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

Report of Analysis

Client:	PSEG	Date Collected:	11/09/24
Project:	Bergen Point 69kV - 4KV-13KV Conversion Project OP	Date Received:	11/09/24
Client Sample ID:	BF-F14-EPH	SDG No.:	P4807
Lab Sample ID:	P4807-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.03 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
11/12/24 10:40	11/12/24 16:21	PB164909

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	2.26	U	1	2.03	2.26	mg/kg	FG014748.D
Aliphatic C9-C28	Aliphatic C9-C28	4.52	U	1	1.94	4.52	mg/kg	FG014748.D
Total AliphaticEPH	Total AliphaticEPH	6.78	U		3.97	6.78	mg/kg	
Total EPH	Total EPH	6.78	U		3.97	6.78	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

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

Report of Analysis

Client:	PSEG	Date Collected:	11/09/24
Project:	Bergen Point 69kV - 4KV-13KV Conversion Project OP	Date Received:	11/09/24
Client Sample ID:	BF-F14-EPH	SDG No.:	P4807
Lab Sample ID:	P4807-06	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.03 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
FG014748.D	1	11/12/24	11/12/24	PB164909

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	0.000	U	1.94	4.52	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	2.26	U	2.03	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	43.9		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	44.8		40 - 140	90%	SPK: 50

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

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4807-06	Acq On:	12 Nov 2024 16:21
Client Sample ID:	BF-F14-EPH	Operator:	YP\AJ
Data file:	FG014748.D	Misc:	
Instrument:	FID_G	ALS Vial:	18
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.223	6.843	288820	2.199	300	ug/ml
Aliphatic C12-C16	6.844	10.287	569509	4.193	200	ug/ml
Aliphatic C16-C21	10.288	13.658	709835	5.025	300	ug/ml
Aliphatic C21-C28	13.659	17.324	1045169	7.435	400	ug/ml
Aliphatic C28-C40	17.325	22.256	565398	5.35	600	ug/ml
Aliphatic EPH	3.223	22.256	3178731	24.202		ug/ml
ortho-Terphenyl (SURR)	11.952	11.952	6870695	44.83		ug/ml
1-chlorooctadecane (SURR)	13.391	13.391	5394070	43.93		ug/ml
Aliphatic C9-C28	3.223	17.324	2613333	18.852	1200	ug/ml