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

Report of Analysis

Client:	PSEG	Date Collected:	05/28/25
Project:	Moorestown	Date Received:	05/28/25
Client Sample ID:	SMALL-CONCRETE-PAD	SDG No.:	Q2138
Lab Sample ID:	Q2138-01	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
05/29/25 09:15	05/29/25 19:36	PB168197

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	2.35		1	1.18	2.00	mg/kg	FE054080.D
Aliphatic C9-C28	Aliphatic C9-C28	2.21	J	1	0.91	3.99	mg/kg	FE054080.D
Total AliphaticEPH	Total AliphaticEPH	4.56	J		2.09	5.99	mg/kg	
Total EPH	Total EPH	4.56	J		2.09	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:	05/28/25	
Project:	Moorestown		Date Received:	05/28/25	
Client Sample ID:	SMALL-CONCRETE-PAD		SDG No.:	Q2138	
Lab Sample ID:	Q2138-01		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 :					

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FE054080.D	1	05/29/25	05/29/25	PB168197

CAS Number	Parameter		Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS							
Aliphatic C9-C28	Aliphatic C9-C28		2.21	J	0.91	3.99	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40		2.35		1.18	2.00	mg/kg
SURROGATES							
3383-33-2	1-chlorooctadecane (SURR)		38.9		40 - 140	78%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)		35.1		40 - 140	70%	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:	Q2138-01	Acq On:	29 May 2025 19:36
Client Sample ID:	SMALL-CONCRETE-PAD	Operator:	YP\AJ
Data file:	FE054080.D	Misc:	
Instrument:	FID_E	ALS Vial:	16
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.088	6.732	198452	1.464	300	ug/ml
Aliphatic C12-C16	6.733	10.179	641201	4.752	200	ug/ml
Aliphatic C16-C21	10.180	13.553	2154699	16.335	300	ug/ml
Aliphatic C21-C28	13.554	17.219	1493852	12.03	400	ug/ml
Aliphatic C28-C40	17.220	22.092	4075071	35.303	600	ug/ml
Aliphatic EPH	3.088	22.092	8563275	69.883		ug/ml
ortho-Terphenyl (SURR)	11.839	11.839	5706544	35.11		ug/ml
1-chlorooctadecane (SURR)	13.284	13.284	4606216	38.85		ug/ml
Aliphatic C9-C28	3.088	17.219	4488204	34.581	1200	ug/ml