284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PSEG	Date Collected:	01/31/25
Project:	Secaucus HQ	Date Received:	01/31/25
Client Sample ID:	CONCRETE-PAD-E2	SDG No.:	Q1262
Lab Sample ID:	Q1262-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.07 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 19:32	PB166469

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	8.60		1	1.80	2.00	mg/kg	FF015444.D
Aliphatic C9-C28	Aliphatic C9-C28	3.05	J	1	1.72	3.99	mg/kg	FF015444.D
Total AliphaticEPH	Total AliphaticEPH	11.6			3.52	5.99	mg/kg	
Total EPH	Total EPH	11.6			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

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Report of Analysis

Client:	PSEG	Date Collected:	01/31/25
Project:	Secaucus HQ	Date Received:	01/31/25
Client Sample ID:	CONCRETE-PAD-E2	SDG No.:	Q1262
Lab Sample ID:	Q1262-04	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	100
Sample Wt/Vol:	30.07 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
FF015444.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	3.05	J	1.72	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	8.60		1.80	2.00	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	22.7		40 - 140	45%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	21.8		40 - 140	44%	SPK: 50

284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900, Fax : 908 789 8922

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1262-04	Acq On:	03 Feb 2025 19:32
Client Sample ID:	CONCRETE-PAD-E2	Operator:	YP\AJ
Data file:	FF015444.D	Misc:	
Instrument:	FID_F	ALS Vial:	82
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.213	6.835	309237	2.32	300	ug/ml
Aliphatic C12-C16	6.836	10.270	1094615	7.909	200	ug/ml
Aliphatic C16-C21	10.271	13.640	5466354	37.84	300	ug/ml
Aliphatic C21-C28	13.641	17.307	971492	6.822	400	ug/ml
Aliphatic C28-C40	17.308	22.219	13537673	129.316	600	ug/ml
Aliphatic EPH	3.213	22.219	21379371	184.207		ug/ml
ortho-Terphenyl (SURR)	11.938	11.938	3466942	21.81		ug/ml
1-chlorooctadecane (SURR)	13.375	13.375	2828591	22.69		ug/ml
Aliphatic C9-C28	3.213	17.307	7841698	54.891	1200	ug/ml