

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/03/25
Project:	Edison Landfill		Date Received:	11/04/25
Client Sample ID:	MW-6		SDG No.:	Q3534
Lab Sample ID:	Q3534-01		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:
Prep Method :	3510C	Prep Date:	11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	4.10	U	1	4.10	10.5	ug/L	11/06/25 20:33	PB170424
108-95-2	Phenol	0.96	U	1	0.96	5.30	ug/L	11/06/25 20:33	PB170424
111-44-4	bis(2-Chloroethyl)ether	0.85	U	1	0.85	5.30	ug/L	11/06/25 20:33	PB170424
95-57-8	2-Chlorophenol	0.61	U	1	0.61	5.30	ug/L	11/06/25 20:33	PB170424
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.30	ug/L	11/06/25 20:33	PB170424
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.30	ug/L	11/06/25 20:33	PB170424
98-86-2	Acetophenone	0.78	U	1	0.78	5.30	ug/L	11/06/25 20:33	PB170424
65794-96-9	3+4-Methylphenols	1.20	U	1	1.20	10.5	ug/L	11/06/25 20:33	PB170424
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.60	ug/L	11/06/25 20:33	PB170424
67-72-1	Hexachloroethane	0.68	U	1	0.68	5.30	ug/L	11/06/25 20:33	PB170424
98-95-3	Nitrobenzene	0.80	U	1	0.80	5.30	ug/L	11/06/25 20:33	PB170424
78-59-1	Isophorone	0.79	U	1	0.79	5.30	ug/L	11/06/25 20:33	PB170424
88-75-5	2-Nitrophenol	1.90	U	1	1.90	5.30	ug/L	11/06/25 20:33	PB170424
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.30	ug/L	11/06/25 20:33	PB170424
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	1	0.72	5.30	ug/L	11/06/25 20:33	PB170424
120-83-2	2,4-Dichlorophenol	0.55	U	1	0.55	5.30	ug/L	11/06/25 20:33	PB170424
91-20-3	Naphthalene	0.53	U	1	0.53	5.30	ug/L	11/06/25 20:33	PB170424
106-47-8	4-Chloroaniline	0.88	UQ	1	0.88	5.30	ug/L	11/06/25 20:33	PB170424
87-68-3	Hexachlorobutadiene	0.57	U	1	0.57	5.30	ug/L	11/06/25 20:33	PB170424
105-60-2	Caprolactam	1.20	U	1	1.20	10.5	ug/L	11/06/25 20:33	PB170424
59-50-7	4-Chloro-3-methylphenol	0.62	U	1	0.62	5.30	ug/L	11/06/25 20:33	PB170424
91-57-6	2-Methylnaphthalene	0.59	U	1	0.59	5.30	ug/L	11/06/25 20:33	PB170424
77-47-4	Hexachlorocyclopentadiene	3.80	U	1	3.80	10.5	ug/L	11/06/25 20:33	PB170424
88-06-2	2,4,6-Trichlorophenol	0.54	U	1	0.54	5.30	ug/L	11/06/25 20:33	PB170424
95-95-4	2,4,5-Trichlorophenol	0.65	U	1	0.65	5.30	ug/L	11/06/25 20:33	PB170424
92-52-4	1,1-Biphenyl	0.56	U	1	0.56	5.30	ug/L	11/06/25 20:33	PB170424
91-58-7	2-Chloronaphthalene	0.64	U	1	0.64	5.30	ug/L	11/06/25 20:33	PB170424
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.30	ug/L	11/06/25 20:33	PB170424
131-11-3	Dimethylphthalate	0.64	U	1	0.64	5.30	ug/L	11/06/25 20:33	PB170424
208-96-8	Acenaphthylene	0.79	U	1	0.79	5.30	ug/L	11/06/25 20:33	PB170424
606-20-2	2,6-Dinitrotoluene	0.97	U	1	0.97	5.30	ug/L	11/06/25 20:33	PB170424
99-09-2	3-Nitroaniline	1.10	U	1	1.10	5.30	ug/L	11/06/25 20:33	PB170424
83-32-9	Acenaphthene	0.58	U	1	0.58	5.30	ug/L	11/06/25 20:33	PB170424
51-28-5	2,4-Dinitrophenol	6.30	U	1	6.30	10.5	ug/L	11/06/25 20:33	PB170424
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.5	ug/L	11/06/25 20:33	PB170424
132-64-9	Dibenzofuran	0.64	U	1	0.64	5.30	ug/L	11/06/25 20:33	PB170424
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.30	ug/L	11/06/25 20:33	PB170424
84-66-2	Diethylphthalate	0.73	U	1	0.73	5.30	ug/L	11/06/25 20:33	PB170424
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	1	0.72	5.30	ug/L	11/06/25 20:33	PB170424
86-73-7	Fluorene	0.66	U	1	0.66	5.30	ug/L	11/06/25 20:33	PB170424
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.30	ug/L	11/06/25 20:33	PB170424
534-52-1	4,6-Dinitro-2-methylphenol	3.00	U	1	3.00	10.5	ug/L	11/06/25 20:33	PB170424

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Lab Sample ID:	Q3534-01		Matrix:	Water
Analytical Method:	8270E	Level: LOW	% Solid:	0
Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:
Prep Method :	3510C	Prep Date:	11/06/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	11.9		1	0.61	5.30	ug/L	11/06/25 20:33	PB170424
101-55-3	4-Bromophenyl-phenylether	0.42	U	1	0.42	5.30	ug/L	11/06/25 20:33	PB170424
118-74-1	Hexachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 20:33	PB170424
1912-24-9	Atrazine	1.10	U	1	1.10	5.30	ug/L	11/06/25 20:33	PB170424
87-86-5	Pentachlorophenol	1.70	U	1	1.70	10.5	ug/L	11/06/25 20:33	PB170424
85-01-8	Phenanthrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 20:33	PB170424
120-12-7	Anthracene	0.64	U	1	0.64	5.30	ug/L	11/06/25 20:33	PB170424
86-74-8	Carbazole	0.76	U	1	0.76	5.30	ug/L	11/06/25 20:33	PB170424
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.30	ug/L	11/06/25 20:33	PB170424
206-44-0	Fluoranthene	0.86	U	1	0.86	5.30	ug/L	11/06/25 20:33	PB170424
129-00-0	Pyrene	0.53	U	1	0.53	5.30	ug/L	11/06/25 20:33	PB170424
85-68-7	Butylbenzylphthalate	2.00	U	1	2.00	5.30	ug/L	11/06/25 20:33	PB170424
91-94-1	3,3-Dichlorobenzidine	0.98	U	1	0.98	10.5	ug/L	11/06/25 20:33	PB170424
56-55-3	Benzo(a)anthracene	0.47	U	1	0.47	5.30	ug/L	11/06/25 20:33	PB170424
218-01-9	Chrysene	0.46	U	1	0.46	5.30	ug/L	11/06/25 20:33	PB170424
117-81-7	Bis(2-ethylhexyl)phthalate	1.70	U	1	1.70	5.30	ug/L	11/06/25 20:33	PB170424
117-84-0	Di-n-octyl phthalate	2.50	U	1	2.50	10.5	ug/L	11/06/25 20:33	PB170424
205-99-2	Benzo(b)fluoranthene	0.52	U	1	0.52	5.30	ug/L	11/06/25 20:33	PB170424
207-08-9	Benzo(k)fluoranthene	0.51	U	1	0.51	5.30	ug/L	11/06/25 20:33	PB170424
50-32-8	Benzo(a)pyrene	0.58	U	1	0.58	5.30	ug/L	11/06/25 20:33	PB170424
193-39-5	Indeno(1,2,3-cd)pyrene	0.62	U	1	0.62	5.30	ug/L	11/06/25 20:33	PB170424
53-70-3	Dibenzo(a,h)anthracene	0.71	U	1	0.71	5.30	ug/L	11/06/25 20:33	PB170424
191-24-2	Benzo(g,h,i)perylene	0.73	U	1	0.73	5.30	ug/L	11/06/25 20:33	PB170424
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/06/25 20:33	PB170424
123-91-1	1,4-Dioxane	17.1		1	1.10	5.30	ug/L	11/06/25 20:33	PB170424
58-90-2	2,3,4,6-Tetrachlorophenol	0.76	U	1	0.76	5.30	ug/L	11/06/25 20:33	PB170424

SURROGATES

367-12-4	2-Fluorophenol	69.3			15 (23) - 110 (138)	46%	SPK: 150
13127-88-3	Phenol-d6	44.1			15 (10) - 110 (134)	29%	SPK: 150
4165-60-0	Nitrobenzene-d5	114			30 (67) - 130 (132)	114%	SPK: 100
321-60-8	2-Fluorobiphenyl	94.1			30 (52) - 130 (132)	94%	SPK: 100
118-79-6	2,4,6-Tribromophenol	189	*		15 (44) - 110 (137)	126%	SPK: 150
1718-51-0	Terphenyl-d14	91.5			30 (42) - 130 (152)	92%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	31000
1146-65-2	Naphthalene-d8	122000
15067-26-2	Acenaphthene-d10	100000
1517-22-2	Phenanthrene-d10	238000
1719-03-5	Chrysene-d12	286000
1520-96-3	Perylene-d12	321000

TENTATIVE IDENTIFIED COMPOUNDS

000078-40-0	Triethyl phosphate	5.70	J	9.65	ug/L
000098-54-4	Phenol, p-tert-butyl-	50.1	J	12.3	ug/L

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Lab Sample ID:	Q3534-01	Matrix:	Water
Analytical Method:	8270E	% Solid:	0
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	950 mL		
	Final Vol: 1000 uL		
Prep Method :	3510C		
	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
014888-58-5	4,7-Methano-5H-inden-5-one, 3,3a,4	32.4	J			12.4	ug/L		
000101-83-7	Cyclohexanamine, N-cyclohexyl-	13.8	J			14.3	ug/L		
000098-73-7	Benzoic acid, p-tert-butyl-	12.3	J			14.6	ug/L		
000934-34-9	2(3H)-Benzothiazolone	34.1	J			16.5	ug/L		
000080-39-7	Benzenesulfonamide, N-ethyl-4-meth	8.90	J			16.8	ug/L		
000092-82-0	Phenazine	9.60	J			17.2	ug/L		
000080-05-7	Phenol, 4,4-(1-methylethylidene)b	22.8	J			20.0	ug/L		
000078-51-3	Ethanol, 2-butoxy-, phosphate (3:1	9.30	J			20.9	ug/L		

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