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

Report of Analysis

Client:	PSEG			Date Collected:	05/16/25
Project:	Kuller Road Sub			Date Received:	05/16/25
Client Sample ID:	303-PPR-FRAC			SDG No.:	Q2067
Lab Sample ID:	Q2067-01			Matrix:	Water
Analytical Method:	NJEPH			% Solid:	0
Sample Wt/Vol:	950	Units:	mL	Final Vol:	2000 uL
Soil Aliquot Vol:			uL	Test:	EPH
Prep Method :	SW3510				

Prep Date :	Date Analyzed :	Prep Batch ID
05/20/25 08:38	05/20/25 16:16	PB168080

CAS Number	Parameter	Conc.	Qualifier	Dilution	MDL	LOQ / CRQL	Units	Datafile
TARGETS								
Aliphatic C9-C12	Aliphatic C9-C12	11.1	J	1	8.72	31.6	ug/l	FC068932.D
Aliphatic C12-C16	Aliphatic C12-C16	41.2		1	14.2	21.1	ug/l	FC068932.D
Aliphatic C16-C21	Aliphatic C16-C21	80.4		1	8.78	31.6	ug/l	FC068932.D
Aliphatic C21-C28	Aliphatic C21-C28	83.0		1	13.2	42.1	ug/l	FC068932.D
Aliphatic C28-C40	Aliphatic C28-C40	445		1	25.1	63.2	ug/l	FC068932.D
Aromatic C10-C12	Aromatic C10-C12	104		1	2.18	21.1	ug/l	FD049352.D
Aromatic C12-C16	Aromatic C12-C16	173		1	4.48	31.6	ug/l	FD049352.D
Aromatic C16-C21	Aromatic C16-C21	218		1	8.71	52.6	ug/l	FD049352.D
Aromatic C21-C36	Aromatic C21-C36	122		1	25.1	84.2	ug/l	FD049352.D
Total AliphaticEPH	Total AliphaticEPH	661			70.0	190	ug/l	
Total AromaticEPH	Total AromaticEPH	617			40.5	190	ug/l	
Total EPH	Total EPH	1280			110	379	ug/l	

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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Sample Wt/Vol:	950	Units: mL	Final Vol:	2000	uL
Soil Aliquot Vol:		uL	Test:	EPH	
Prep Method :	SW3510				

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FC068932.D	1	05/20/25	05/20/25	PB168080

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Aliphatic C21-C28	Aliphatic C21-C28	83.0		13.2	42.1	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	445		25.1	63.2	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	44.2		40 - 140	88%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

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Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2067-01	Acq On:	20 May 2025 16:16
Client Sample ID:	303-PPR-FRAC	Operator:	YP/AJ
Data file:	FC068932.D	Misc:	
Instrument:	FID_C	ALS Vial:	12
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.341	6.640	520332	5.249	300	ug/ml
Aliphatic C12-C16	6.641	10.040	1782577	19.592	200	ug/ml
Aliphatic C16-C21	10.041	13.408	3274868	38.186	300	ug/ml
Aliphatic C21-C28	13.409	17.070	3277007	39.439	400	ug/ml
Aliphatic C28-C40	17.071	22.065	17907583	211.617	600	ug/ml
Aliphatic EPH	3.341	22.065	26762367	314.083		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.141	13.141	3543155	44.16		ug/ml
Aliphatic C9-C28	3.341	17.070	8854784	102.466	1200	ug/ml