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

Report of Analysis

Client:	PSEG	Date Collected:	09/12/25
Project:	Pennsauken M&R	Date Received:	09/12/25
Client Sample ID:	12/9C-EPH3	SDG No.:	Q3091
Lab Sample ID:	Q3091-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	96.4
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/15/25 08:30	09/15/25 16:36	PB169683

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	6.36		1	1.22	2.07	mg/kg	FE055831.D
Aliphatic C9-C28	Aliphatic C9-C28	1.78	J	1	0.94	4.15	mg/kg	FE055831.D
Total AliphaticEPH	Total AliphaticEPH	8.14			2.16	6.22	mg/kg	
Total EPH	Total EPH	8.14			2.16	6.22	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:	09/12/25	
Project:	Pennsauken M&R		Date Received:	09/12/25	
Client Sample ID:	12/9C-EPH3		SDG No.:	Q3091	
Lab Sample ID:	Q3091-04		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	96.4	
Sample Wt/Vol:	30.02	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
FE055831.D	1	09/15/25	09/15/25	PB169683

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		1.78	J	0.94	4.15	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		6.36		1.22	2.07	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		45.4		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		44.3		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:	Q3091-04	Acq On:	15 Sep 2025 16:36
Client Sample ID:	12/9C-EPH3	Operator:	YP\AJ
Data file:	FE055831.D	Misc:	
Instrument:	FID_E	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.312	6.945	620213	4.83	300	ug/ml
Aliphatic C12-C16	6.946	10.397	1023886	7.579	200	ug/ml
Aliphatic C16-C21	10.398	13.775	737873	5.116	300	ug/ml
Aliphatic C21-C28	13.776	17.446	1173676	8.194	400	ug/ml
Aliphatic C28-C40	17.447	22.458	12677211	92.051	600	ug/ml
Aliphatic EPH	3.312	22.458	16232859	117.77		ug/ml
ortho-Terphenyl (SURR)	12.073	12.073	7274439	44.28		ug/ml
1-chlorooctadecane (SURR)	13.509	13.509	5671848	45.36		ug/ml
Aliphatic C9-C28	3.312	17.446	3555648	25.719	1200	ug/ml