

Report of Analysis

Client:	PSEG	Date Collected:	04/16/25
Project:	Central Ave Substation	Date Received:	04/16/25
Client Sample ID:	TP-10DL	SDG No.:	Q1825
Lab Sample ID:	Q1825-04DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87.4
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
FC068645.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	492		10.4	45.6	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	165		13.5	22.9	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.11		40 - 140	82%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	3.52		40 - 140	70%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1825-04DL	Acq On:	18 Apr 2025 22:17
Client Sample ID:	Q1825-04DL	Operator:	YP/AJ
Data file:	FC068645.D	Misc:	
Instrument:	FID_C	ALS Vial:	23
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.346	6.647	854385	8.115	300	ug/ml
Aliphatic C12-C16	6.648	10.048	2086440	20.391	200	ug/ml
Aliphatic C16-C21	10.049	13.416	21534340	217.922	300	ug/ml
Aliphatic C21-C28	13.417	17.083	37605173	399.268	400	ug/ml
Aliphatic C28-C40	17.084	22.087	19529370	217.276	600	ug/ml
Aliphatic EPH	3.346	22.087	81609708	862.972		ug/ml
ortho-Terphenyl (SURR)	11.717	11.717	448680	3.52		ug/ml
1-chlorooctadecane (SURR)	13.152	13.152	381422	4.11		ug/ml
Aliphatic C9-C28	3.346	17.083	62080338	645.696	1200	ug/ml