

Report of Analysis

Client:	PSEG	Date Collected:	07/17/25
Project:	Paterson Remediation	Date Received:	07/17/25
Client Sample ID:	FIBER-GLASS-TANK	SDG No.:	Q2633
Lab Sample ID:	Q2633-02	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
Sample Wt/Vol:	900 Units: mL	Final Vol:	1000 uL
Soil Aliquot Vol:	uL	Test:	SVOC-TCL BNA -20
Extraction Type :	Decanted : N	Level :	LOW
Injection Volume :	GPC Factor : 1.0	GPC Cleanup :	N PH :
Prep Method :			

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BM050492.D	1	07/23/25 09:00	07/23/25 16:18	PB168971

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units
TARGETS						
100-52-7	Benzaldehyde	11.1	U	4.30	11.1	ug/L
108-95-2	Phenol	5.60	U	1.00	5.60	ug/L
111-44-4	bis(2-Chloroethyl)ether	5.60	U	0.90	5.60	ug/L
95-57-8	2-Chlorophenol	5.60	U	0.64	5.60	ug/L
95-48-7	2-Methylphenol	5.60	U	1.20	5.60	ug/L
108-60-1	2,2-oxybis(1-Chloropropane)	5.60	U	1.40	5.60	ug/L
98-86-2	Acetophenone	5.60	U	0.82	5.60	ug/L
65794-96-9	3+4-Methylphenols	11.1	U	1.20	11.1	ug/L
621-64-7	n-Nitroso-di-n-propylamine	2.80	U	1.60	2.80	ug/L
67-72-1	Hexachloroethane	5.60	U	0.72	5.60	ug/L
98-95-3	Nitrobenzene	5.60	U	0.84	5.60	ug/L
78-59-1	Isophorone	5.60	U	0.83	5.60	ug/L
88-75-5	2-Nitrophenol	5.60	U	2.00	5.60	ug/L
105-67-9	2,4-Dimethylphenol	5.60	U	2.10	5.60	ug/L
111-91-1	bis(2-Chloroethoxy)methane	5.60	U	0.76	5.60	ug/L
120-83-2	2,4-Dichlorophenol	5.60	U	0.58	5.60	ug/L
91-20-3	Naphthalene	5.60	U	0.56	5.60	ug/L
106-47-8	4-Chloroaniline	5.60	U	0.93	5.60	ug/L
87-68-3	Hexachlorobutadiene	5.60	U	0.60	5.60	ug/L
105-60-2	Caprolactam	11.1	U	1.30	11.1	ug/L
59-50-7	4-Chloro-3-methylphenol	5.60	U	0.66	5.60	ug/L
91-57-6	2-Methylnaphthalene	5.60	U	0.62	5.60	ug/L
77-47-4	Hexachlorocyclopentadiene	11.1	U	4.00	11.1	ug/L
88-06-2	2,4,6-Trichlorophenol	5.60	U	0.57	5.60	ug/L
95-95-4	2,4,5-Trichlorophenol	5.60	U	0.69	5.60	ug/L
92-52-4	1,1-Biphenyl	5.60	U	0.59	5.60	ug/L
91-58-7	2-Chloronaphthalene	5.60	U	0.68	5.60	ug/L
88-74-4	2-Nitroaniline	5.60	U	1.40	5.60	ug/L
131-11-3	Dimethylphthalate	5.60	U	0.68	5.60	ug/L

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208-96-8	Acenaphthylene	5.60	U	0.83	5.60	ug/L
606-20-2	2,6-Dinitrotoluene	5.60	U	1.00	5.60	ug/L
99-09-2	3-Nitroaniline	5.60	U	1.20	5.60	ug/L
83-32-9	Acenaphthene	5.60	U	0.61	5.60	ug/L
51-28-5	2,4-Dinitrophenol	11.1	U	6.60	11.1	ug/L
100-02-7	4-Nitrophenol	11.1	U	2.60	11.1	ug/L
132-64-9	Dibenzofuran	5.60	U	0.68	5.60	ug/L
121-14-2	2,4-Dinitrotoluene	5.60	U	1.40	5.60	ug/L
84-66-2	Diethylphthalate	3.20	J	0.77	5.60	ug/L
7005-72-3	4-Chlorophenyl-phenylether	5.60	U	0.76	5.60	ug/L
86-73-7	Fluorene	5.60	U	0.70	5.60	ug/L
100-01-6	4-Nitroaniline	5.60	U	1.70	5.60	ug/L
534-52-1	4,6-Dinitro-2-methylphenol	11.1	U	3.20	11.1	ug/L
86-30-6	n-Nitrosodiphenylamine	5.60	U	0.64	5.60	ug/L
101-55-3	4-Bromophenyl-phenylether	5.60	U	0.44	5.60	ug/L
118-74-1	Hexachlorobenzene	5.60	U	0.58	5.60	ug/L
1912-24-9	Atrazine	5.60	U	1.10	5.60	ug/L
87-86-5	Pentachlorophenol	11.1	U	1.80	11.1	ug/L
85-01-8	Phenanthrene	5.60	U	0.56	5.60	ug/L
120-12-7	Anthracene	5.60	U	0.68	5.60	ug/L
86-74-8	Carbazole	5.60	U	0.80	5.60	ug/L
84-74-2	Di-n-butylphthalate	2.40	J	1.40	5.60	ug/L
206-44-0	Fluoranthene	5.60	U	0.91	5.60	ug/L
129-00-0	Pyrene	5.60	U	0.56	5.60	ug/L
85-68-7	Butylbenzylphthalate	5.60	U	2.10	5.60	ug/L
91-94-1	3,3-Dichlorobenzidine	11.1	U	1.00	11.1	ug/L
56-55-3	Benzo(a)anthracene	5.60	U	0.50	5.60	ug/L
218-01-9	Chrysene	5.60	U	0.49	5.60	ug/L
117-81-7	Bis(2-ethylhexyl)phthalate	5.60	U	1.80	5.60	ug/L
117-84-0	Di-n-octyl phthalate	11.1	U	2.60	11.1	ug/L
205-99-2	Benzo(b)fluoranthene	5.60	U	0.54	5.60	ug/L

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207-08-9	Benzo(k)fluoranthene	5.60	U	0.53	5.60	ug/L
50-32-8	Benzo(a)pyrene	5.60	U	0.61	5.60	ug/L
193-39-5	Indeno(1,2,3-cd)pyrene	5.60	U	0.66	5.60	ug/L
53-70-3	Dibenzo(a,h)anthracene	5.60	U	0.74	5.60	ug/L
191-24-2	Benzo(g,h,i)perylene	5.60	U	0.77	5.60	ug/L
95-94-3	1,2,4,5-Tetrachlorobenzene	5.60	U	0.58	5.60	ug/L
123-91-1	1,4-Dioxane	5.60	U	1.10	5.60	ug/L
58-90-2	2,3,4,6-Tetrachlorophenol	5.60	U	0.80	5.60	ug/L
SURROGATES						
367-12-4	2-Fluorophenol	61.1		23 - 138	41%	SPK: 150
13127-88-3	Phenol-d6	37.4		10 - 134	25%	SPK: 150
4165-60-0	Nitrobenzene-d5	78.9		67 - 132	79%	SPK: 100
321-60-8	2-Fluorobiphenyl	74.1		52 - 132	74%	SPK: 100
118-79-6	2,4,6-Tribromophenol	155		44 - 137	103%	SPK: 150
1718-51-0	Terphenyl-d14	69.2		42 - 152	69%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	691000		7.846		
1146-65-2	Naphthalene-d8	2470000		10.645		
15067-26-2	Acenaphthene-d10	1580000		14.475		
1517-22-2	Phenanthrene-d10	3130000		17.21		
1719-03-5	Chrysene-d12	3280000		21.439		
1520-96-3	Perylene-d12	3680000		24.468		
TENTATIVE IDENTIFIED COMPOUNDS						
000994-05-8	Butane, 2-methoxy-2-methyl-	94.7	J		3.03	ug/L
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	4.00	A		4.96	ug/L
000119-61-9	Benzophenone	3.00	J		15.8	ug/L
000057-10-3	n-Hexadecanoic acid	46.2	J		18.1	ug/L
002027-47-6	9-Octadecenoic acid	6.70	J		19.3	ug/L
000057-11-4	Octadecanoic acid	28.6	J		19.4	ug/L

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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