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

Report of Analysis

Client:	PSEG		Date Collected:	04/21/25	
Project:	Lawrenceville HQ		Date Received:	04/21/25	
Client Sample ID:	ETGI-275		SDG No.:	Q1848	
Lab Sample ID:	Q1848-03		Matrix:	Solid	
Analytical Method:	NJEPH		% Solid:	85.9	
Sample Wt/Vol:	30.08	Units: g	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH_NF	
Prep Method :					

Prep Date :	Date Analyzed :	Prep Batch ID
04/22/25 09:40	04/23/25 8:42	PB167690

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units(Dry Weight)	Datafile
TARGETS								
Aliphatic C28-C40	Aliphatic C28-C40	107		5	6.85	11.6	mg/kg	FG015749.D
Aliphatic C9-C28	Aliphatic C9-C28	107		5	5.29	23.2	mg/kg	FG015749.D
Total AliphaticEPH	Total AliphaticEPH	214			12.1	34.8	mg/kg	
Total EPH	Total EPH	214			12.1	34.8	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
FG015737.D	1	04/22/25	04/22/25	PB167690

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C28	Aliphatic C9-C28	93.5	E	1.06	4.64	mg/kg
Aliphatic C28-C40	Aliphatic C28-C40	88.0	E	1.37	2.32	mg/kg
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	36.8		40 - 140	74%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	27.1		40 - 140	54%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q1848-03	Acq On:	22 Apr 2025 15:16
Client Sample ID:	ETGI-275	Operator:	YP\AJ
Data file:	FG015737.D	Misc:	
Instrument:	FID_G	ALS Vial:	24
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.145	6.786	539232	4.783	300	ug/ml
Aliphatic C12-C16	6.787	10.235	2279236	19.743	200	ug/ml
Aliphatic C16-C21	10.236	13.612	39917439	335.537	300	ug/ml
Aliphatic C21-C28	13.613	17.283	95874914	847.764	400	ug/ml
Aliphatic C28-C40	17.284	22.194	112125118	1140	600	ug/ml
Aliphatic EPH	3.145	22.194	250735939	2340		ug/ml
ortho-Terphenyl (SURR)	11.899	11.899	3928114	27.1		ug/ml
1-chlorooctadecane (SURR)	13.345	13.345	3893190	36.82		ug/ml
Aliphatic C9-C28	3.145	17.283	138610821	1210	1200	ug/ml