

Report of Analysis

Client:	PSEG	Date Collected:	04/21/25
Project:	Lawrenceville HQ	Date Received:	04/21/25
Client Sample ID:	ETGI-342-E2DL	SDG No.:	Q1848
Lab Sample ID:	Q1848-06DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	87
Sample Wt/Vol:	30.02 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
FG015750.D	5	04/22/25	04/23/25	PB167690

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	86.7		5.22	23.0	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	83.4		6.78	11.5	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	11.0		40 - 140	110%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	7.96		40 - 140	80%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1848-06DL	Acq On:	23 Apr 2025 09:11
Client Sample ID:	Q1848-06DL	Operator:	YP\AJ
Data file:	FG015750.D	Misc:	
Instrument:	FID_G	ALS Vial:	23
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.142	6.784	93449	0.829	300	ug/ml
Aliphatic C12-C16	6.785	10.234	141098	1.222	200	ug/ml
Aliphatic C16-C21	10.235	13.610	7513017	63.153	300	ug/ml
Aliphatic C21-C28	13.611	17.281	18451202	163.153	400	ug/ml
Aliphatic C28-C40	17.282	22.192	21483973	217.763	600	ug/ml
Aliphatic EPH	3.142	22.192	47682739	446.119		ug/ml
ortho-Terphenyl (SURR)	11.897	11.897	1154172	7.96		ug/ml
1-chlorooctadecane (SURR)	13.343	13.343	1160570	10.97		ug/ml
Aliphatic C9-C28	3.142	17.281	26198766	228.357	1200	ug/ml