

Report of Analysis

Client:	PSEG	Date Collected:	04/16/25
Project:	Central Ave Substation	Date Received:	04/16/25
Client Sample ID:	TP-10-E2DL	SDG No.:	Q1825
Lab Sample ID:	Q1825-05DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	92.3
Sample Wt/Vol:	30.04 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
FC068646.D	10	04/17/25	04/18/25	PB167630

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	396		9.84	43.2	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	146		12.8	21.6	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.28		40 - 140	86%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.88		40 - 140	78%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1825-05DL	Acq On:	18 Apr 2025 22:54
Client Sample ID:	Q1825-05DL	Operator:	YP/AJ
Data file:	FC068646.D	Misc:	
Instrument:	FID_C	ALS Vial:	24
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.346	6.647	884067	8.397	300	ug/ml
Aliphatic C12-C16	6.648	10.048	1730715	16.914	200	ug/ml
Aliphatic C16-C21	10.049	13.416	16960810	171.639	300	ug/ml
Aliphatic C21-C28	13.417	17.083	33317178	353.741	400	ug/ml
Aliphatic C28-C40	17.084	22.087	18307276	203.679	600	ug/ml
Aliphatic EPH	3.346	22.087	71200046	754.371		ug/ml
ortho-Terphenyl (SURR)	11.716	11.716	494301	3.88		ug/ml
1-chlorooctadecane (SURR)	13.152	13.152	397169	4.28		ug/ml
Aliphatic C9-C28	3.346	17.083	52892770	550.691	1200	ug/ml