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

Report of Analysis

Client:	PSEG	Date Collected:	05/23/25
Project:	PSEG East Edison Test Pits	Date Received:	05/23/25
Client Sample ID:	TP03-MHM	SDG No.:	Q2128
Lab Sample ID:	Q2128-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.6
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
05/28/25 08:55	05/28/25 18:04	PB168176

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	3.72		1	1.39	2.36	mg/kg	FE054055.D
Aliphatic C9-C28	Aliphatic C9-C28	2.61	J	1	1.07	4.72	mg/kg	FE054055.D
Total AliphaticEPH	Total AliphaticEPH	6.33	J		2.46	7.08	mg/kg	
Total EPH	Total EPH	6.33	J		2.46	7.08	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:	05/23/25
Project:	PSEG East Edison Test Pits	Date Received:	05/23/25
Client Sample ID:	TP03-MHM	SDG No.:	Q2128
Lab Sample ID:	Q2128-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.6
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
FE054055.D	1	05/28/25	05/28/25	PB168176

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		2.61	J	1.07	4.72	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		3.72		1.39	2.36	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		60.7		40 - 140	121%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		54.0		40 - 140	108%	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:	Q2128-01	Acq On:	28 May 2025 18:04
Client Sample ID:	TP03-MHM	Operator:	YP\AJ
Data file:	FE054055.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.089	6.735	465405	3.433	300	ug/ml
Aliphatic C12-C16	6.736	10.183	1181999	8.759	200	ug/ml
Aliphatic C16-C21	10.184	13.557	1126977	8.543	300	ug/ml
Aliphatic C21-C28	13.558	17.224	1547131	12.459	400	ug/ml
Aliphatic C28-C40	17.225	22.100	5450918	47.222	600	ug/ml
Aliphatic EPH	3.089	22.100	9772430	80.417		ug/ml
ortho-Terphenyl (SURR)	11.843	11.843	8781817	54.04		ug/ml
1-chlorooctadecane (SURR)	13.287	13.287	7193620	60.68		ug/ml
Aliphatic C9-C28	3.089	17.224	4321512	33.194	1200	ug/ml