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

Report of Analysis

Client:	PSEG	Date Collected:	03/03/25
Project:	Westville Laydown	Date Received:	03/03/25
Client Sample ID:	TP-2-E3	SDG No.:	Q1480
Lab Sample ID:	Q1480-11	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.9
Sample Wt/Vol:	30.01 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
03/04/25 08:45	03/05/25 6:21	PB166965

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	65.2		10	20.5	22.7	mg/kg	FE052616.D
Aliphatic C9-C28	Aliphatic C9-C28	6.14		1	1.96	4.56	mg/kg	FE052603.D
Total AliphaticEPH	Total AliphaticEPH	71.3			22.5	27.3	mg/kg	
Total EPH	Total EPH	71.3			22.5	27.3	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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Analytical Method:	NJEPH		% Solid:	87.9	
Sample Wt/Vol:	30.01	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
FE052603.D	1	03/04/25	03/04/25	PB166965

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	6.14		1.96	4.56	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	65.9	E	2.05	2.27	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.9		40 - 140	52%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	22.4		40 - 140	45%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1480-11	Acq On:	04 Mar 2025 23:50
Client Sample ID:	TP-2-E3	Operator:	YP\AJ
Data file:	FE052603.D	Misc:	
Instrument:	FID_E	ALS Vial:	25
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.152	6.795	692577	4.441	300	ug/ml
Aliphatic C12-C16	6.796	10.246	1191442	7.833	200	ug/ml
Aliphatic C16-C21	10.247	13.626	3881647	26.487	300	ug/ml
Aliphatic C21-C28	13.627	17.298	6656771	46.73	400	ug/ml
Aliphatic C28-C40	17.299	22.215	110829375	868.643	600	ug/ml
Aliphatic EPH	3.152	22.215	123251812	954.135		ug/ml
ortho-Terphenyl (SURR)	11.915	11.915	3781697	22.43		ug/ml
1-chlorooctadecane (SURR)	13.360	13.360	3146407	25.91		ug/ml
Aliphatic C9-C28	3.152	17.298	12422437	85.491	1200	ug/ml