

Report of Analysis

Client:	PSEG	Date Collected:	
Project:	414 Grand Street Gas Pipe Repair	Date Received:	
Client Sample ID:	PB168639BS	SDG No.:	Q2418
Lab Sample ID:	PB168639BS	Matrix:	Water
Analytical Method:	NJEPH	% Solid:	0
Sample Wt/Vol:	1000 Units: mL	Final Vol:	2000 uL
Soil Aliquot Vol:		Test:	EPH
Prep Method :	SW3510		

File ID :	Dilution:	Prep Date :	Date Analyzed :	Prep Batch ID
FG016150.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	192		8.28	30.0	ug/l
Aliphatic C12-C16	Aliphatic C12-C16	174		13.5	20.0	ug/l
Aliphatic C16-C21	Aliphatic C16-C21	294		8.34	30.0	ug/l
Aliphatic C21-C28	Aliphatic C21-C28	405		12.5	40.0	ug/l
Aliphatic C28-C40	Aliphatic C28-C40	671		23.8	60.0	ug/l
SURROGATES						
3383-33-2	1-chlorooctadecane (SURR)	47.6		40 - 140	95%	SPK: 50
84-15-1	ortho-Terphenyl (SURR)	0.00		40 - 140	0%	SPK: 50

Quantitation Report For Aliphatic EPH Range.

Lab Sample ID:	PB168639BS	Acq On:	27 Jun 2025 13:09
Client Sample ID:	PB168639BS	Operator:	YP\AJ
Data file:	FG016150.D	Misc:	
Instrument:	FID_G	ALS Vial:	22
Dilution Factor:	1	Sample Multiplier:	1.00

Compound	R.T.		Response	Conc	highest_standard	Units
Aliphatic C9-C12	3.316	6.955	10542884	96.429	300	ug/ml
Aliphatic C12-C16	6.956	10.413	9772364	87.39	200	ug/ml
Aliphatic C16-C21	10.414	13.802	16881243	147.461	300	ug/ml
Aliphatic C21-C28	13.803	17.485	23220096	202.99	400	ug/ml
Aliphatic C28-C40	17.486	22.536	30868619	335.544	600	ug/ml
Aliphatic EPH	3.316	22.536	91285206	869.814		ug/ml
ortho-Terphenyl (SURR)	0.000	0.000	0	0		ug/ml
1-chlorooctadecane (SURR)	13.536	13.536	4791873	47.56		ug/ml
Aliphatic C9-C28	3.316	17.485	60416587	534.27	1200	ug/ml