

Report of Analysis

Client:	PSEG	Date Collected:	06/11/25
Project:	Central Ave Substation	Date Received:	06/11/25
Client Sample ID:	CONCRETE-SLABDL	SDG No.:	Q2287
Lab Sample ID:	Q2287-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.09 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
FE054384.D	10	06/12/25	06/13/25	PB168438

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	77.3		9.08	39.9	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	70.2		11.8	19.9	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	4.88		40 - 140	98%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	4.79		40 - 140	96%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2287-01DL	Acq On:	13 Jun 2025 15:20
Client Sample ID:	Q2287-01DL	Operator:	YP\AJ
Data file:	FE054384.D	Misc:	
Instrument:	FID_E	ALS Vial:	49
Dilution Factor:	10	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.073	6.718	293465	2.343	300	ug/ml
Aliphatic C12-C16	6.719	10.163	390973	2.981	200	ug/ml
Aliphatic C16-C21	10.164	13.535	651021	4.861	300	ug/ml
Aliphatic C21-C28	13.536	17.200	14175246	111.556	400	ug/ml
Aliphatic C28-C40	17.201	22.059	13552545	105.677	600	ug/ml
Aliphatic EPH	3.073	22.059	29063250	227.417		ug/ml
ortho-Terphenyl (SURR)	11.822	11.822	791779	4.79		ug/ml
1-chlorooctadecane (SURR)	13.268	13.268	594846	4.88		ug/ml
Aliphatic C9-C28	3.073	17.200	15510705	121.741	1200	ug/ml