

Report of Analysis

Client:	PSEG	Date Collected:	06/18/25
Project:	Secaucus HQ	Date Received:	06/18/25
Client Sample ID:	3897	SDG No.:	Q2355
Lab Sample ID:	Q2355-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	5.02	Units:	g
Soil Aliquot Vol:		Final Vol:	2000 uL
Prep Method :		Test:	EPH_NF

Prep Date :	Date Analyzed :	Prep Batch ID
06/19/25 09:35	06/23/25 12:00	PB168552

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS							
Aliphatic C28-C40	Aliphatic C28-C40	510		10	70.5	119	mg/kg FE054536.D
Aliphatic C9-C28	Aliphatic C9-C28	1190		10	54.4	239	mg/kg FE054536.D
Total AliphaticEPH	Total AliphaticEPH	1700			125	358	mg/kg
Total EPH	Total EPH	1700			125	358	mg/kg

* As samples are not fractionated, all aliphatic and aromatic carbon compounds in the C9-C40 carbon range are calculated against the aliphatic calibration curve, and reported as Aliphatic EPH. Therefore, the aliphatic C9-C40 concentration for the sample is reported as the Total EPH.

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

Q = indicates LCS control criteria did not meet requirements

J = Estimated Value

B = Analyte Found in Associated Method Blank

N = Presumptive Evidence of a Compound

* = Values outside of QC limits

D = Dilution

Report of Analysis

Client:	PSEG	Date Collected:	06/18/25
Project:	Secaucus HQ	Date Received:	06/18/25
Client Sample ID:	3897	SDG No.:	Q2355
Lab Sample ID:	Q2355-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	5.02 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
FE054509.D	1	06/19/25	06/20/25	PB168552

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	1330	E	5.44	23.9	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	496	E	7.05	12.0	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.5		40 - 140	89%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	42.3		40 - 140	85%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2355-01	Acq On:	20 Jun 2025 07:52
Client Sample ID:	3897	Operator:	YP\AJ
Data file:	FE054509.D	Misc:	
Instrument:	FID_E	ALS Vial:	6
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.072	6.716	4205434	33.575	300	ug/ml
Aliphatic C12-C16	6.717	10.164	37700230	287.455	200	ug/ml
Aliphatic C16-C21	10.165	13.537	278910331	2080	300	ug/ml
Aliphatic C21-C28	13.538	17.205	120016408	944.5	400	ug/ml
Aliphatic C28-C40	17.206	22.069	159689219	1250	600	ug/ml
Aliphatic EPH	3.072	22.069	600521622	4590		ug/ml
ortho-Terphenyl (SURR)	11.831	11.831	6995070	42.33		ug/ml
1-chlorooctadecane (SURR)	13.277	13.277	5431151	44.54		ug/ml
Aliphatic C9-C28	3.072	17.205	440832403	3350	1200	ug/ml