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

Report of Analysis

Client:	PSEG	Date Collected:	11/17/25
Project:	PSEG Ridgefield OH ROW Bridge	Date Received:	11/17/25
Client Sample ID:	FRAC-TANK-M21012	SDG No.:	Q3660
Lab Sample ID:	Q3660-01	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	970 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/18/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	10.3	U	1	4.00	10.3	ug/L	11/18/25 18:23	PB170608
108-95-2	Phenol	5.20	U	1	0.94	5.20	ug/L	11/18/25 18:23	PB170608
111-44-4	bis(2-Chloroethyl)ether	5.20	U	1	0.84	5.20	ug/L	11/18/25 18:23	PB170608
95-57-8	2-Chlorophenol	5.20	U	1	0.60	5.20	ug/L	11/18/25 18:23	PB170608
95-48-7	2-Methylphenol	5.20	U	1	1.20	5.20	ug/L	11/18/25 18:23	PB170608
108-60-1	2,2-oxybis(1-Chloropropane)	5.20	U	1	1.30	5.20	ug/L	11/18/25 18:23	PB170608
98-86-2	Acetophenone	5.20	U	1	0.76	5.20	ug/L	11/18/25 18:23	PB170608
65794-96-9	3+4-Methylphenols	10.3	U	1	1.10	10.3	ug/L	11/18/25 18:23	PB170608
621-64-7	n-Nitroso-di-n-propylamine	2.60	U	1	1.50	2.60	ug/L	11/18/25 18:23	PB170608
67-72-1	Hexachloroethane	5.20	U	1	0.67	5.20	ug/L	11/18/25 18:23	PB170608
98-95-3	Nitrobenzene	5.20	U	1	0.78	5.20	ug/L	11/18/25 18:23	PB170608
78-59-1	Isophorone	5.20	U	1	0.77	5.20	ug/L	11/18/25 18:23	PB170608
88-75-5	2-Nitrophenol	5.20	U	1	1.80	5.20	ug/L	11/18/25 18:23	PB170608
105-67-9	2,4-Dimethylphenol	5.20	U	1	1.90	5.20	ug/L	11/18/25 18:23	PB170608
111-91-1	bis(2-Chloroethoxy)methane	5.20	U	1	0.70	5.20	ug/L	11/18/25 18:23	PB170608
120-83-2	2,4-Dichlorophenol	5.20	U	1	0.54	5.20	ug/L	11/18/25 18:23	PB170608
91-20-3	Naphthalene	5.20	U	1	0.52	5.20	ug/L	11/18/25 18:23	PB170608
106-47-8	4-Chloroaniline	5.20	U	1	0.87	5.20	ug/L	11/18/25 18:23	PB170608
87-68-3	Hexachlorobutadiene	5.20	U	1	0.56	5.20	ug/L	11/18/25 18:23	PB170608
105-60-2	Caprolactam	10.3	U	1	1.20	10.3	ug/L	11/18/25 18:23	PB170608
59-50-7	4-Chloro-3-methylphenol	5.20	U	1	0.61	5.20	ug/L	11/18/25 18:23	PB170608
91-57-6	2-Methylnaphthalene	5.20	U	1	0.58	5.20	ug/L	11/18/25 18:23	PB170608
77-47-4	Hexachlorocyclopentadiene	10.3	U	1	3.70	10.3	ug/L	11/18/25 18:23	PB170608
88-06-2	2,4,6-Trichlorophenol	5.20	U	1	0.53	5.20	ug/L	11/18/25 18:23	PB170608
95-95-4	2,4,5-Trichlorophenol	5.20	U	1	0.64	5.20	ug/L	11/18/25 18:23	PB170608
92-52-4	1,1-Biphenyl	5.20	U	1	0.55	5.20	ug/L	11/18/25 18:23	PB170608
91-58-7	2-Chloronaphthalene	5.20	U	1	0.63	5.20	ug/L	11/18/25 18:23	PB170608
88-74-4	2-Nitroaniline	5.20	U	1	1.30	5.20	ug/L	11/18/25 18:23	PB170608
131-11-3	Dimethylphthalate	5.20	U	1	0.63	5.20	ug/L	11/18/25 18:23	PB170608
208-96-8	Acenaphthylene	5.20	U	1	0.77	5.20	ug/L	11/18/25 18:23	PB170608
606-20-2	2,6-Dinitrotoluene	5.20	U	1	0.95	5.20	ug/L	11/18/25 18:23	PB170608
99-09-2	3-Nitroaniline	5.20	U	1	1.10	5.20	ug/L	11/18/25 18:23	PB170608
83-32-9	Acenaphthene	5.20	U	1	0.57	5.20	ug/L	11/18/25 18:23	PB170608
51-28-5	2,4-Dinitrophenol	10.3	U	1	6.20	10.3	ug/L	11/18/25 18:23	PB170608
100-02-7	4-Nitrophenol	10.3	U	1	2.50	10.3	ug/L	11/18/25 18:23	PB170608
132-64-9	Dibenzofuran	5.20	U	1	0.63	5.20	ug/L	11/18/25 18:23	PB170608
121-14-2	2,4-Dinitrotoluene	5.20	U	1	1.30	5.20	ug/L	11/18/25 18:23	PB170608
84-66-2	Diethylphthalate	5.20	U	1	0.71	5.20	ug/L	11/18/25 18:23	PB170608
7005-72-3	4-Chlorophenyl-phenylether	5.20	U	1	0.70	5.20	ug/L	11/18/25 18:23	PB170608
86-73-7	Fluorene	5.20	U	1	0.65	5.20	ug/L	11/18/25 18:23	PB170608
100-01-6	4-Nitroaniline	5.20	U	1	1.50	5.20	ug/L	11/18/25 18:23	PB170608
534-52-1	4,6-Dinitro-2-methylphenol	10.3	U	1	3.00	10.3	ug/L	11/18/25 18:23	PB170608

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Project:	PSEG Ridgefield OH ROW Bridge	Date Received:	11/17/25
Client Sample ID:	FRAC-TANK-M21012	SDG No.:	Q3660
Lab Sample ID:	Q3660-01	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	970 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/18/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	5.20	U	1	0.60	5.20	ug/L	11/18/25 18:23	PB170608
101-55-3	4-Bromophenyl-phenylether	5.20	U	1	0.41	5.20	ug/L	11/18/25 18:23	PB170608
118-74-1	Hexachlorobenzene	5.20	U	1	0.54	5.20	ug/L	11/18/25 18:23	PB170608
1912-24-9	Atrazine	5.20	U	1	1.00	5.20	ug/L	11/18/25 18:23	PB170608
87-86-5	Pentachlorophenol	10.3	U	1	1.60	10.3	ug/L	11/18/25 18:23	PB170608
85-01-8	Phenanthrene	5.20	U	1	0.52	5.20	ug/L	11/18/25 18:23	PB170608
120-12-7	Anthracene	5.20	U	1	0.63	5.20	ug/L	11/18/25 18:23	PB170608
86-74-8	Carbazole	5.20	U	1	0.74	5.20	ug/L	11/18/25 18:23	PB170608
84-74-2	Di-n-butylphthalate	5.20	U	1	1.30	5.20	ug/L	11/18/25 18:23	PB170608
206-44-0	Fluoranthene	5.20	U	1	0.85	5.20	ug/L	11/18/25 18:23	PB170608
129-00-0	Pyrene	5.20	U	1	0.52	5.20	ug/L	11/18/25 18:23	PB170608
85-68-7	Butylbenzylphthalate	5.20	U	1	2.00	5.20	ug/L	11/18/25 18:23	PB170608
91-94-1	3,3-Dichlorobenzidine	10.3	U	1	0.96	10.3	ug/L	11/18/25 18:23	PB170608
56-55-3	Benzo(a)anthracene	5.20	U	1	0.46	5.20	ug/L	11/18/25 18:23	PB170608
218-01-9	Chrysene	5.20	U	1	0.45	5.20	ug/L	11/18/25 18:23	PB170608
117-81-7	Bis(2-ethylhexyl)phthalate	5.20	U	1	1.60	5.20	ug/L	11/18/25 18:23	PB170608
117-84-0	Di-n-octyl phthalate	10.3	U	1	2.40	10.3	ug/L	11/18/25 18:23	PB170608
205-99-2	Benzo(b)fluoranthene	5.20	U	1	0.51	5.20	ug/L	11/18/25 18:23	PB170608
207-08-9	Benzo(k)fluoranthene	5.20	U	1	0.49	5.20	ug/L	11/18/25 18:23	PB170608
50-32-8	Benzo(a)pyrene	5.20	U	1	0.57	5.20	ug/L	11/18/25 18:23	PB170608
193-39-5	Indeno(1,2,3-cd)pyrene	5.20	U	1	0.61	5.20	ug/L	11/18/25 18:23	PB170608
53-70-3	Dibenzo(a,h)anthracene	5.20	U	1	0.69	5.20	ug/L	11/18/25 18:23	PB170608
191-24-2	Benzo(g,h,i)perylene	5.20	U	1	0.71	5.20	ug/L	11/18/25 18:23	PB170608
95-94-3	1,2,4,5-Tetrachlorobenzene	5.20	U	1	0.54	5.20	ug/L	11/18/25 18:23	PB170608
123-91-1	1,4-Dioxane	5.20	U	1	1.00	5.20	ug/L	11/18/25 18:23	PB170608
58-90-2	2,3,4,6-Tetrachlorophenol	5.20	U	1	0.74	5.20	ug/L	11/18/25 18:23	PB170608
SURROGATES									
367-12-4	2-Fluorophenol	66.9			10 - 134	45%	SPK: 150		
13127-88-3	Phenol-d6	42.9			10 - 135	29%	SPK: 150		
4165-60-0	Nitrobenzene-d5	86.6			39 - 138	87%	SPK: 100		
321-60-8	2-Fluorobiphenyl	86.2			52 - 132	86%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	124			44 - 137	83%	SPK: 150		
1718-51-0	Terphenyl-d14	101			42 - 152	101%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	45100							
1146-65-2	Naphthalene-d8	178000							
15067-26-2	Acenaphthene-d10	148000							
1517-22-2	Phenanthrene-d10	311000							
1719-03-5	Chrysene-d12	300000							
1520-96-3	Perylene-d12	340000							
TENTATIVE IDENTIFIED COMPOUNDS									
100-51-6	Benzyl Alcohol	9.70	J			8.39	ug/L		
65-85-0	Benzoic acid	15.1	J			10.2	ug/L		

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Client Sample ID:	FRAC-TANK-M21012	SDG No.:	Q3660
Lab Sample ID:	Q3660-01	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	970 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/18/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
002782-91-4	Thiourea, tetramethyl-	2.90	J			11.3	ug/L		
000095-16-9	Benzothiazole	2.50	J			11.6	ug/L		
000621-59-0	Benzaldehyde, 3-hydroxy-4-methoxy-	3.70	J			13.7	ug/L		
000101-83-7	Cyclohexanamine, N-cyclohexyl-	10.1	J			14.3	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
M = MS/MSD acceptance 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
() = Laboratory InHouse Limit
A = Aldol-Condensation Reaction Products