q1299-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.4
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
02/06/25 09:45	02/06/25 19:43	PB166589

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	21.0		1	2.01	2.24	mg/kg	FC068217.D
Aliphatic C9-C28	Aliphatic C9-C28	2.87	J	1	1.92	4.47	mg/kg	FC068217.D
Total AliphaticEPH	Total AliphaticEPH	23.9			3.93	6.71	mg/kg	
Total EPH	Total EPH	23.9			3.93	6.71	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-2-EPH	SDG No.:	Q1299
Lab Sample ID:	Q1299-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.4
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
FC068217.D	1	02/06/25	02/06/25	PB166589

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		2.87	J	1.92	4.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		21.0		2.01	2.24	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		33.8		40 - 140	68%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		32.5		40 - 140	65%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1299-06	Acq On:	06 Feb 2025 19:43
Client Sample ID:	WC-2-EPH	Operator:	YP/AJ
Data file:	FC068217.D	Misc:	
Instrument:	FID_C	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.111	6.378	566724	4.092	300	ug/ml
Aliphatic C12-C16	6.379	9.763	1250029	9.077	200	ug/ml
Aliphatic C16-C21	9.764	13.117	1035201	7.667	300	ug/ml
Aliphatic C21-C28	13.118	16.770	2758567	21.686	400	ug/ml
Aliphatic C28-C40	16.771	21.575	29265988	282.384	600	ug/ml
Aliphatic EPH	3.111	21.575	34876509	324.906		ug/ml
ortho-Terphenyl (SURR)	11.408	11.408	5075894	32.48		ug/ml
1-chlorooctadecane (SURR)	12.850	12.850	3889412	33.82		ug/ml
Aliphatic C9-C28	3.111	16.770	5610521	42.522	1200	ug/ml