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:	11/07/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SEEP-1	SDG No.:	Q3584
Lab Sample ID:	Q3584-07	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	990 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	3.90	U	1	3.90	10.1	ug/L	11/11/25 20:59	PB170473
108-95-2	Phenol	5.20		1	0.92	5.10	ug/L	11/11/25 20:59	PB170473
111-44-4	bis(2-Chloroethyl)ether	0.82	U	1	0.82	5.10	ug/L	11/11/25 20:59	PB170473
95-57-8	2-Chlorophenol	0.59	U	1	0.59	5.10	ug/L	11/11/25 20:59	PB170473
95-48-7	2-Methylphenol	1.10	U	1	1.10	5.10	ug/L	11/11/25 20:59	PB170473
108-60-1	2,2-oxybis(1-Chloropropane)	1.30	U	1	1.30	5.10	ug/L	11/11/25 20:59	PB170473
98-86-2	Acetophenone	0.75	U	1	0.75	5.10	ug/L	11/11/25 20:59	PB170473
65794-96-9	3+4-Methylphenols	23.4		1	1.10	10.1	ug/L	11/11/25 20:59	PB170473
621-64-7	n-Nitroso-di-n-propylamine	1.40	U	1	1.40	2.50	ug/L	11/11/25 20:59	PB170473
67-72-1	Hexachloroethane	0.66	U	1	0.66	5.10	ug/L	11/11/25 20:59	PB170473
98-95-3	Nitrobenzene	0.77	U	1	0.77	5.10	ug/L	11/11/25 20:59	PB170473
78-59-1	Isophorone	0.76	U	1	0.76	5.10	ug/L	11/11/25 20:59	PB170473
88-75-5	2-Nitrophenol	1.80	U	1	1.80	5.10	ug/L	11/11/25 20:59	PB170473
105-67-9	2,4-Dimethylphenol	1.90	U	1	1.90	5.10	ug/L	11/11/25 20:59	PB170473
111-91-1	bis(2-Chloroethoxy)methane	0.69	U	1	0.69	5.10	ug/L	11/11/25 20:59	PB170473
120-83-2	2,4-Dichlorophenol	0.53	U	1	0.53	5.10	ug/L	11/11/25 20:59	PB170473
91-20-3	Naphthalene	0.51	U	1	0.51	5.10	ug/L	11/11/25 20:59	PB170473
106-47-8	4-Chloroaniline	0.85	UQ	1	0.85	5.10	ug/L	11/11/25 20:59	PB170473
87-68-3	Hexachlorobutadiene	0.55	U	1	0.55	5.10	ug/L	11/11/25 20:59	PB170473
105-60-2	Caprolactam	1.10	U	1	1.10	10.1	ug/L	11/11/25 20:59	PB170473
59-50-7	4-Chloro-3-methylphenol	0.60	U	1	0.60	5.10	ug/L	11/11/25 20:59	PB170473
91-57-6	2-Methylnaphthalene	0.57	U	1	0.57	5.10	ug/L	11/11/25 20:59	PB170473
77-47-4	Hexachlorocyclopentadiene	3.70	U	1	3.70	10.1	ug/L	11/11/25 20:59	PB170473
88-06-2	2,4,6-Trichlorophenol	0.52	U	1	0.52	5.10	ug/L	11/11/25 20:59	PB170473
95-95-4	2,4,5-Trichlorophenol	0.63	U	1	0.63	5.10	ug/L	11/11/25 20:59	PB170473
92-52-4	1,1-Biphenyl	0.54	U	1	0.54	5.10	ug/L	11/11/25 20:59	PB170473
91-58-7	2-Chloronaphthalene	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
88-74-4	2-Nitroaniline	1.30	U	1	1.30	5.10	ug/L	11/11/25 20:59	PB170473
131-11-3	Dimethylphthalate	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
208-96-8	Acenaphthylene	0.76	U	1	0.76	5.10	ug/L	11/11/25 20:59	PB170473
606-20-2	2,6-Dinitrotoluene	0.93	U	1	0.93	5.10	ug/L	11/11/25 20:59	PB170473
99-09-2	3-Nitroaniline	1.10	UQ	1	1.10	5.10	ug/L	11/11/25 20:59	PB170473
83-32-9	Acenaphthene	0.56	U	1	0.56	5.10	ug/L	11/11/25 20:59	PB170473
51-28-5	2,4-Dinitrophenol	6.00	U	1	6.00	10.1	ug/L	11/11/25 20:59	PB170473
100-02-7	4-Nitrophenol	2.40	U	1	2.40	10.1	ug/L	11/11/25 20:59	PB170473
132-64-9	Dibenzofuran	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
121-14-2	2,4-Dinitrotoluene	1.20	U	1	1.20	5.10	ug/L	11/11/25 20:59	PB170473
84-66-2	Diethylphthalate	0.70	U	1	0.70	5.10	ug/L	11/11/25 20:59	PB170473
7005-72-3	4-Chlorophenyl-phenylether	0.69	U	1	0.69	5.10	ug/L	11/11/25 20:59	PB170473
86-73-7	Fluorene	0.64	U	1	0.64	5.10	ug/L	11/11/25 20:59	PB170473
100-01-6	4-Nitroaniline	1.50	U	1	1.50	5.10	ug/L	11/11/25 20:59	PB170473
534-52-1	4,6-Dinitro-2-methylphenol	2.90	U	1	2.90	10.1	ug/L	11/11/25 20:59	PB170473

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Project:	Edison Landfill	Date Received:	11/07/25
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Lab Sample ID:	Q3584-07	Matrix:	Water
Analytical Method:	8270E Level: LOW	% Solid:	0
Sample Wt/Vol:	990 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	0.59	U	1	0.59	5.10	ug/L	11/11/25 20:59	PB170473
101-55-3	4-Bromophenyl-phenylether	0.40	U	1	0.40	5.10	ug/L	11/11/25 20:59	PB170473
118-74-1	Hexachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/11/25 20:59	PB170473
1912-24-9	Atrazine	1.00	U	1	1.00	5.10	ug/L	11/11/25 20:59	PB170473
87-86-5	Pentachlorophenol	1.60	U	1	1.60	10.1	ug/L	11/11/25 20:59	PB170473
85-01-8	Phenanthrene	0.51	U	1	0.51	5.10	ug/L	11/11/25 20:59	PB170473
120-12-7	Anthracene	0.62	U	1	0.62	5.10	ug/L	11/11/25 20:59	PB170473
86-74-8	Carbazole	0.73	U	1	0.73	5.10	ug/L	11/11/25 20:59	PB170473
84-74-2	Di-n-butylphthalate	1.20	U	1	1.20	5.10	ug/L	11/11/25 20:59	PB170473
206-44-0	Fluoranthene	0.83	U	1	0.83	5.10	ug/L	11/11/25 20:59	PB170473
129-00-0	Pyrene	0.51	U	1	0.51	5.10	ug/L	11/11/25 20:59	PB170473
85-68-7	Butylbenzylphthalate	1.90	U	1	1.90	5.10	ug/L	11/11/25 20:59	PB170473
91-94-1	3,3-Dichlorobenzidine	0.94	UQ	1	0.94	10.1	ug/L	11/11/25 20:59	PB170473
56-55-3	Benzo(a)anthracene	0.45	U	1	0.45	5.10	ug/L	11/11/25 20:59	PB170473
218-01-9	Chrysene	0.44	U	1	0.44	5.10	ug/L	11/11/25 20:59	PB170473
117-81-7	Bis(2-ethylhexyl)phthalate	3.00	J	1	1.60	5.10	ug/L	11/11/25 20:59	PB170473
117-84-0	Di-n-octyl phthalate	2.40	U	1	2.40	10.1	ug/L	11/11/25 20:59	PB170473
205-99-2	Benzo(b)fluoranthene	0.49	U	1	0.49	5.10	ug/L	11/11/25 20:59	PB170473
207-08-9	Benzo(k)fluoranthene	0.48	U	1	0.48	5.10	ug/L	11/11/25 20:59	PB170473
50-32-8	Benzo(a)pyrene	0.56	U	1	0.56	5.10	ug/L	11/11/25 20:59	PB170473
193-39-5	Indeno(1,2,3-cd)pyrene	0.60	U	1	0.60	5.10	ug/L	11/11/25 20:59	PB170473
53-70-3	Dibenzo(a,h)anthracene	0.68	U	1	0.68	5.10	ug/L	11/11/25 20:59	PB170473
191-24-2	Benzo(g,h,i)perylene	0.70	U	1	0.70	5.10	ug/L	11/11/25 20:59	PB170473
95-94-3	1,2,4,5-Tetrachlorobenzene	0.53	U	1	0.53	5.10	ug/L	11/11/25 20:59	PB170473
123-91-1	1,4-Dioxane	12.2		1	1.00	5.10	ug/L	11/11/25 20:59	PB170473
58-90-2	2,3,4,6-Tetrachlorophenol	0.73	U	1	0.73	5.10	ug/L	11/11/25 20:59	PB170473
SURROGATES									
367-12-4	2-Fluorophenol	67.7			15 (10) - 110 (134)	45%	SPK: 150		
13127-88-3	Phenol-d6	47.4			15 (10) - 110 (135)	32%	SPK: 150		
4165-60-0	Nitrobenzene-d5	77.8			30 (39) - 130 (138)	78%	SPK: 100		
321-60-8	2-Fluorobiphenyl	64.9			30 (52) - 130 (132)	65%	SPK: 100		
118-79-6	2,4,6-Tribromophenol	137			15 (44) - 110 (137)	91%	SPK: 150		
1718-51-0	Terphenyl-d14	63.9			30 (42) - 130 (152)	64%	SPK: 100		
INTERNAL STANDARDS		**Area Count**							
3855-82-1	1,4-Dichlorobenzene-d4	323000							
1146-65-2	Naphthalene-d8	1320000							
15067-26-2	Acenaphthene-d10	849000							
1517-22-2	Phenanthrene-d10	1770000							
1719-03-5	Chrysene-d12	1960000							
1520-96-3	Perylene-d12	2190000							
TENTATIVE IDENTIFIED COMPOUNDS									
62-53-3	Aniline	4.20	J			7.01	ug/L		
000111-14-8	Heptanoic acid	15.2	J			8.28	ug/L		

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Lab Sample ID:	Q3584-07			Matrix:	Water
Analytical Method:	8270E	Level:	LOW	% Solid:	0
Sample Wt/Vol:	990 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
65-85-0	Benzoic acid	13.8	J			9.71	ug/L		
000620-17-7	Phenol, 3-ethyl-	10.9	J			9.89	ug/L		
000103-82-2	Benzeneacetic acid	9.00	J			11.0	ug/L		
000501-52-0	Hydrocinnamic acid	17.3	J			12.3	ug/L		
000134-62-3	Diethyltoluamide	15.9	J			15.1	ug/L		
015687-27-1	Ibuprofen	33.9	J			15.4	ug/L		
000119-61-9	Benzophenone	9.20	J			15.7	ug/L		
003622-84-2	Benzenesulfonamide, N-butyl-	8.70	J			16.9	ug/L		
001421-49-4	Benzoic acid, 3,5-bis(1,1-dimethyl	14.0	J			17.6	ug/L		
000057-10-3	n-Hexadecanoic acid	13.6	J			18.1	ug/L		
020170-32-5	3,5-di-tert-Butyl-4-hydroxyphenylp	14.2	J			18.3	ug/L		
003234-85-3	Myristyl myristate	29.6	J			24.8	ug/L		
002599-01-1	Tetradecanoic acid, hexadecyl este	48.4	J			27.3	ug/L		
1000406-04-8	Pentadecafluorooctanoic acid, octa	23.3	J			29.0	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