

Report of Analysis

Client:	PSEG	Date Collected:	04/21/25
Project:	Lawrenceville HQ	Date Received:	04/21/25
Client Sample ID:	ETGI-275-E2DL	SDG No.:	Q1848
Lab Sample ID:	Q1848-04DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	86.7
Sample Wt/Vol:	30.07 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
FG015751.D	2	04/22/25	04/23/25	PB167690

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	39.1		2.09	9.20	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	59.6		2.72	4.60	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	16.9		40 - 140	67%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	13.0		40 - 140	52%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1848-04DL	Acq On:	23 Apr 2025 10:15
Client Sample ID:	Q1848-04DL	Operator:	YP\AJ
Data file:	FG015751.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	2	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.142	6.784	259340	2.3	300	ug/ml
Aliphatic C12-C16	6.785	10.234	811380	7.028	200	ug/ml
Aliphatic C16-C21	10.235	13.610	6496161	54.605	300	ug/ml
Aliphatic C21-C28	13.611	17.281	21850330	193.209	400	ug/ml
Aliphatic C28-C40	17.282	22.192	38302529	388.236	600	ug/ml
Aliphatic EPH	3.142	22.192	67719740	645.38		ug/ml
ortho-Terphenyl (SURR)	11.898	11.898	1890554	13.04		ug/ml
1-chlorooctadecane (SURR)	13.344	13.344	1784498	16.87		ug/ml
Aliphatic C9-C28	3.142	17.281	29417211	257.142	1200	ug/ml