

Report of Analysis

Client:	PSEG	Date Collected:	04/16/25
Project:	Central Ave Substation	Date Received:	04/16/25
Client Sample ID:	TP-11DL	SDG No.:	Q1825
Lab Sample ID:	Q1825-07DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	84
Sample Wt/Vol:	30.01 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
FE053430.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	237		10.8	47.6	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	106		14.0	23.8	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	6.05		40 - 140	121%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	2.30		40 - 140	46%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1825-07DL	Acq On:	18 Apr 2025 23:54
Client Sample ID:	Q1825-07DL	Operator:	YP\AJ
Data file:	FE053430.D	Misc:	
Instrument:	FID_E	ALS Vial:	29
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.126	6.766	770897	5.564	300	ug/ml
Aliphatic C12-C16	6.767	10.215	3692764	26.041	200	ug/ml
Aliphatic C16-C21	10.216	13.590	19854753	136.587	300	ug/ml
Aliphatic C21-C28	13.591	17.259	18797556	132.215	400	ug/ml
Aliphatic C28-C40	17.260	22.151	17360882	134.529	600	ug/ml
Aliphatic EPH	3.126	22.151	60476852	434.935		ug/ml
ortho-Terphenyl (SURR)	11.875	11.875	415330	2.3		ug/ml
1-chlorooctadecane (SURR)	13.321	13.321	817462	6.05		ug/ml
Aliphatic C9-C28	3.126	17.259	43115970	300.407	1200	ug/ml