

Report of Analysis

Client:	PSEG	Date Collected:	10/29/24
Project:	Lawrenceville HQ	Date Received:	10/29/24
Client Sample ID:	ARS20-0001DL2	SDG No.:	P4613
Lab Sample ID:	P4613-01DL2	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	88.5
Sample Wt/Vol:	30.05 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
FE050938.D	200	10/30/24	10/31/24	PB164528

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28	8950		388	607	900	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	406	U	406	360	451	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140		0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140		0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	P4613-01DL2	Acq On:	31 Oct 2024 12:31
Client Sample ID:	P4613-01DL2	Operator:	YP\AJ
Data file:	FE050938.D	Misc:	
Instrument:	FID_E	ALS Vial:	13
Dilution Factor:	200	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.144	6.761	177650	1.243	300	ug/ml
Aliphatic C12-C16	6.762	10.193	15568787	107.283	200	ug/ml
Aliphatic C16-C21	10.194	13.552	56822776	393.506	300	ug/ml
Aliphatic C21-C28	13.553	17.208	13412787	94.353	400	ug/ml
Aliphatic C28-C40	17.209	22.054	75926	0.549	600	ug/ml
Aliphatic EPH	3.144	22.054	86057926	596.935		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.144	17.208	85982000	596.385	1200	ug/ml