

Report of Analysis

Client:	PSEG	Date Collected:	06/25/25
Project:	414 Grand Street Gas Pipe Repair	Date Received:	06/25/25
Client Sample ID:	VAC-TRUCK-4074	SDG No.:	Q2418
Lab Sample ID:	Q2418-01	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	980 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
FG016152.D	1	06/26/25	06/27/25	PB168639

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
Aliphatic C9-C12	Aliphatic C9-C12	28.0	J	8.45	30.6	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	42300	E	13.8	20.4	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	147000	E	8.51	30.6	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	60000	E	12.8	40.8	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	2900	E	24.3	61.2	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	0.00		40 - 140	0%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	Q2418-01	Acq On:	27 Jun 2025 14:09
Client Sample ID:	VAC-TRUCK-4074	Operator:	YP\AJ
Data file:	FG016152.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	3.316	6.955	1501713	13.735	300	ug/ml
Aliphatic C12-C16	6.956	10.413	2315848219	20800	200	ug/ml
Aliphatic C16-C21	10.414	13.802	8220051180	71800	300	ug/ml
Aliphatic C21-C28	13.803	17.485	3361054604	29400	400	ug/ml
Aliphatic C28-C40	17.486	22.536	130708523	1420	600	ug/ml
Aliphatic EPH	3.316	22.536	14029164239	123000		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	0.000	0.000	0	0		ug/ml
Aliphatic C9-C28	3.316	17.485	13898455716	122000	1200	ug/ml