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

Report of Analysis

Client:	PSEG	Date Collected:	09/02/25
Project:	Defective Pole Replacement	Date Received:	09/02/25
Client Sample ID:	VNJ-231	SDG No.:	Q3003
Lab Sample ID:	Q3003-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	95.7
Sample Wt/Vol:	50.04 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
BG064282.D	1	09/03/25 09:10	09/04/25 14:20	PB169528

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
100-52-7	Benzaldehyde	0.21	U	0.098	0.21	mg/Kg
108-95-2	Phenol	0.11	U	0.014	0.11	mg/Kg
111-44-4	bis(2-Chloroethyl)ether	0.11	U	0.015	0.11	mg/Kg
95-57-8	2-Chlorophenol	0.11	U	0.015	0.11	mg/Kg
95-48-7	2-Methylphenol	0.11	U	0.019	0.11	mg/Kg
108-60-1	2,2-oxybis(1-Chloropropane)	0.11	U	0.024	0.11	mg/Kg
98-86-2	Acetophenone	0.11	U	0.019	0.11	mg/Kg
65794-96-9	3+4-Methylphenols	0.21	U	0.026	0.21	mg/Kg
621-64-7	n-Nitroso-di-n-propylamine	0.050	U	0.030	0.050	mg/Kg
67-72-1	Hexachloroethane	0.11	U	0.011	0.11	mg/Kg
98-95-3	Nitrobenzene	0.11	U	0.012	0.11	mg/Kg
78-59-1	Isophorone	0.11	U	0.021	0.11	mg/Kg
88-75-5	2-Nitrophenol	0.11	U	0.037	0.11	mg/Kg
105-67-9	2,4-Dimethylphenol	0.11	U	0.041	0.11	mg/Kg
111-91-1	bis(2-Chloroethoxy)methane	0.11	U	0.019	0.11	mg/Kg
120-83-2	2,4-Dichlorophenol	0.11	U	0.018	0.11	mg/Kg
91-20-3	Naphthalene	0.11	U	0.014	0.11	mg/Kg
106-47-8	4-Chloroaniline	0.11	U	0.022	0.11	mg/Kg
87-68-3	Hexachlorobutadiene	0.11	U	0.016	0.11	mg/Kg
105-60-2	Caprolactam	0.21	U	0.033	0.21	mg/Kg
59-50-7	4-Chloro-3-methylphenol	0.11	U	0.018	0.11	mg/Kg
91-57-6	2-Methylnaphthalene	0.11	U	0.016	0.11	mg/Kg
77-47-4	Hexachlorocyclopentadiene	0.21	U	0.073	0.21	mg/Kg
88-06-2	2,4,6-Trichlorophenol	0.11	U	0.012	0.11	mg/Kg
95-95-4	2,4,5-Trichlorophenol	0.11	U	0.018	0.11	mg/Kg
92-52-4	1,1-Biphenyl	0.11	U	0.014	0.11	mg/Kg
91-58-7	2-Chloronaphthalene	0.11	U	0.014	0.11	mg/Kg
88-74-4	2-Nitroaniline	0.11	U	0.030	0.11	mg/Kg
131-11-3	Dimethylphthalate	0.11	U	0.017	0.11	mg/Kg

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BG064282.D	1	09/03/25 09:10	09/04/25 14:20	PB169528

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
208-96-8	Acenaphthylene	0.11	U	0.018	0.11	mg/Kg
606-20-2	2,6-Dinitrotoluene	0.11	U	0.021	0.11	mg/Kg
99-09-2	3-Nitroaniline	0.11	U	0.029	0.11	mg/Kg
83-32-9	Acenaphthene	0.11	U	0.013	0.11	mg/Kg
51-28-5	2,4-Dinitrophenol	0.21	U	0.14	0.21	mg/Kg
100-02-7	4-Nitrophenol	0.21	U	0.067	0.21	mg/Kg
132-64-9	Dibenzofuran	0.11	U	0.014	0.11	mg/Kg
121-14-2	2,4-Dinitrotoluene	0.11	U	0.031	0.11	mg/Kg
84-66-2	Diethylphthalate	0.11	U	0.018	0.11	mg/Kg
7005-72-3	4-Chlorophenyl-phenylether	0.11	U	0.017	0.11	mg/Kg
86-73-7	Fluorene	0.11	U	0.016	0.11	mg/Kg
100-01-6	4-Nitroaniline	0.11	U	0.040	0.11	mg/Kg
534-52-1	4,6-Dinitro-2-methylphenol	0.21	U	0.065	0.21	mg/Kg
86-30-6	n-Nitrosodiphenylamine	0.11	U	0.021	0.11	mg/Kg
101-55-3	4-Bromophenyl-phenylether	0.11	U	0.017	0.11	mg/Kg
118-74-1	Hexachlorobenzene	0.11	U	0.016	0.11	mg/Kg
1912-24-9	Atrazine	0.11	U	0.021	0.11	mg/Kg
87-86-5	Pentachlorophenol	0.21	U	0.032	0.21	mg/Kg
85-01-8	Phenanthrene	0.24		0.013	0.11	mg/Kg
120-12-7	Anthracene	0.11	U	0.021	0.11	mg/Kg
86-74-8	Carbazole	0.11	U	0.020	0.11	mg/Kg
84-74-2	Di-n-butylphthalate	0.11	U	0.030	0.11	mg/Kg
206-44-0	Fluoranthene	0.37		0.019	0.11	mg/Kg
129-00-0	Pyrene	0.28		0.023	0.11	mg/Kg
85-68-7	Butylbenzylphthalate	0.11	U	0.045	0.11	mg/Kg
91-94-1	3,3-Dichlorobenzidine	0.21	U	0.023	0.21	mg/Kg
56-55-3	Benzo(a)anthracene	0.15		0.014	0.11	mg/Kg
218-01-9	Chrysene	0.18		0.013	0.11	mg/Kg
117-81-7	Bis(2-ethylhexyl)phthalate	0.11	U	0.037	0.11	mg/Kg
117-84-0	Di-n-octyl phthalate	0.21	U	0.054	0.21	mg/Kg
205-99-2	Benzo(b)fluoranthene	0.28		0.012	0.11	mg/Kg

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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
207-08-9	Benzo(k)fluoranthene	0.083	J	0.014	0.11	mg/Kg
50-32-8	Benzo(a)pyrene	0.17		0.019	0.11	mg/Kg
193-39-5	Indeno(1,2,3-cd)pyrene	0.096	J	0.018	0.11	mg/Kg
53-70-3	Dibenzo(a,h)anthracene	0.11	U	0.017	0.11	mg/Kg
191-24-2	Benzo(g,h,i)perylene	0.12		0.016	0.11	mg/Kg
95-94-3	1,2,4,5-Tetrachlorobenzene	0.11	U	0.016	0.11	mg/Kg
123-91-1	1,4-Dioxane	0.11	U	0.028	0.11	mg/Kg
58-90-2	2,3,4,6-Tetrachlorophenol	0.11	U	0.017	0.11	mg/Kg
SURROGATES						
367-12-4	2-Fluorophenol	135		18 - 112	90%	SPK: 150
13127-88-3	Phenol-d6	138		15 - 107	92%	SPK: 150
4165-60-0	Nitrobenzene-d5	90.1		18 - 107	90%	SPK: 100
321-60-8	2-Fluorobiphenyl	89.6		20 - 109	90%	SPK: 100
118-79-6	2,4,6-Tribromophenol	139		10 - 116	93%	SPK: 150
1718-51-0	Terphenyl-d14	91.5		10 - 105	91%	SPK: 100
INTERNAL STANDARDS						
3855-82-1	1,4-Dichlorobenzene-d4	25800	7.853			
1146-65-2	Naphthalene-d8	118000	10.638			
15067-26-2	Acenaphthene-d10	81700	14.475			
1517-22-2	Phenanthrene-d10	181000	17.219			
1719-03-5	Chrysene-d12	188000	21.449			
1520-96-3	Perylene-d12	206000	24.457			
TENTATIVE IDENTIFIED COMPOUNDS						
000123-42-2	2-Pentanone, 4-hydroxy-4-methyl-	280	A		4.97	ug/Kg
000119-61-9	Benzophenone	190	J		15.8	ug/Kg
000057-10-3	n-Hexadecanoic acid	390	J		18.1	ug/Kg
000203-64-5	4H-Cyclopenta[def]phenanthrene	65.4	J		18.3	ug/Kg
1000283-76-9	1-Perchloroethenyl-4-ethynylbenzen	270	J		18.5	ug/Kg
000084-65-1	9,10-Anthracenedione	47.8	J		18.6	ug/Kg
001897-45-6	Tetrachloroisophthalonitrile	41.8	J		19.2	ug/Kg

Alliance TECHNICAL GROUP
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CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
000057-11-4	Octadecanoic acid	100	J		19.4	ug/Kg
000057-74-9	Chlordane	92.9	J		19.4	ug/Kg
005103-74-2	trans-Chlordane	140	J		19.6	ug/Kg
018435-45-5	1-Nonadecene	140	J		21.1	ug/Kg
000557-61-9	Octacosanol	90.6	J		22.2	ug/Kg
006422-86-2	1,4-Benzenedicarboxylic acid, bis(	62.0	J		22.6	ug/Kg
114614-84-5	1-Cyclohexylnonene	71.6	J		23.2	ug/Kg
015594-90-8	1-Heneicosanol	150	J		23.7	ug/Kg
000205-82-3	Benzo[j]fluoranthene	150	J		24.2	ug/Kg
000593-45-3	Octadecane	90.0	J		25.5	ug/Kg
1000130-97-9	E-15-Heptadecenal	72.5	J		25.6	ug/Kg
	unknown29.369	160	J		29.4	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