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

Report of Analysis

Client:	PSEG	Date Collected:	09/24/25
Project:	D-3404 Stop Joint Project	Date Received:	09/24/25
Client Sample ID:	ETGI-367	SDG No.:	Q3200
Lab Sample ID:	Q3200-01	Matrix:	Solid
Analytical Method:	NJEPH	% Solid:	82.2
Sample Wt/Vol:	30.04 Units: g	Final Vol:	2000 uL
Soil Aliquot Vol:	uL	Test:	EPH_NF
Prep Method :			

Prep Date :	Date Analyzed :	Prep Batch ID
09/26/25 09:35	09/29/25 15:22	PB169859

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	42.7		1	1.43	2.43	mg/kg	FE056046.D
Aliphatic C9-C28	Aliphatic C9-C28	7.59		1	1.11	4.85	mg/kg	FE056046.D
Total AliphaticEPH	Total AliphaticEPH	50.3			2.54	7.28	mg/kg	
Total EPH	Total EPH	50.3			2.54	7.28	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
FE056046.D	1	09/26/25	09/29/25	PB169859

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	7.59		1.11	4.85	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	42.7		1.43	2.43	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	34.6		40 - 140	69%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	31.9		40 - 140	64%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q3200-01	Acq On:	29 Sep 2025 15:22
Client Sample ID:	ETGI-367	Operator:	YP\AJ
Data file:	FE056046.D	Misc:	
Instrument:	FID_E	ALS Vial:	15
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.315	6.946	573096	4.093	300	ug/ml
Aliphatic C12-C16	6.947	10.396	1244411	8.113	200	ug/ml
Aliphatic C16-C21	10.397	13.773	6256499	37.717	300	ug/ml
Aliphatic C21-C28	13.774	17.443	6517055	43.878	400	ug/ml
Aliphatic C28-C40	17.444	22.449	71898732	527.69	600	ug/ml
Aliphatic EPH	3.315	22.449	86489793	621.491		ug/ml
ortho-Terphenyl (SURR)	12.074	12.074	5990411	31.92		ug/ml
1-chlorooctadecane (SURR)	13.511	13.511	4827221	34.59		ug/ml
Aliphatic C9-C28	3.315	17.443	14591061	93.801	1200	ug/ml