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-2	SDG No.:	Q3569
Lab Sample ID:	Q3569-01	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	940 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	4.20	U	1	4.20	10.6	ug/L	11/11/25 18:14	PB170473
108-95-2	Phenol	0.97	U	1	0.97	5.30	ug/L	11/11/25 18:14	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.86	U	1	0.86	5.30	ug/L	11/11/25 18:14	PB170473
95-57-8	2-Chlorophenol	0.62	U	1	0.62	5.30	ug/L	11/11/25 18:14	PB170473
95-48-7	2-Methylphenol	1.20	U	1	1.20	5.30	ug/L	11/11/25 18:14	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.40	U	1	1.40	5.30	ug/L	11/11/25 18:14	PB170473
98-86-2	Acetophenone	0.79	U	1	0.79	5.30	ug/L	11/11/25 18:14	PB170473
65794-96-9	3+4-Methylphenols	1.20	U	1	1.20	10.6	ug/L	11/11/25 18:14	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.50	U	1	1.50	2.70	ug/L	11/11/25 18:14	PB170473
67-72-1	Hexachloroethane	0.69	U	1	0.69	5.30	ug/L	11/11/25 18:14	PB170473
98-95-3	Nitrobenzene	0.81	U	1	0.81	5.30	ug/L	11/11/25 18:14	PB170473
78-59-1	Isophorone	0.80	U	1	0.80	5.30	ug/L	11/11/25 18:14	PB170473
88-75-5	2-Nitrophenol	1.90	U	1	1.90	5.30	ug/L	11/11/25 18:14	PB170473
105-67-9	2,4-Dimethylphenol	2.00	U	1	2.00	5.30	ug/L	11/11/25 18:14	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.72	U	1	0.72	5.30	ug/L	11/11/25 18:14	PB170473
120-83-2	2,4-Dichlorophenol	0.55	U	1	0.55	5.30	ug/L	11/11/25 18:14	PB170473
91-20-3	Naphthalene	0.53	U	1	0.53	5.30	ug/L	11/11/25 18:14	PB170473
106-47-8	4-Chloroaniline	0.89	UQ	1	0.89	5.30	ug/L	11/11/25 18:14	PB170473
87-68-3	Hexachlorobutadiene	0.57	U	1	0.57	5.30	ug/L	11/11/25 18:14	PB170473
105-60-2	Caprolactam	1.20	U	1	1.20	10.6	ug/L	11/11/25 18:14	PB170473
59-50-7	4-Chloro-3-methylphenol	0.63	U	1	0.63	5.30	ug/L	11/11/25 18:14	PB170473
91-57-6	2-Methylnaphthalene	0.60	U	1	0.60	5.30	ug/L	11/11/25 18:14	PB170473
77-47-4	Hexachlorocyclopentadiene	3.90	U	1	3.90	10.6	ug/L	11/11/25 18:14	PB170473
88-06-2	2,4,6-Trichlorophenol	0.54	U	1	0.54	5.30	ug/L	11/11/25 18:14	PB170473
95-95-4	2,4,5-Trichlorophenol	0.66	U	1	0.66	5.30	ug/L	11/11/25 18:14	PB170473
92-52-4	1,1-Biphenyl	0.56	U	1	0.56	5.30	ug/L	11/11/25 18:14	PB170473
91-58-7	2-Chloronaphthalene	0.65	U	1	0.65	5.30	ug/L	11/11/25 18:14	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:14	PB170473
131-11-3	Dimethylphthalate	0.65	U	1	0.65	5.30	ug/L	11/11/25 18:14	PB170473
208-96-8	Acenaphthylene	0.80	U	1	0.80	5.30	ug/L	11/11/25 18:14	PB170473
606-20-2	2,6-Dinitrotoluene	0.98	U	1	0.98	5.30	ug/L	11/11/25 18:14	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.30	ug/L	11/11/25 18:14	PB170473
83-32-9	Acenaphthene	0.59	U	1	0.59	5.30	ug/L	11/11/25 18:14	PB170473
51-28-5	2,4-Dinitrophenol	6.40	U	1	6.40	10.6	ug/L	11/11/25 18:14	PB170473
100-02-7	4-Nitrophenol	2.50	U	1	2.50	10.6	ug/L	11/11/25 18:14	PB170473
132-64-9	Dibenzofuran	0.65	U	1	0.65	5.30	ug/L	11/11/25 18:14	PB170473
121-14-2	2,4-Dinitrotoluene	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:14	PB170473
84-66-2	Diethylphthalate	0.73	U	1	0.73	5.30	ug/L	11/11/25 18:14	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.72	U	1	0.72	5.30	ug/L	11/11/25 18:14	PB170473
86-73-7	Fluorene	0.67	U	1	0.67	5.30	ug/L	11/11/25 18:14	PB170473
100-01-6	4-Nitroaniline	1.60	U	1	1.60	5.30	ug/L	11/11/25 18:14	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	3.10	U	1	3.10	10.6	ug/L	11/11/25 18:14	PB170473

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Client Sample ID:	MW-2			SDG No.:	Q3569
Lab Sample ID:	Q3569-01			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	940 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	0.62	U	1	0.62	5.30	ug/L	11/11/25 18:14	PB170473
101-55-3	4-Bromophenyl-phenylether	0.43	U	1	0.43	5.30	ug/L	11/11/25 18:14	PB170473
118-74-1	Hexachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/11/25 18:14	PB170473
1912-24-9	Atrazine	1.10	U	1	1.10	5.30	ug/L	11/11/25 18:14	PB170473
87-86-5	Pentachlorophenol	1.70	U	1	1.70	10.6	ug/L	11/11/25 18:14	PB170473
85-01-8	Phenanthrene	0.53	U	1	0.53	5.30	ug/L	11/11/25 18:14	PB170473
120-12-7	Anthracene	0.65	U	1	0.65	5.30	ug/L	11/11/25 18:14	PB170473
86-74-8	Carbazole	0.77	U	1	0.77	5.30	ug/L	11/11/25 18:14	PB170473
84-74-2	Di-n-butylphthalate	1.30	U	1	1.30	5.30	ug/L	11/11/25 18:14	PB170473
206-44-0	Fluoranthene	0.87	U	1	0.87	5.30	ug/L	11/11/25 18:14	PB170473
129-00-0	Pyrene	0.53	U	1	0.53	5.30	ug/L	11/11/25 18:14	PB170473
85-68-7	Butylbenzylphthalate	2.10	U	1	2.10	5.30	ug/L	11/11/25 18:14	PB170473
91-94-1	3,3-Dichlorobenzidine	0.99	UQ	1	0.99	10.6	ug/L	11/11/25 18:14	PB170473
56-55-3	Benzo(a)anthracene	0.48	U	1	0.48	5.30	ug/L	11/11/25 18:14	PB170473
218-01-9	Chrysene	0.47	U	1	0.47	5.30	ug/L	11/11/25 18:14	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	3.10	J	1	1.70	5.30	ug/L	11/11/25 18:14	PB170473
117-84-0	Di-n-octyl phthalate	2.50	U	1	2.50	10.6	ug/L	11/11/25 18:14	PB170473
205-99-2	Benzo(b)fluoranthene	0.52	U	1	0.52	5.30	ug/L	11/11/25 18:14	PB170473
207-08-9	Benzo(k)fluoranthene	0.51	U	1	0.51	5.30	ug/L	11/11/25 18:14	PB170473
50-32-8	Benzo(a)pyrene	0.59	U	1	0.59	5.30	ug/L	11/11/25 18:14	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.63	U	1	0.63	5.30	ug/L	11/11/25 18:14	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.71	U	1	0.71	5.30	ug/L	11/11/25 18:14	PB170473
191-24-2	Benzo(g,h,i)perylene	0.73	U	1	0.73	5.30	ug/L	11/11/25 18:14	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.55	U	1	0.55	5.30	ug/L	11/11/25 18:14	PB170473
123-91-1	1,4-Dioxane	32.1		1	1.10	5.30	ug/L	11/11/25 18:14	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.77	U	1	0.77	5.30	ug/L	11/11/25 18:14	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	78.3			15 (10) - 110 (134)	52%	SPK: 150		
13127-88-3	Phenol-d6	52.9			15 (10) - 110 (135)	35%	SPK: 150		
4165-60-0	Nitrobenzene-d5	94.9			30 (39) - 130 (138)	95%	SPK: 100		
321-60-8	2-Fluorobiphenyl	82.5			30 (52) - 130 (132)	82%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	182	*		15 (44) - 110 (137)	122%	SPK: 150		
1718-51-0	Terphenyl-d14	80.4			30 (42) - 130 (152)	80%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	269000							
1146-65-2	Naphthalene-d8	1070000							
15067-26-2	Acenaphthene-d10	698000							
1517-22-2	Phenanthrene-d10	1530000							
1719-03-5	Chrysene-d12	1830000							
1520-96-3	Perylene-d12	2040000							
TENTATIVE IDENTIFIED COMPOUNDS									
004829-04-3	1,3-Dithiolane	6.30	J			7.22	ug/L		
000121-69-7	Benzenamine, N,N-dimethyl-	2.60	J			8.87	ug/L		

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Lab Sample ID:	Q3569-01			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	940 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
000539-80-0	2,4,6-Cycloheptatrien-1-one	3.00	J			9.87	ug/L		
000465-31-6	Bicyclo[2.2.1]heptan-2-ol, 2,3,3-t	2.60	J			10.0	ug/L		
000126-86-3	2,4,7,9-Tetramethyl-5-decyn-4,7-di	2.70	J			13.2	ug/L		
000090-26-6	Benzeneacetamide, .alpha.-ethyl-	2.30	J			14.2	ug/L		
000119-61-9	Benzophenone	10.9	J			15.7	ug/L		
000934-34-9	2(3H)-Benzothiazolone	28.7	J			16.0	ug/L		
000057-10-3	n-Hexadecanoic acid	11.3	J			18.1	ug/L		
000057-11-4	Octadecanoic acid	2.50	J			19.4	ug/L		
016980-85-1	Pentacos-1-ene	2.40	J			21.3	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