

Report of Analysis

Client:	PSEG	Date Collected:	05/22/25
Project:	Harding (Morristown) Distribution Sub MA00006789	Date Received:	05/22/25
Client Sample ID:	HD-02-05222025DL	SDG No.:	Q2113
Lab Sample ID:	Q2113-01DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.1
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
FE054017.D	5	05/23/25	05/27/25	PB168138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	13.2	J	5.09	22.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	96.4		6.60	11.2	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	10.4		40 - 140	104%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	9.97		40 - 140	100%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2113-01DL	Acq On:	27 May 2025 11:05
Client Sample ID:	Q2113-01DL	Operator:	YP\AJ
Data file:	FE054017.D	Misc:	
Instrument:	FID_E	ALS Vial:	8
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.094	6.741	267346	1.972	300	ug/ml
Aliphatic C12-C16	6.742	10.189	1094608	8.112	200	ug/ml
Aliphatic C16-C21	10.190	13.564	2416142	18.316	300	ug/ml
Aliphatic C21-C28	13.565	17.234	1107128	8.916	400	ug/ml
Aliphatic C28-C40	17.235	22.120	29847236	258.572	600	ug/ml
Aliphatic EPH	3.094	22.120	34732460	295.889		ug/ml
ortho-Terphenyl (SURR)	11.849	11.849	1619957	9.97		ug/ml
1-chlorooctadecane (SURR)	13.295	13.295	1228145	10.36		ug/ml
Aliphatic C9-C28	3.094	17.234	4885224	37.316	1200	ug/ml