

Report of Analysis

Client:	PSEG	Date Collected:	04/14/25
Project:	Oradell Gas and Appliance Service MA00006789	Date Received:	04/14/25
Client Sample ID:	OR-03-041425-E2DL	SDG No.:	Q1806
Lab Sample ID:	Q1806-02DL	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	89.1
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
FE053381.D	5	04/15/25	04/16/25	PB167597

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	97.2		5.10	22.4	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	109		6.61	11.2	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	9.13		40 - 140	91%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	6.09		40 - 140	61%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1806-02DL	Acq On:	16 Apr 2025 09:39
Client Sample ID:	Q1806-02DL	Operator:	YP\AJ
Data file:	FE053381.D	Misc:	
Instrument:	FID_E	ALS Vial:	11
Dilution Factor:	5	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.134	6.777	636200	4.077	300	ug/ml
Aliphatic C12-C16	6.778	10.230	1461790	9.515	200	ug/ml
Aliphatic C16-C21	10.231	13.610	17866929	123.786	300	ug/ml
Aliphatic C21-C28	13.611	17.283	17050366	126.912	400	ug/ml
Aliphatic C28-C40	17.284	22.196	36312861	292.241	600	ug/ml
Aliphatic EPH	3.134	22.196	73328146	556.532		ug/ml
ortho-Terphenyl (SURR)	11.894	11.894	991891	6.09		ug/ml
1-chlorooctadecane (SURR)	13.341	13.341	1095875	9.13		ug/ml
Aliphatic C9-C28	3.134	17.283	37015285	264.29	1200	ug/ml