

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	PSEG Metro Way	Date Received:	
Client Sample ID:	TP-4MSD	SDG No.:	Q2779
Lab Sample ID:	Q2779-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:			uL
Prep Method :		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
08/07/25 09:25	08/07/25 18:52	PB169156

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Total AliphaticEPH	Total AliphaticEPH	209			2.48	7.10	mg/kg
Total EPH	Total EPH	209			2.48	7.10	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

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	PSEG Metro Way	Date Received:	
Client Sample ID:	TP-4MSD	SDG No.:	Q2779
Lab Sample ID:	Q2779-01MSD	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84.2
Sample Wt/Vol:	30.08	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC069606.D	1	08/07/25	08/07/25	PB169156

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	127	E	1.08	4.73	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	81.2	E	1.40	2.37	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	32.8		40 - 140	66%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.8		40 - 140	56%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2779-01MSD	Acq On:	07 Aug 2025 18:52
Client Sample ID:	Q2779-01MSD	Operator:	YP/AJ
Data file:	FC069606.D	Misc:	
Instrument:	FID_C	ALS Vial:	17
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.300	6.597	25520750	176.395	300	ug/ml
Aliphatic C12-C16	6.598	10.000	32186458	224.397	200	ug/ml
Aliphatic C16-C21	10.001	13.368	61294627	458.925	300	ug/ml
Aliphatic C21-C28	13.369	17.033	89311275	754.906	400	ug/ml
Aliphatic C28-C40	17.034	22.008	98015916	1030	600	ug/ml
Aliphatic EPH	3.300	22.008	306329026	2640		ug/ml
ortho-Terphenyl (SURR)	11.670	11.670	4146748	27.8		ug/ml
1-chlorooctadecane (SURR)	13.107	13.107	3573771	32.78		ug/ml
Aliphatic C9-C28	3.300	17.033	208313110	1610	1200	ug/ml