

Report of Analysis

Client: PSEG
Project: Mikule Contracting, Inc. (Clifton, NJ) (CL)
Client Sample ID: CC-1-112525
Lab Sample ID: Q3723-01
Analytical Method: 8270E Level: LOW
Sample Wt/Vol: 50.07 g Final Vol: 1000 uL
Prep Method : SW3541 Prep Date: 11/26/25

Date Collected: 11/25/25
Date Received: 11/25/25
SDG No.: Q3723
Matrix: SOIL
% Solid: 92.1
Test: SVOC-TCL BNA -20

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	0.51	U	5	0.51	1.10	mg/Kg	11/27/25 00:44	PB170749
108-95-2	Phenol	0.072	U	5	0.072	0.55	mg/Kg	11/27/25 00:44	PB170749
111-44-4	bis(2-Chloroethyl)ether	0.079	U	5	0.079	0.55	mg/Kg	11/27/25 00:44	PB170749
95-57-8	2-Chlorophenol	0.079	U	5	0.079	0.55	mg/Kg	11/27/25 00:44	PB170749
95-48-7	2-Methylphenol	0.097	U	5	0.097	0.55	mg/Kg	11/27/25 00:44	PB170749
108-60-1	2,2-oxybis(1-Chloropropane)	0.12	U	5	0.12	0.55	mg/Kg	11/27/25 00:44	PB170749
98-86-2	Acetophenone	0.096	U	5	0.096	0.55	mg/Kg	11/27/25 00:44	PB170749
65794-96-9	3+4-Methylphenols	0.13	U	5	0.13	1.10	mg/Kg	11/27/25 00:44	PB170749
621-64-7	n-Nitroso-di-n-propylamine	0.15	U	5	0.15	0.26	mg/Kg	11/27/25 00:44	PB170749
67-72-1	Hexachloroethane	0.057	U	5	0.057	0.55	mg/Kg	11/27/25 00:44	PB170749
98-95-3	Nitrobenzene	0.060	U	5	0.060	0.55	mg/Kg	11/27/25 00:44	PB170749
78-59-1	Isophorone	0.11	U	5	0.11	0.55	mg/Kg	11/27/25 00:44	PB170749
88-75-5	2-Nitrophenol	0.19	U	5	0.19	0.55	mg/Kg	11/27/25 00:44	PB170749
105-67-9	2,4-Dimethylphenol	0.21	U	5	0.21	0.55	mg/Kg	11/27/25 00:44	PB170749
111-91-1	bis(2-Chloroethoxy)methane	0.10	U	5	0.10	0.55	mg/Kg	11/27/25 00:44	PB170749
120-83-2	2,4-Dichlorophenol	0.092	U	5	0.092	0.55	mg/Kg	11/27/25 00:44	PB170749
91-20-3	Naphthalene	0.074	U	5	0.074	0.55	mg/Kg	11/27/25 00:44	PB170749
106-47-8	4-Chloroaniline	0.12	U	5	0.12	0.55	mg/Kg	11/27/25 00:44	PB170749
87-68-3	Hexachlorobutadiene	0.082	U	5	0.082	0.55	mg/Kg	11/27/25 00:44	PB170749
105-60-2	Caprolactam	0.17	U	5	0.17	1.10	mg/Kg	11/27/25 00:44	PB170749
59-50-7	4-Chloro-3-methylphenol	0.093	U	5	0.093	0.55	mg/Kg	11/27/25 00:44	PB170749
91-57-6	2-Methylnaphthalene	0.083	U	5	0.083	0.55	mg/Kg	11/27/25 00:44	PB170749
77-47-4	Hexachlorocyclopentadiene	0.38	U	5	0.38	1.10	mg/Kg	11/27/25 00:44	PB170749
88-06-2	2,4,6-Trichlorophenol	0.064	U	5	0.064	0.55	mg/Kg	11/27/25 00:44	PB170749
95-95-4	2,4,5-Trichlorophenol	0.095	U	5	0.095	0.55	mg/Kg	11/27/25 00:44	PB170749
92-52-4	1,1-Biphenyl	0.071	U	5	0.071	0.55	mg/Kg	11/27/25 00:44	PB170749
91-58-7	2-Chloronaphthalene	0.073	U	5	0.073	0.55	mg/Kg	11/27/25 00:44	PB170749
88-74-4	2-Nitroaniline	0.16	U	5	0.16	0.55	mg/Kg	11/27/25 00:44	PB170749
131-11-3	Dimethylphthalate	0.088	U	5	0.088	0.55	mg/Kg	11/27/25 00:44	PB170749
208-96-8	Acenaphthylene	0.094	U	5	0.094	0.55	mg/Kg	11/27/25 00:44	PB170749
606-20-2	2,6-Dinitrotoluene	0.11	U	5	0.11	0.55	mg/Kg	11/27/25 00:44	PB170749
99-09-2	3-Nitroaniline	0.15	U	5	0.15	0.55	mg/Kg	11/27/25 00:44	PB170749
83-32-9	Acenaphthene	0.069	U	5	0.069	0.55	mg/Kg	11/27/25 00:44	PB170749
51-28-5	2,4-Dinitrophenol	0.74	U	5	0.74	1.10	mg/Kg	11/27/25 00:44	PB170749
100-02-7	4-Nitrophenol	0.35	U	5	0.35	1.10	mg/Kg	11/27/25 00:44	PB170749
132-64-9	Dibenzofuran	0.074	U	5	0.074	0.55	mg/Kg	11/27/25 00:44	PB170749
121-14-2	2,4-Dinitrotoluene	0.16	U	5	0.16	0.55	mg/Kg	11/27/25 00:44	PB170749
84-66-2	Diethylphthalate	0.092	U	5	0.092	0.55	mg/Kg	11/27/25 00:44	PB170749
7005-72-3	4-Chlorophenyl-phenylether	0.087	U	5	0.087	0.55	mg/Kg	11/27/25 00:44	PB170749
86-73-7	Fluorene	0.082	U	5	0.082	0.55	mg/Kg	11/27/25 00:44	PB170749
100-01-6	4-Nitroaniline	0.21	U	5	0.21	0.55	mg/Kg	11/27/25 00:44	PB170749
534-52-1	4,6-Dinitro-2-methylphenol	0.34	U	5	0.34	1.10	mg/Kg	11/27/25 00:44	PB170749

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Project:	Mikule Contracting, Inc. (Clifton, NJ) (CL)	Date Received:	11/25/25
Client Sample ID:	CC-1-112525	SDG No.:	Q3723
Lab Sample ID:	Q3723-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	92.1
Sample Wt/Vol:	50.07 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/26/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	0.11	U	5	0.11	0.55	mg/Kg	11/27/25 00:44	PB170749
101-55-3	4-Bromophenyl-phenylether	0.090	U	5	0.090	0.55	mg/Kg	11/27/25 00:44	PB170749
118-74-1	Hexachlorobenzene	0.082	U	5	0.082	0.55	mg/Kg	11/27/25 00:44	PB170749
1912-24-9	Atrazine	0.11	U	5	0.11	0.55	mg/Kg	11/27/25 00:44	PB170749
87-86-5	Pentachlorophenol	0.17	U	5	0.17	1.10	mg/Kg	11/27/25 00:44	PB170749
85-01-8	Phenanthrene	0.32	J	5	0.068	0.55	mg/Kg	11/27/25 00:44	PB170749
120-12-7	Anthracene	0.11	U	5	0.11	0.55	mg/Kg	11/27/25 00:44	PB170749
86-74-8	Carbazole	0.10	U	5	0.10	0.55	mg/Kg	11/27/25 00:44	PB170749
84-74-2	Di-n-butylphthalate	0.16	U	5	0.16	0.55	mg/Kg	11/27/25 00:44	PB170749
206-44-0	Fluoranthene	0.56		5	0.098	0.55	mg/Kg	11/27/25 00:44	PB170749
129-00-0	Pyrene	0.58		5	0.12	0.55	mg/Kg	11/27/25 00:44	PB170749
85-68-7	Butylbenzylphthalate	0.23	U	5	0.23	0.55	mg/Kg	11/27/25 00:44	PB170749
91-94-1	3,3-Dichlorobenzidine	0.12	U	5	0.12	1.10	mg/Kg	11/27/25 00:44	PB170749
56-55-3	Benzo(a)anthracene	0.31	J	5	0.075	0.55	mg/Kg	11/27/25 00:44	PB170749
218-01-9	Chrysene	0.29	J	5	0.065	0.55	mg/Kg	11/27/25 00:44	PB170749
117-81-7	Bis(2-ethylhexyl)phthalate	0.19	U	5	0.19	0.55	mg/Kg	11/27/25 00:44	PB170749
117-84-0	Di-n-octyl phthalate	0.28	U	5	0.28	1.10	mg/Kg	11/27/25 00:44	PB170749
205-99-2	Benzo(b)fluoranthene	0.31	J	5	0.062	0.55	mg/Kg	11/27/25 00:44	PB170749
207-08-9	Benzo(k)fluoranthene	0.073	U	5	0.073	0.55	mg/Kg	11/27/25 00:44	PB170749
50-32-8	Benzo(a)pyrene	0.27	J	5	0.096	0.55	mg/Kg	11/27/25 00:44	PB170749
193-39-5	Indeno(1,2,3-cd)pyrene	0.095	U	5	0.095	0.55	mg/Kg	11/27/25 00:44	PB170749
53-70-3	Dibenzo(a,h)anthracene	0.089	U	5	0.089	0.55	mg/Kg	11/27/25 00:44	PB170749
191-24-2	Benzo(g,h,i)perylene	0.084	U	5	0.084	0.55	mg/Kg	11/27/25 00:44	PB170749
95-94-3	1,2,4,5-Tetrachlorobenzene	0.083	U	5	0.083	0.55	mg/Kg	11/27/25 00:44	PB170749
123-91-1	1,4-Dioxane	0.15	U	5	0.15	0.55	mg/Kg	11/27/25 00:44	PB170749
58-90-2	2,3,4,6-Tetrachlorophenol	0.089	U	5	0.089	0.55	mg/Kg	11/27/25 00:44	PB170749

SURROGATES

367-12-4	2-Fluorophenol	71.1		10 - 105	47%	SPK: 150
13127-88-3	Phenol-d6	64.3		10 - 103	43%	SPK: 150
4165-60-0	Nitrobenzene-d5	43.4		10 - 108	43%	SPK: 100
321-60-8	2-Fluorobiphenyl	50.7		10 - 108	51%	SPK: 100
118-79-6	2,4,6-Tribromophenol	61.9		10 - 116	41%	SPK: 150
1718-51-0	Terphenyl-d14	44.4		10 - 109	44%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	63200
1146-65-2	Naphthalene-d8	213000
15067-26-2	Acenaphthene-d10	105000
1517-22-2	Phenanthrene-d10	201000
1719-03-5	Chrysene-d12	172000
1520-96-3	Perylene-d12	136000

TENTATIVE IDENTIFIED COMPOUNDS

000610-48-0	Anthracene, 1-methyl-	410	J	11.9	ug/Kg
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	Prep Date: 11/26/25		

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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