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

Report of Analysis

Client:	PSEG	Date Collected:	06/02/25
Project:	BU-703 Willingboro	Date Received:	06/04/25
Client Sample ID:	BU-703-05A	SDG No.:	Q2207
Lab Sample ID:	Q2207-14	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	72.6
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
06/05/25 08:30	06/05/25 13:55	PB168297

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	11.0		1	1.62	2.75	mg/kg	FG015933.D
Aliphatic C9-C28	Aliphatic C9-C28	8.65		1	1.25	5.52	mg/kg	FG015933.D
Total AliphaticEPH	Total AliphaticEPH	19.7			2.87	8.27	mg/kg	
Total EPH	Total EPH	19.7			2.87	8.27	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:	06/02/25
Project:	BU-703 Willingboro	Date Received:	06/04/25
Client Sample ID:	BU-703-05A	SDG No.:	Q2207
Lab Sample ID:	Q2207-14	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	72.6
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
FG015933.D	1	06/05/25	06/05/25	PB168297

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	8.65		1.25	5.52	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	11.0		1.62	2.75	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	60.7		40 - 140	121%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	53.1		40 - 140	106%	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:	Q2207-14	Acq On:	05 Jun 2025 13:55
Client Sample ID:	BU-703-05A	Operator:	YP\AJ
Data file:	FG015933.D	Misc:	
Instrument:	FID_G	ALS Vial:	21
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.120	6.765	253504	2.233	300	ug/ml
Aliphatic C12-C16	6.766	10.215	1271726	10.895	200	ug/ml
Aliphatic C16-C21	10.216	13.591	8602077	70.394	300	ug/ml
Aliphatic C21-C28	13.592	17.262	1295730	10.785	400	ug/ml
Aliphatic C28-C40	17.263	22.162	13188453	119.425	600	ug/ml
Aliphatic EPH	3.120	22.162	24611490	213.731		ug/ml
ortho-Terphenyl (SURR)	11.882	11.882	7911117	53.13		ug/ml
1-chlorooctadecane (SURR)	13.327	13.327	6992192	60.7		ug/ml
Aliphatic C9-C28	3.120	17.262	11423037	94.307	1200	ug/ml