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-1-E5			SDG No.:	Q1480
Lab Sample ID:	Q1480-05			Matrix:	Solid
Analytical Method:	NJEPH			% Solid:	85.7
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
03/04/25 08:45	03/05/25 15:56	PB166965

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	80.1		5	10.5	11.6	mg/kg	FE052634.D
Aliphatic C9-C28	Aliphatic C9-C28	138		5	10.0	23.3	mg/kg	FE052634.D
Total AliphaticEPH	Total AliphaticEPH	218			20.5	34.9	mg/kg	
Total EPH	Total EPH	218			20.5	34.9	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:	85.7
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Soil Aliquot Vol:			uL	Test:	EPH_NF
Prep Method :					

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03/04/25 08:45	03/05/25 15:56	PB166965

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Project:	Westville Laydown		Date Received:	03/03/25	
Client Sample ID:	TP-1-E5		SDG No.:	Q1480	
Lab Sample ID:	Q1480-05		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.7	
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
FE052594.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	130	E	2.00	4.65	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	79.3	E	2.09	2.33	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	56.5		40 - 140	113%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	28.4		40 - 140	57%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1480-05	Acq On:	04 Mar 2025 18:19
Client Sample ID:	TP-1-E5	Operator:	YP\AJ
Data file:	FE052594.D	Misc:	
Instrument:	FID_E	ALS Vial:	20
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.152	6.795	3201521	20.529	300	ug/ml
Aliphatic C12-C16	6.796	10.246	20753155	136.446	200	ug/ml
Aliphatic C16-C21	10.247	13.626	88136264	601.415	300	ug/ml
Aliphatic C21-C28	13.627	17.298	130337427	914.958	400	ug/ml
Aliphatic C28-C40	17.299	22.215	130374761	1020	600	ug/ml
Aliphatic EPH	3.152	22.215	372803128	2700		ug/ml
ortho-Terphenyl (SURR)	11.913	11.913	4797110	28.45		ug/ml
1-chlorooctadecane (SURR)	13.358	13.358	6865403	56.54		ug/ml
Aliphatic C9-C28	3.152	17.298	242428367	1670	1200	ug/ml