Alliance TECHNICAL GROUP
284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
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Report of Analysis

Client:	PSEG	Date Collected:	10/30/25
Project:	Hackensack - Palisades Electric Division Sub HQ	Date Received:	10/30/25
Client Sample ID:	324	SDG No.:	Q3503
Lab Sample ID:	Q3503-05	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	5.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	2.00	U	1	0.92	2.00	mg/Kg	10/31/25 19:38	PB170342
108-95-2	Phenol	1.00	U	1	0.13	1.00	mg/Kg	10/31/25 19:38	PB170342
111-44-4	bis(2-Chloroethyl)ether	1.00	U	1	0.14	1.00	mg/Kg	10/31/25 19:38	PB170342
95-57-8	2-Chlorophenol	1.00	U	1	0.14	1.00	mg/Kg	10/31/25 19:38	PB170342
95-48-7	2-Methylphenol	1.00	U	1	0.18	1.00	mg/Kg	10/31/25 19:38	PB170342
108-60-1	2,2-oxybis(1-Chloropropane)	1.00	U	1	0.22	1.00	mg/Kg	10/31/25 19:38	PB170342
98-86-2	Acetophenone	1.00	U	1	0.17	1.00	mg/Kg	10/31/25 19:38	PB170342
65794-96-9	3+4-Methylphenols	2.00	U	1	0.24	2.00	mg/Kg	10/31/25 19:38	PB170342
621-64-7	n-Nitroso-di-n-propylamine	0.47	U	1	0.28	0.47	mg/Kg	10/31/25 19:38	PB170342
67-72-1	Hexachloroethane	1.00	U	1	0.10	1.00	mg/Kg	10/31/25 19:38	PB170342
98-95-3	Nitrobenzene	1.00	U	1	0.11	1.00	mg/Kg	10/31/25 19:38	PB170342
78-59-1	Isophorone	1.00	U	1	0.19	1.00	mg/Kg	10/31/25 19:38	PB170342
88-75-5	2-Nitrophenol	1.00	U	1	0.34	1.00	mg/Kg	10/31/25 19:38	PB170342
105-67-9	2,4-Dimethylphenol	1.00	U	1	0.38	1.00	mg/Kg	10/31/25 19:38	PB170342
111-91-1	bis(2-Chloroethoxy)methane	1.00	U	1	0.18	1.00	mg/Kg	10/31/25 19:38	PB170342
120-83-2	2,4-Dichlorophenol	1.00	U	1	0.17	1.00	mg/Kg	10/31/25 19:38	PB170342
91-20-3	Naphthalene	1.00	U	1	0.13	1.00	mg/Kg	10/31/25 19:38	PB170342
106-47-8	4-Chloroaniline	1.00	U	1	0.21	1.00	mg/Kg	10/31/25 19:38	PB170342
87-68-3	Hexachlorobutadiene	1.00	U	1	0.15	1.00	mg/Kg	10/31/25 19:38	PB170342
105-60-2	Caprolactam	2.00	U	1	0.31	2.00	mg/Kg	10/31/25 19:38	PB170342
59-50-7	4-Chloro-3-methylphenol	1.00	U	1	0.17	1.00	mg/Kg	10/31/25 19:38	PB170342
91-57-6	2-Methylnaphthalene	1.00	U	1	0.15	1.00	mg/Kg	10/31/25 19:38	PB170342
77-47-4	Hexachlorocyclopentadiene	2.00	U	1	0.69	2.00	mg/Kg	10/31/25 19:38	PB170342
88-06-2	2,4,6-Trichlorophenol	1.00	U	1	0.12	1.00	mg/Kg	10/31/25 19:38	PB170342
95-95-4	2,4,5-Trichlorophenol	1.00	U	1	0.17	1.00	mg/Kg	10/31/25 19:38	PB170342
92-52-4	1,1-Biphenyl	1.00	U	1	0.13	1.00	mg/Kg	10/31/25 19:38	PB170342
91-58-7	2-Chloronaphthalene	1.00	U	1	0.13	1.00	mg/Kg	10/31/25 19:38	PB170342
88-74-4	2-Nitroaniline	1.00	U	1	0.28	1.00	mg/Kg	10/31/25 19:38	PB170342
131-11-3	Dimethylphthalate	1.00	U	1	0.16	1.00	mg/Kg	10/31/25 19:38	PB170342
208-96-8	Acenaphthylene	1.00	U	1	0.17	1.00	mg/Kg	10/31/25 19:38	PB170342
606-20-2	2,6-Dinitrotoluene	1.00	U	1	0.20	1.00	mg/Kg	10/31/25 19:38	PB170342
99-09-2	3-Nitroaniline	1.00	U	1	0.27	1.00	mg/Kg	10/31/25 19:38	PB170342
83-32-9	Acenaphthene	1.00	U	1	0.13	1.00	mg/Kg	10/31/25 19:38	PB170342
51-28-5	2,4-Dinitrophenol	2.00	U	1	1.40	2.00	mg/Kg	10/31/25 19:38	PB170342
100-02-7	4-Nitrophenol	2.00	U	1	0.63	2.00	mg/Kg	10/31/25 19:38	PB170342
132-64-9	Dibenzofuran	1.00	U	1	0.13	1.00	mg/Kg	10/31/25 19:38	PB170342
121-14-2	2,4-Dinitrotoluene	1.00	U	1	0.30	1.00	mg/Kg	10/31/25 19:38	PB170342
84-66-2	Diethylphthalate	1.00	U	1	0.17	1.00	mg/Kg	10/31/25 19:38	PB170342
7005-72-3	4-Chlorophenyl-phenylether	1.00	U	1	0.16	1.00	mg/Kg	10/31/25 19:38	PB170342
86-73-7	Fluorene	1.00	U	1	0.15	1.00	mg/Kg	10/31/25 19:38	PB170342
100-01-6	4-Nitroaniline	1.00	U	1	0.38	1.00	mg/Kg	10/31/25 19:38	PB170342
534-52-1	4,6-Dinitro-2-methylphenol	2.00	U	1	0.61	2.00	mg/Kg	10/31/25 19:38	PB170342

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Project:	Hackensack - Palisades Electric Division Sub HQ	Date Received:	10/30/25
Client Sample ID:	324	SDG No.:	Q3503
Lab Sample ID:	Q3503-05	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	5.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1.00	U	1	0.19	1.00	mg/Kg	10/31/25 19:38	PB170342
101-55-3	4-Bromophenyl-phenylether	1.00	U	1	0.16	1.00	mg/Kg	10/31/25 19:38	PB170342
118-74-1	Hexachlorobenzene	1.00	U	1	0.15	1.00	mg/Kg	10/31/25 19:38	PB170342
1912-24-9	Atrazine	1.00	U	1	0.20	1.00	mg/Kg	10/31/25 19:38	PB170342
87-86-5	Pentachlorophenol	2.00	U	1	0.30	2.00	mg/Kg	10/31/25 19:38	PB170342
85-01-8	Phenanthrene	1.00	U	1	0.12	1.00	mg/Kg	10/31/25 19:38	PB170342
120-12-7	Anthracene	1.00	U	1	0.20	1.00	mg/Kg	10/31/25 19:38	PB170342
86-74-8	Carbazole	1.00	U	1	0.18	1.00	mg/Kg	10/31/25 19:38	PB170342
84-74-2	Di-n-butylphthalate	1.00	U	1	0.28	1.00	mg/Kg	10/31/25 19:38	PB170342
206-44-0	Fluoranthene	1.00	U	1	0.18	1.00	mg/Kg	10/31/25 19:38	PB170342
129-00-0	Pyrene	1.00	U	1	0.21	1.00	mg/Kg	10/31/25 19:38	PB170342
85-68-7	Butylbenzylphthalate	1.00	U	1	0.42	1.00	mg/Kg	10/31/25 19:38	PB170342
91-94-1	3,3-Dichlorobenzidine	2.00	U	1	0.22	2.00	mg/Kg	10/31/25 19:38	PB170342
56-55-3	Benzo(a)anthracene	1.00	U	1	0.14	1.00	mg/Kg	10/31/25 19:38	PB170342
218-01-9	Chrysene	1.00	U	1	0.12	1.00	mg/Kg	10/31/25 19:38	PB170342
117-81-7	Bis(2-ethylhexyl)phthalate	6.50		1	0.35	1.00	mg/Kg	10/31/25 19:38	PB170342
117-84-0	Di-n-octyl phthalate	2.00	U	1	0.51	2.00	mg/Kg	10/31/25 19:38	PB170342
205-99-2	Benzo(b)fluoranthene	1.00	U	1	0.11	1.00	mg/Kg	10/31/25 19:38	PB170342
207-08-9	Benzo(k)fluoranthene	1.00	U	1	0.13	1.00	mg/Kg	10/31/25 19:38	PB170342
50-32-8	Benzo(a)pyrene	1.00	U	1	0.17	1.00	mg/Kg	10/31/25 19:38	PB170342
193-39-5	Indeno(1,2,3-cd)pyrene	1.00	U	1	0.17	1.00	mg/Kg	10/31/25 19:38	PB170342
53-70-3	Dibenzo(a,h)anthracene	1.00	U	1	0.16	1.00	mg/Kg	10/31/25 19:38	PB170342
191-24-2	Benzo(g,h,i)perylene	1.00	U	1	0.15	1.00	mg/Kg	10/31/25 19:38	PB170342
95-94-3	1,2,4,5-Tetrachlorobenzene	1.00	U	1	0.15	1.00	mg/Kg	10/31/25 19:38	PB170342
123-91-1	1,4-Dioxane	1.00	U	1	0.27	1.00	mg/Kg	10/31/25 19:38	PB170342
58-90-2	2,3,4,6-Tetrachlorophenol	1.00	U	1	0.16	1.00	mg/Kg	10/31/25 19:38	PB170342
SURROGATES									
367-12-4	2-Fluorophenol	62.2			18 - 112	41%	SPK: 150		
13127-88-3	Phenol-d6	66.6			15 - 107	44%	SPK: 150		
4165-60-0	Nitrobenzene-d5	51.5			18 - 107	51%	SPK: 100		
321-60-8	2-Fluorobiphenyl	47.5			20 - 109	48%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	67.6			10 - 116	45%	SPK: 150		
1718-51-0	Terphenyl-d14	48.0			10 - 105	48%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	46800							
1146-65-2	Naphthalene-d8	180000							
15067-26-2	Acenaphthene-d10	133000							
1517-22-2	Phenanthrene-d10	263000							
1719-03-5	Chrysene-d12	261000							
1520-96-3	Perylene-d12	306000							
TENTATIVE IDENTIFIED COMPOUNDS									
000108-38-3	Benzene, 1,3-dimethyl-	25400	J			6.21	ug/Kg		
000149-57-5	Hexanoic acid, 2-ethyl-	38400	J			9.84	ug/Kg		

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Client Sample ID:	324	SDG No.:	Q3503
Lab Sample ID:	Q3503-05	Matrix:	SOIL
Analytical Method:	8270E Level: LOW	% Solid:	100
Sample Wt/Vol:	5.07 g Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3510C Prep Date: 10/31/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
007098-22-8	Tetratetracontane	5100	J			15.1	ug/Kg		
035599-77-0	Tridecane, 1-iodo-	5000	J			16.9	ug/Kg		
003622-84-2	Benzenesulfonamide, N-butyl-	7400	J			17.4	ug/Kg		
055045-08-4	Dodecane, 2-methyl-6-propyl-	7300	J			18.4	ug/Kg		
000629-93-6	Octadecane, 1-iodo-	15700	J			18.5	ug/Kg		
001560-89-0	Heptadecane, 2-methyl-	7900	J			18.6	ug/Kg		
013187-99-0	2-Bromo dodecane	15400	J			18.8	ug/Kg		
000646-31-1	Tetracosane	15500	J			19.0	ug/Kg		
006418-43-5	Hexadecane, 3-methyl-	5600	J			19.2	ug/Kg		
000593-49-7	Heptacosane	16000	J			19.4	ug/Kg		
003054-63-5	Dodecane, 4,9-dipropyl-	42400	J			19.6	ug/Kg		

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