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

Report of Analysis

Client:	PSEG	Date Collected:	07/25/25
Project:	Washington St- Bay St OP	Date Received:	07/25/25
Client Sample ID:	TP-4	SDG No.:	Q2703
Lab Sample ID:	Q2703-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	62.8
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
07/28/25 09:00	07/29/25 11:09	PB169021

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	108		5	9.38	15.9	mg/kg	FE055062.D
Aliphatic C9-C28	Aliphatic C9-C28	7.60		1	1.45	6.36	mg/kg	FE055049.D
Total AliphaticEPH	Total AliphaticEPH	116			10.8	22.3	mg/kg	
Total EPH	Total EPH	116			10.8	22.3	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

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

Report of Analysis

Client:	PSEG	Date Collected:	07/25/25
Project:	Washington St- Bay St OP	Date Received:	07/25/25
Client Sample ID:	TP-4	SDG No.:	Q2703
Lab Sample ID:	Q2703-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	62.8
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
FE055049.D	1	07/28/25	07/28/25	PB169021

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	7.60		1.45	6.36	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	119	E	1.88	3.18	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	41.5		40 - 140	83%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	39.1		40 - 140	78%	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:	Q2703-01	Acq On:	28 Jul 2025 15:49
Client Sample ID:	TP-4	Operator:	YP\AJ
Data file:	FE055049.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	3.324	6.959	521995	4.21	300	ug/ml
Aliphatic C12-C16	6.960	10.413	1054771	7.936	200	ug/ml
Aliphatic C16-C21	10.414	13.792	2692292	20.531	300	ug/ml
Aliphatic C21-C28	13.793	17.462	4858086	38.941	400	ug/ml
Aliphatic C28-C40	17.463	22.490	135412321	1120	600	ug/ml
Aliphatic EPH	3.324	22.490	144539465	1200		ug/ml
ortho-Terphenyl (SURR)	12.094	12.094	5792086	39.13		ug/ml
1-chlorooctadecane (SURR)	13.529	13.529	4645240	41.48		ug/ml
Aliphatic C9-C28	3.324	17.462	9127144	71.618	1200	ug/ml