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

Report of Analysis

Client:	PSEG	Date Collected:	08/05/25
Project:	Bridgewater Switch	Date Received:	08/05/25
Client Sample ID:	254DL	SDG No.:	Q2774
Lab Sample ID:	Q2774-13DL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	78.3
Sample Wt/Vol:	50.02 Units: g	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 :	SW3541		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
BP025320.D	20	08/06/25 08:54	08/07/25 19:15	PB169138

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	5.10	UD	2.40	5.10	mg/Kg
108-95-2	Phenol	2.60	UD	0.34	2.60	mg/Kg
111-44-4	bis(2-Chloroethyl)ether	2.60	UD	0.37	2.60	mg/Kg
95-57-8	2-Chlorophenol	2.60	UD	0.37	2.60	mg/Kg
95-48-7	2-Methylphenol	2.60	UD	0.46	2.60	mg/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	2.60	UD	0.57	2.60	mg/Kg
98-86-2	Acetophenone	2.60	UD	0.45	2.60	mg/Kg
65794-96-9	3+4-Methylphenols	5.10	UD	0.63	5.10	mg/Kg
621-64-7	n-Nitroso-di-n-propylamine	1.20	UD	0.73	1.20	mg/Kg
67-72-1	Hexachloroethane	2.60	UD	0.27	2.60	mg/Kg
98-95-3	Nitrobenzene	2.60	UD	0.28	2.60	mg/Kg
78-59-1	Isophorone	2.60	UD	0.50	2.60	mg/Kg
88-75-5	2-Nitrophenol	2.60	UD	0.89	2.60	mg/Kg
105-67-9	2,4-Dimethylphenol	2.60	UD	0.99	2.60	mg/Kg
111-91-1	bis(2-Chloroethoxy)methane	2.60	UD	0.47	2.60	mg/Kg
120-83-2	2,4-Dichlorophenol	2.60	UD	0.43	2.60	mg/Kg
91-20-3	Naphthalene	2.60	UD	0.35	2.60	mg/Kg
106-47-8	4-Chloroaniline	2.60	UD	0.54	2.60	mg/Kg
87-68-3	Hexachlorobutadiene	2.60	UD	0.39	2.60	mg/Kg
105-60-2	Caprolactam	5.10	UD	0.80	5.10	mg/Kg
59-50-7	4-Chloro-3-methylphenol	2.60	UD	0.44	2.60	mg/Kg
91-57-6	2-Methylnaphthalene	2.60	UD	0.39	2.60	mg/Kg
77-47-4	Hexachlorocyclopentadiene	5.10	UD	1.80	5.10	mg/Kg
88-06-2	2,4,6-Trichlorophenol	2.60	UD	0.30	2.60	mg/Kg
95-95-4	2,4,5-Trichlorophenol	2.60	UD	0.45	2.60	mg/Kg
92-52-4	1,1-Biphenyl	2.60	UD	0.33	2.60	mg/Kg
91-58-7	2-Chloronaphthalene	2.60	UD	0.34	2.60	mg/Kg
88-74-4	2-Nitroaniline	2.60	UD	0.74	2.60	mg/Kg
131-11-3	Dimethylphthalate	2.60	UD	0.42	2.60	mg/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	2.60	UD	0.44	2.60	mg/Kg
606-20-2	2,6-Dinitrotoluene	2.60	UD	0.51	2.60	mg/Kg
99-09-2	3-Nitroaniline	2.60	UD	0.70	2.60	mg/Kg
83-32-9	Acenaphthene	2.60	UD	0.33	2.60	mg/Kg
51-28-5	2,4-Dinitrophenol	5.10	UD	3.50	5.10	mg/Kg
100-02-7	4-Nitrophenol	5.10	UD	1.60	5.10	mg/Kg
132-64-9	Dibenzofuran	2.60	UD	0.35	2.60	mg/Kg
121-14-2	2,4-Dinitrotoluene	2.60	UD	0.77	2.60	mg/Kg
84-66-2	Diethylphthalate	2.60	UD	0.43	2.60	mg/Kg
7005-72-3	4-Chlorophenyl-phenylether	2.60	UD	0.41	2.60	mg/Kg
86-73-7	Fluorene	2.60	UD	0.39	2.60	mg/Kg
100-01-6	4-Nitroaniline	2.60	UD	0.98	2.60	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	5.10	UD	1.60	5.10	mg/Kg
86-30-6	n-Nitrosodiphenylamine	2.60	UD	0.50	2.60	mg/Kg
101-55-3	4-Bromophenyl-phenylether	2.60	UD	0.43	2.60	mg/Kg
118-74-1	Hexachlorobenzene	2.60	UD	0.39	2.60	mg/Kg
1912-24-9	Atrazine	2.60	UD	0.52	2.60	mg/Kg
87-86-5	Pentachlorophenol	5.10	UD	0.79	5.10	mg/Kg
85-01-8	Phenanthrene	10.7	D	0.32	2.60	mg/Kg
120-12-7	Anthracene	1.90	JD	0.51	2.60	mg/Kg
86-74-8	Carbazole	1.30	JD	0.48	2.60	mg/Kg
84-74-2	Di-n-butylphthalate	2.60	UD	0.73	2.60	mg/Kg
206-44-0	Fluoranthene	21.8	D	0.46	2.60	mg/Kg
129-00-0	Pyrene	18.5	D	0.55	2.60	mg/Kg
85-68-7	Butylbenzylphthalate	2.60	UD	1.10	2.60	mg/Kg
91-94-1	3,3-Dichlorobenzidine	5.10	UD	0.56	5.10	mg/Kg
56-55-3	Benzo(a)anthracene	9.00	D	0.35	2.60	mg/Kg
218-01-9	Chrysene	10.5	D	0.30	2.60	mg/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	2.60	UD	0.91	2.60	mg/Kg
117-84-0	Di-n-octyl phthalate	5.10	UD	1.30	5.10	mg/Kg
205-99-2	Benzo(b)fluoranthene	13.3	D	0.29	2.60	mg/Kg

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207-08-9	Benzo(k)fluoranthene	4.20	D	0.34	2.60	mg/Kg
50-32-8	Benzo(a)pyrene	9.10	D	0.45	2.60	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	5.90	D	0.45	2.60	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	1.60	JD	0.42	2.60	mg/Kg
191-24-2	Benzo(g,h,i)perylene	6.80	D	0.39	2.60	mg/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	2.60	UD	0.39	2.60	mg/Kg
123-91-1	1,4-Dioxane	2.60	UD	0.69	2.60	mg/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	2.60	UD	0.42	2.60	mg/Kg
SURROGATES						
367-12-4	2-Fluorophenol	55.2		18 - 112	37%	SPK: 150
13127-88-3	Phenol-d6	57.3		15 - 107	38%	SPK: 150
4165-60-0	Nitrobenzene-d5	35.7		18 - 107	36%	SPK: 100
321-60-8	2-Fluorobiphenyl	37.9		20 - 109	38%	SPK: 100
118-79-6	2,4,6-Tribromophenol	59.6		10 - 116	40%	SPK: 150
1718-51-0	Terphenyl-d14	42.6		10 - 105	43%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	297000	7.808			
1146-65-2	Naphthalene-d8	1300000	10.578			
15067-26-2	Acenaphthene-d10	814000	14.419			
1517-22-2	Phenanthrene-d10	1520000	17.219			
1719-03-5	Chrysene-d12	1440000	21.654			
1520-96-3	Perylene-d12	1580000	25.036			

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