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

Report of Analysis

Client:	PSEG	Date Collected:	06/04/25
Project:	PSEG Bennetts Lane Test Pits	Date Received:	06/04/25
Client Sample ID:	TP-1-EPH	SDG No.:	Q2206
Lab Sample ID:	Q2206-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.2
Sample Wt/Vol:	30.05 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
06/05/25 08:30	06/05/25 16:43	PB168297

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	43.0		1	1.34	2.26	mg/kg	FE054195.D
Aliphatic C9-C28	Aliphatic C9-C28	20.9		1	1.03	4.53	mg/kg	FE054195.D
Total AliphaticEPH	Total AliphaticEPH	64.0			2.37	6.79	mg/kg	
Total EPH	Total EPH	64.0			2.37	6.79	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:	06/04/25
Project:	PSEG Bennetts Lane Test Pits	Date Received:	06/04/25
Client Sample ID:	TP-1-EPH	SDG No.:	Q2206
Lab Sample ID:	Q2206-02	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.2
Sample Wt/Vol:	30.05 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
FE054195.D	1	06/05/25	06/05/25	PB168297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	20.9		1.03	4.53	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	43.0		1.34	2.26	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	51.8		40 - 140	104%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	44.6		40 - 140	89%	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:	Q2206-02	Acq On:	05 Jun 2025 16:43
Client Sample ID:	TP-1-EPH	Operator:	YP\AJ
Data file:	FE054195.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	3.084	6.729	4687639	34.579	300	ug/ml
Aliphatic C12-C16	6.730	10.176	18306062	135.659	200	ug/ml
Aliphatic C16-C21	10.177	13.550	6381507	48.377	300	ug/ml
Aliphatic C21-C28	13.551	17.218	7391819	59.527	400	ug/ml
Aliphatic C28-C40	17.219	22.088	65787790	569.933	600	ug/ml
Aliphatic EPH	3.084	22.088	102554817	848.075		ug/ml
ortho-Terphenyl (SURR)	11.838	11.838	7253570	44.63		ug/ml
1-chlorooctadecane (SURR)	13.282	13.282	6144815	51.83		ug/ml
Aliphatic C9-C28	3.084	17.218	36767027	278.142	1200	ug/ml