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

Report of Analysis

Client:	PSEG	Date Collected:	11/13/24
Project:	Bergen Point 69kV - 4KV-13KV Conversion Project OP	Date Received:	11/13/24
Client Sample ID:	MH-731-EPH	SDG No.:	P4833
Lab Sample ID:	P4833-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86
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
11/14/24 09:40	11/15/24 2:06	PB164966

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	14.8		1	2.09	2.32	mg/kg	FC067763.D
Aliphatic C9-C28	Aliphatic C9-C28	3.54	J	1	1.99	4.64	mg/kg	FC067763.D
Total AliphaticEPH	Total AliphaticEPH	18.3			4.08	6.96	mg/kg	
Total EPH	Total EPH	18.3			4.08	6.96	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:	11/13/24
Project:	Bergen Point 69kV - 4KV-13KV Conversion Project OP	Date Received:	11/13/24
Client Sample ID:	MH-731-EPH	SDG No.:	P4833
Lab Sample ID:	P4833-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86
Sample Wt/Vol:	30.09 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
FC067763.D	1	11/14/24	11/15/24	PB164966

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		3.54	J	1.99	4.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		14.8		2.09	2.32	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		47.5		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		46.5		40 - 140	93%	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:	P4833-02	Acq On:	15 Nov 2024 02:06
Client Sample ID:	MH-731-EPH	Operator:	YP/AJ
Data file:	FC067763.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	3.172	6.448	1026637	6.192	300	ug/ml
Aliphatic C12-C16	6.449	9.838	1839537	10.796	200	ug/ml
Aliphatic C16-C21	9.839	13.195	1959110	11.55	300	ug/ml
Aliphatic C21-C28	13.196	16.848	2705034	17.199	400	ug/ml
Aliphatic C28-C40	16.849	21.688	23220853	191.731	600	ug/ml
Aliphatic EPH	3.172	21.688	30751171	237.469		ug/ml
ortho-Terphenyl (SURR)	11.494	11.494	9021426	46.53		ug/ml
1-chlorooctadecane (SURR)	12.933	12.933	6898842	47.53		ug/ml
Aliphatic C9-C28	3.172	16.848	7530318	45.737	1200	ug/ml