

Report of Analysis

Client:	PSEG	Date Collected:	11/17/25
Project:	PSEG Sewaren Gate Upgrade	Date Received:	11/17/25
Client Sample ID:	SEWAREN-CONCRETE	SDG No.:	Q3657
Lab Sample ID:	Q3657-01	Matrix:	SOIL
Analytical Method:	8270E	Level:	LOW
Sample Wt/Vol:	50.05 g	Final Vol:	1000 uL
Prep Method :	SW3541	Prep Date:	11/18/25
		Test:	SVOC-PAH

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
91-20-3	Naphthalene	0.10	U	1	0.014	0.10	mg/Kg	11/18/25 14:18	PB170598
208-96-8	Acenaphthylene	0.10	U	1	0.017	0.10	mg/Kg	11/18/25 14:18	PB170598
83-32-9	Acenaphthene	0.10	U	1	0.013	0.10	mg/Kg	11/18/25 14:18	PB170598
86-73-7	Fluorene	0.10	U	1	0.015	0.10	mg/Kg	11/18/25 14:18	PB170598
85-01-8	Phenanthrene	0.10	U	1	0.013	0.10	mg/Kg	11/18/25 14:18	PB170598
120-12-7	Anthracene	0.10	U	1	0.020	0.10	mg/Kg	11/18/25 14:18	PB170598
206-44-0	Fluoranthene	0.10	U	1	0.018	0.10	mg/Kg	11/18/25 14:18	PB170598
129-00-0	Pyrene	0.10	U	1	0.022	0.10	mg/Kg	11/18/25 14:18	PB170598
56-55-3	Benzo(a)anthracene	0.10	U	1	0.014	0.10	mg/Kg	11/18/25 14:18	PB170598
218-01-9	Chrysene	0.10	U	1	0.012	0.10	mg/Kg	11/18/25 14:18	PB170598
205-99-2	Benzo(b)fluoranthene	0.10	U	1	0.011	0.10	mg/Kg	11/18/25 14:18	PB170598
207-08-9	Benzo(k)fluoranthene	0.10	U	1	0.013	0.10	mg/Kg	11/18/25 14:18	PB170598
50-32-8	Benzo(a)pyrene	0.10	U	1	0.018	0.10	mg/Kg	11/18/25 14:18	PB170598
193-39-5	Indeno(1,2,3-cd)pyrene	0.10	U	1	0.017	0.10	mg/Kg	11/18/25 14:18	PB170598
53-70-3	Dibenzo(a,h)anthracene	0.10	U	1	0.016	0.10	mg/Kg	11/18/25 14:18	PB170598
191-24-2	Benzo(g,h,i)perylene	0.10	U	1	0.015	0.10	mg/Kg	11/18/25 14:18	PB170598
SURROGATES									
367-12-4	2-Fluorophenol	50.9			10 - 105	34%	SPK: 150		
13127-88-3	Phenol-d6	67.6			10 - 103	45%	SPK: 150		
4165-60-0	Nitrobenzene-d5	44.7			10 - 108	45%	SPK: 100		
321-60-8	2-Fluorobiphenyl	49.9			10 - 108	50%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	36.5			10 - 116	24%	SPK: 150		
1718-51-0	Terphenyl-d14	60.9			10 - 109	61%	SPK: 100		
INTERNAL STANDARDS									
		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	40800							
1146-65-2	Naphthalene-d8	159000							
15067-26-2	Acenaphthene-d10	131000							
1517-22-2	Phenanthrene-d10	341000							
1719-03-5	Chrysene-d12	416000							
1520-96-3	Perylene-d12	396000							

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