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

Report of Analysis

Client:	PSEG	Date Collected:	06/11/25
Project:	PSEG Onyx to STL poles	Date Received:	06/11/25
Client Sample ID:	WC-6DL	SDG No.:	Q2296
Lab Sample ID:	Q2296-21DL	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	87.5
Sample Wt/Vol:	50.08 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
BP024952.D	2	06/12/25 08:55	06/13/25 20:18	PB168437

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	0.45	UD	0.21	0.45	mg/Kg
108-95-2	Phenol	0.23	UD	0.030	0.23	mg/Kg
111-44-4	bis(2-Chloroethyl)ether	0.23	UD	0.033	0.23	mg/Kg
95-57-8	2-Chlorophenol	0.23	UD	0.033	0.23	mg/Kg
95-48-7	2-Methylphenol	0.23	UD	0.041	0.23	mg/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	0.23	UD	0.051	0.23	mg/Kg
98-86-2	Acetophenone	0.23	UD	0.040	0.23	mg/Kg
65794-96-9	3+4-Methylphenols	0.45	UD	0.056	0.45	mg/Kg
621-64-7	n-Nitroso-di-n-propylamine	0.11	UD	0.065	0.11	mg/Kg
67-72-1	Hexachloroethane	0.23	UD	0.024	0.23	mg/Kg
98-95-3	Nitrobenzene	0.23	UD	0.025	0.23	mg/Kg
78-59-1	Isophorone	0.23	UD	0.045	0.23	mg/Kg
88-75-5	2-Nitrophenol	0.23	UD	0.080	0.23	mg/Kg
105-67-9	2,4-Dimethylphenol	0.23	UD	0.089	0.23	mg/Kg
111-91-1	bis(2-Chloroethoxy)methane	0.23	UD	0.042	0.23	mg/Kg
120-83-2	2,4-Dichlorophenol	0.23	UD	0.039	0.23	mg/Kg
91-20-3	Naphthalene	0.23	UD	0.031	0.23	mg/Kg
106-47-8	4-Chloroaniline	0.23	UD	0.049	0.23	mg/Kg
87-68-3	Hexachlorobutadiene	0.23	UD	0.035	0.23	mg/Kg
105-60-2	Caprolactam	0.45	UD	0.071	0.45	mg/Kg
59-50-7	4-Chloro-3-methylphenol	0.23	UD	0.039	0.23	mg/Kg
91-57-6	2-Methylnaphthalene	0.23	UD	0.035	0.23	mg/Kg
77-47-4	Hexachlorocyclopentadiene	0.45	UD	0.16	0.45	mg/Kg
88-06-2	2,4,6-Trichlorophenol	0.23	UD	0.027	0.23	mg/Kg
95-95-4	2,4,5-Trichlorophenol	0.23	UD	0.040	0.23	mg/Kg
92-52-4	1,1-Biphenyl	0.23	UD	0.030	0.23	mg/Kg
91-58-7	2-Chloronaphthalene	0.23	UD	0.031	0.23	mg/Kg
88-74-4	2-Nitroaniline	0.23	UD	0.066	0.23	mg/Kg
131-11-3	Dimethylphthalate	0.23	UD	0.037	0.23	mg/Kg

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208-96-8	Acenaphthylene	0.18	JD	0.040	0.23	mg/Kg
606-20-2	2,6-Dinitrotoluene	0.23	UD	0.046	0.23	mg/Kg
99-09-2	3-Nitroaniline	0.23	UD	0.063	0.23	mg/Kg
83-32-9	Acenaphthene	0.23	UD	0.029	0.23	mg/Kg
51-28-5	2,4-Dinitrophenol	0.45	UD	0.31	0.45	mg/Kg
100-02-7	4-Nitrophenol	0.45	UD	0.15	0.45	mg/Kg
132-64-9	Dibenzofuran	0.23	UD	0.031	0.23	mg/Kg
121-14-2	2,4-Dinitrotoluene	0.23	UD	0.069	0.23	mg/Kg
84-66-2	Diethylphthalate	0.23	UD	0.039	0.23	mg/Kg
7005-72-3	4-Chlorophenyl-phenylether	0.23	UD	0.037	0.23	mg/Kg
86-73-7	Fluorene	0.23	UD	0.035	0.23	mg/Kg
100-01-6	4-Nitroaniline	0.23	UD	0.088	0.23	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	0.45	UD	0.14	0.45	mg/Kg
86-30-6	n-Nitrosodiphenylamine	0.23	UD	0.045	0.23	mg/Kg
101-55-3	4-Bromophenyl-phenylether	0.23	UD	0.038	0.23	mg/Kg
118-74-1	Hexachlorobenzene	0.23	UD	0.035	0.23	mg/Kg
1912-24-9	Atrazine	0.23	UD	0.047	0.23	mg/Kg
87-86-5	Pentachlorophenol	0.42	JD	0.070	0.45	mg/Kg
85-01-8	Phenanthrene	1.20	D	0.029	0.23	mg/Kg
120-12-7	Anthracene	0.33	D	0.046	0.23	mg/Kg
86-74-8	Carbazole	0.13	JD	0.043	0.23	mg/Kg
84-74-2	Di-n-butylphthalate	0.23	UD	0.066	0.23	mg/Kg
206-44-0	Fluoranthene	2.90	D	0.041	0.23	mg/Kg
129-00-0	Pyrene	2.70	D	0.049	0.23	mg/Kg
85-68-7	Butylbenzylphthalate	0.23	UD	0.098	0.23	mg/Kg
91-94-1	3,3-Dichlorobenzidine	0.45	UD	0.050	0.45	mg/Kg
56-55-3	Benzo(a)anthracene	1.60	D	0.032	0.23	mg/Kg
218-01-9	Chrysene	1.60	D	0.027	0.23	mg/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	0.23	UD	0.081	0.23	mg/Kg
117-84-0	Di-n-octyl phthalate	0.45	UD	0.12	0.45	mg/Kg
205-99-2	Benzo(b)fluoranthene	2.20	D	0.026	0.23	mg/Kg

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207-08-9	Benzo(k)fluoranthene	0.75	D	0.031	0.23	mg/Kg
50-32-8	Benzo(a)pyrene	1.60	D	0.040	0.23	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	D	0.040	0.23	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.30	D	0.038	0.23	mg/Kg
191-24-2	Benzo(g,h,i)perylene	1.30	D	0.035	0.23	mg/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	0.23	UD	0.035	0.23	mg/Kg
123-91-1	1,4-Dioxane	0.23	UD	0.062	0.23	mg/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	0.23	UD	0.038	0.23	mg/Kg
SURROGATES						
367-12-4	2-Fluorophenol	92.3		18 - 112	62%	SPK: 150
13127-88-3	Phenol-d6	94.9		15 - 107	63%	SPK: 150
4165-60-0	Nitrobenzene-d5	55.0		18 - 107	55%	SPK: 100
321-60-8	2-Fluorobiphenyl	55.4		20 - 109	55%	SPK: 100
118-79-6	2,4,6-Tribromophenol	88.5		10 - 116	59%	SPK: 150
1718-51-0	Terphenyl-d14	50.4		10 - 105	50%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	310000	7.608			
1146-65-2	Naphthalene-d8	1290000	10.378			
15067-26-2	Acenaphthene-d10	793000	14.26			
1517-22-2	Phenanthrene-d10	1450000	17.066			
1719-03-5	Chrysene-d12	1420000	21.489			
1520-96-3	Perylene-d12	1700000	24.771			

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