

Report of Analysis

Client:	PSEG	Date Collected:	01/31/25
Project:	Secaucus HQ	Date Received:	01/31/25
Client Sample ID:	CONCRETE-PAD	SDG No.:	Q1262
Lab Sample ID:	Q1262-03	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.02 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
02/01/25 09:31	02/03/25 19:03	PB166469

Datafile

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	9.30		1	1.80	2.00	mg/kg	FF015443.D
Aliphatic C9-C28	Aliphatic C9-C28	3.22	J	1	1.72	3.99	mg/kg	FF015443.D
Total AliphaticEPH	Total AliphaticEPH	12.5			3.52	5.99	mg/kg	
Total EPH	Total EPH	12.5			3.52	5.99	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

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Prep Method :			

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FF015443.D	1	02/01/25	02/03/25	PB166469

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	3.22	J	1.72	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	9.30		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	25.1		40 - 140	50%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	23.9		40 - 140	48%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1262-03	Acq On:	03 Feb 2025 19:03
Client Sample ID:	CONCRETE-PAD	Operator:	YP\AJ
Data file:	FF015443.D	Misc:	
Instrument:	FID_F	ALS Vial:	81
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.213	6.835	429144	3.22	300	ug/ml
Aliphatic C12-C16	6.836	10.270	1075995	7.774	200	ug/ml
Aliphatic C16-C21	10.271	13.640	5851248	40.505	300	ug/ml
Aliphatic C21-C28	13.641	17.307	1259098	8.841	400	ug/ml
Aliphatic C28-C40	17.308	22.219	14608865	139.549	600	ug/ml
Aliphatic EPH	3.213	22.219	23224350	199.888		ug/ml
ortho-Terphenyl (SURR)	11.938	11.938	3792827	23.86		ug/ml
1-chlorooctadecane (SURR)	13.376	13.376	3130436	25.11		ug/ml
Aliphatic C9-C28	3.213	17.307	8615485	60.34	1200	ug/ml