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

Report of Analysis

Client:	PSEG	Date Collected:	10/31/24
Project:	Bergen Point 69kV - 4KV-13KV Conversion Project OP	Date Received:	10/31/24
Client Sample ID:	BP-F-5	SDG No.:	P4667
Lab Sample ID:	P4667-05	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.3
Sample Wt/Vol:	30.09 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/04/24 09:15	11/04/24 17:26	PB164640

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	9.52		1	2.01	2.23	mg/kg	FE051002.D
Aliphatic C9-C28	Aliphatic C9-C28	7.08		1	1.92	4.47	mg/kg	FE051002.D
Total AliphaticEPH	Total AliphaticEPH	16.6			3.93	6.70	mg/kg	
Total EPH	Total EPH	16.6			3.93	6.70	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
FE051002.D	1	11/04/24	11/04/24	PB164640

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	7.08		1.92	4.47	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.52		2.01	2.23	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	49.0		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	48.0		40 - 140	96%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4667-05	Acq On:	04 Nov 2024 17:26
Client Sample ID:	BP-F-5	Operator:	YP\AJ
Data file:	FE051002.D	Misc:	
Instrument:	FID_E	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.142	6.760	290707	2.034	300	ug/ml
Aliphatic C12-C16	6.761	10.192	1533819	10.569	200	ug/ml
Aliphatic C16-C21	10.193	13.552	9292022	64.349	300	ug/ml
Aliphatic C21-C28	13.553	17.206	2858193	20.106	400	ug/ml
Aliphatic C28-C40	17.207	22.051	17681700	127.847	600	ug/ml
Aliphatic EPH	3.142	22.051	31656441	224.906		ug/ml
ortho-Terphenyl (SURR)	11.856	11.856	7560407	47.96		ug/ml
1-chlorooctadecane (SURR)	13.288	13.288	5793332	48.97		ug/ml
Aliphatic C9-C28	3.142	17.206	13974741	97.058	1200	ug/ml