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

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/05/25
Project:	Edison Landfill	Date Received:	11/06/25
Client Sample ID:	MW-12DL	SDG No.:	Q3569
Lab Sample ID:	Q3569-02DL	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	950 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	8.20	UD	2	8.20	21.1	ug/L	11/12/25 17:17	PB170473
108-95-2	Phenol	1.90	UD	2	1.90	10.5	ug/L	11/12/25 17:17	PB170473
111-44-4	bis(2-Chloroethyl)ether	1.70	UD	2	1.70	10.5	ug/L	11/12/25 17:17	PB170473
95-57-8	2-Chlorophenol	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
95-48-7	2-Methylphenol	2.40	UD	2	2.40	10.5	ug/L	11/12/25 17:17	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	2.70	UD	2	2.70	10.5	ug/L	11/12/25 17:17	PB170473
98-86-2	Acetophenone	1.60	UD	2	1.60	10.5	ug/L	11/12/25 17:17	PB170473
65794-96-9	3+4-Methylphenols	2.30	UD	2	2.30	21.1	ug/L	11/12/25 17:17	PB170473
621-64-7	n-Nitroso-di-n-propylamine	3.00	UD	2	3.00	5.30	ug/L	11/12/25 17:17	PB170473
67-72-1	Hexachloroethane	1.40	UD	2	1.40	10.5	ug/L	11/12/25 17:17	PB170473
98-95-3	Nitrobenzene	1.60	UD	2	1.60	10.5	ug/L	11/12/25 17:17	PB170473
78-59-1	Isophorone	1.60	UD	2	1.60	10.5	ug/L	11/12/25 17:17	PB170473
88-75-5	2-Nitrophenol	3.70	UD	2	3.70	10.5	ug/L	11/12/25 17:17	PB170473
105-67-9	2,4-Dimethylphenol	3.90	UD	2	3.90	10.5	ug/L	11/12/25 17:17	PB170473
111-91-1	bis(2-Chloroethoxy)methane	1.40	UD	2	1.40	10.5	ug/L	11/12/25 17:17	PB170473
120-83-2	2,4-Dichlorophenol	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
91-20-3	Naphthalene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
106-47-8	4-Chloroaniline	1.80	UDQ	2	1.80	10.5	ug/L	11/12/25 17:17	PB170473
87-68-3	Hexachlorobutadiene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
105-60-2	Caprolactam	2.40	UD	2	2.40	21.1	ug/L	11/12/25 17:17	PB170473
59-50-7	4-Chloro-3-methylphenol	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
91-57-6	2-Methylnaphthalene	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
77-47-4	Hexachlorocyclopentadiene	7.60	UD	2	7.60	21.1	ug/L	11/12/25 17:17	PB170473
88-06-2	2,4,6-Trichlorophenol	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
95-95-4	2,4,5-Trichlorophenol	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
92-52-4	1,1-Biphenyl	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
91-58-7	2-Chloronaphthalene	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
88-74-4	2-Nitroaniline	2.70	UD	2	2.70	10.5	ug/L	11/12/25 17:17	PB170473
131-11-3	Dimethylphthalate	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
208-96-8	Acenaphthylene	1.60	UD	2	1.60	10.5	ug/L	11/12/25 17:17	PB170473
606-20-2	2,6-Dinitrotoluene	1.90	UD	2	1.90	10.5	ug/L	11/12/25 17:17	PB170473
99-09-2	3-Nitroaniline	2.20	UDQ	2	2.20	10.5	ug/L	11/12/25 17:17	PB170473
83-32-9	Acenaphthene	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
51-28-5	2,4-Dinitrophenol	12.6	UD	2	12.6	21.1	ug/L	11/12/25 17:17	PB170473
100-02-7	4-Nitrophenol	5.00	UD	2	5.00	21.1	ug/L	11/12/25 17:17	PB170473
132-64-9	Dibenzofuran	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
121-14-2	2,4-Dinitrotoluene	2.60	UD	2	2.60	10.5	ug/L	11/12/25 17:17	PB170473
84-66-2	Diethylphthalate	1.50	UD	2	1.50	10.5	ug/L	11/12/25 17:17	PB170473
7005-72-3	4-Chlorophenyl-phenylether	1.40	UD	2	1.40	10.5	ug/L	11/12/25 17:17	PB170473
86-73-7	Fluorene	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
100-01-6	4-Nitroaniline	3.20	UD	2	3.20	10.5	ug/L	11/12/25 17:17	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	6.10	UD	2	6.10	21.1	ug/L	11/12/25 17:17	PB170473

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Lab Sample ID:	Q3569-02DL	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	950 mL Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C Prep Date: 11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
101-55-3	4-Bromophenyl-phenylether	0.84	UD	2	0.84	10.5	ug/L	11/12/25 17:17	PB170473
118-74-1	Hexachlorobenzene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
1912-24-9	Atrazine	2.10	UD	2	2.10	10.5	ug/L	11/12/25 17:17	PB170473
87-86-5	Pentachlorophenol	3.30	UD	2	3.30	21.1	ug/L	11/12/25 17:17	PB170473
85-01-8	Phenanthrene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
120-12-7	Anthracene	1.30	UD	2	1.30	10.5	ug/L	11/12/25 17:17	PB170473
86-74-8	Carbazole	1.50	UD	2	1.50	10.5	ug/L	11/12/25 17:17	PB170473
84-74-2	Di-n-butylphthalate	2.60	UD	2	2.60	10.5	ug/L	11/12/25 17:17	PB170473
206-44-0	Fluoranthene	1.70	UD	2	1.70	10.5	ug/L	11/12/25 17:17	PB170473
129-00-0	Pyrene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
85-68-7	Butylbenzylphthalate	4.10	UD	2	4.10	10.5	ug/L	11/12/25 17:17	PB170473
91-94-1	3,3-Dichlorobenzidine	2.00	UDQ	2	2.00	21.1	ug/L	11/12/25 17:17	PB170473
56-55-3	Benzo(a)anthracene	0.95	UD	2	0.95	10.5	ug/L	11/12/25 17:17	PB170473
218-01-9	Chrysene	0.93	UD	2	0.93	10.5	ug/L	11/12/25 17:17	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	3.40	UD	2	3.40	10.5	ug/L	11/12/25 17:17	PB170473
117-84-0	Di-n-octyl phthalate	4.90	UD	2	4.90	21.1	ug/L	11/12/25 17:17	PB170473
205-99-2	Benzo(b)fluoranthene	1.00	UD	2	1.00	10.5	ug/L	11/12/25 17:17	PB170473
207-08-9	Benzo(k)fluoranthene	1.00	UD	2	1.00	10.5	ug/L	11/12/25 17:17	PB170473
50-32-8	Benzo(a)pyrene	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	1.20	UD	2	1.20	10.5	ug/L	11/12/25 17:17	PB170473
53-70-3	Dibenzo(a,h)anthracene	1.40	UD	2	1.40	10.5	ug/L	11/12/25 17:17	PB170473
191-24-2	Benzo(g,h,i)perylene	1.50	UD	2	1.50	10.5	ug/L	11/12/25 17:17	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	1.10	UD	2	1.10	10.5	ug/L	11/12/25 17:17	PB170473
123-91-1	1,4-Dioxane	90.4	D	2	2.10	10.5	ug/L	11/12/25 17:17	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	1.50	UD	2	1.50	10.5	ug/L	11/12/25 17:17	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	66.2			15 (10) - 110 (134)	44%	SPK: 150		
13127-88-3	Phenol-d6	44.2			15 (10) - 110 (135)	29%	SPK: 150		
4165-60-0	Nitrobenzene-d5	92.9			30 (39) - 130 (138)	93%	SPK: 100		
321-60-8	2-Fluorobiphenyl	83.9			30 (52) - 130 (132)	84%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	164			15 (44) - 110 (137)	109%	SPK: 150		
1718-51-0	Terphenyl-d14	84.4			30 (42) - 130 (152)	84%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	346000							
1146-65-2	Naphthalene-d8	1360000							
15067-26-2	Acenaphthene-d10	867000							
1517-22-2	Phenanthrene-d10	1780000							
1719-03-5	Chrysene-d12	2020000							
1520-96-3	Perylene-d12	2320000							

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Sample Wt/Vol:	950 mL	Final Vol:	1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	3510C	Prep Date:	11/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID

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