

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/06/25
Project:	Edison Landfill		Date Received:	11/07/25
Client Sample ID:	SED-2		SDG No.:	Q3586
Lab Sample ID:	Q3586-02		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	41.4
Sample Wt/Vol:	30.06 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
100-52-7	Benzaldehyde	380	U	1	380	800	ug/Kg	11/11/25 20:18	PB170478
108-95-2	Phenol	53.3	U	1	53.3	410	ug/Kg	11/11/25 20:18	PB170478
111-44-4	bis(2-Chloroethyl)ether	58.6	U	1	58.6	410	ug/Kg	11/11/25 20:18	PB170478
95-57-8	2-Chlorophenol	58.8	U	1	58.8	410	ug/Kg	11/11/25 20:18	PB170478
95-48-7	2-Methylphenol	72.1	U	1	72.1	410	ug/Kg	11/11/25 20:18	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	90.4	U	1	90.4	410	ug/Kg	11/11/25 20:18	PB170478
98-86-2	Acetophenone	71.1	U	1	71.1	410	ug/Kg	11/11/25 20:18	PB170478
65794-96-9	3+4-Methylphenols	99.1	U	1	99.1	800	ug/Kg	11/11/25 20:18	PB170478
621-64-7	n-Nitroso-di-n-propylamine	110	U	1	110	190	ug/Kg	11/11/25 20:18	PB170478
67-72-1	Hexachloroethane	42.4	U	1	42.4	410	ug/Kg	11/11/25 20:18	PB170478
98-95-3	Nitrobenzene	44.1	U	1	44.1	410	ug/Kg	11/11/25 20:18	PB170478
78-59-1	Isophorone	79.1	U	1	79.1	410	ug/Kg	11/11/25 20:18	PB170478
88-75-5	2-Nitrophenol	140	U	1	140	410	ug/Kg	11/11/25 20:18	PB170478
105-67-9	2,4-Dimethylphenol	160	U	1	160	410	ug/Kg	11/11/25 20:18	PB170478
111-91-1	bis(2-Chloroethoxy)methane	74.2	U	1	74.2	410	ug/Kg	11/11/25 20:18	PB170478
120-83-2	2,4-Dichlorophenol	68.2	U	1	68.2	410	ug/Kg	11/11/25 20:18	PB170478
91-20-3	Naphthalene	54.7	U	1	54.7	410	ug/Kg	11/11/25 20:18	PB170478
106-47-8	4-Chloroaniline	85.3	UQ	1	85.3	410	ug/Kg	11/11/25 20:18	PB170478
87-68-3	Hexachlorobutadiene	61.0	U	1	61.0	410	ug/Kg	11/11/25 20:18	PB170478
105-60-2	Caprolactam	130	U	1	130	800	ug/Kg	11/11/25 20:18	PB170478
59-50-7	4-Chloro-3-methylphenol	69.2	U	1	69.2	410	ug/Kg	11/11/25 20:18	PB170478
91-57-6	2-Methylnaphthalene	61.7	U	1	61.7	410	ug/Kg	11/11/25 20:18	PB170478
77-47-4	Hexachlorocyclopentadiene	280	U	1	280	800	ug/Kg	11/11/25 20:18	PB170478
88-06-2	2,4,6-Trichlorophenol	47.7	U	1	47.7	410	ug/Kg	11/11/25 20:18	PB170478
95-95-4	2,4,5-Trichlorophenol	70.1	U	1	70.1	410	ug/Kg	11/11/25 20:18	PB170478
92-52-4	1,1-Biphenyl	52.6	U	1	52.6	410	ug/Kg	11/11/25 20:18	PB170478
91-58-7	2-Chloronaphthalene	54.2	U	1	54.2	410	ug/Kg	11/11/25 20:18	PB170478
88-74-4	2-Nitroaniline	120	U	1	120	410	ug/Kg	11/11/25 20:18	PB170478
131-11-3	Dimethylphthalate	65.3	U	1	65.3	410	ug/Kg	11/11/25 20:18	PB170478
208-96-8	Acenaphthylene	69.7	U	1	69.7	410	ug/Kg	11/11/25 20:18	PB170478
606-20-2	2,6-Dinitrotoluene	81.0	U	1	81.0	410	ug/Kg	11/11/25 20:18	PB170478
99-09-2	3-Nitroaniline	110	UQ	1	110	410	ug/Kg	11/11/25 20:18	PB170478
83-32-9	Acenaphthene	51.3	U	1	51.3	410	ug/Kg	11/11/25 20:18	PB170478
51-28-5	2,4-Dinitrophenol	550	U	1	550	800	ug/Kg	11/11/25 20:18	PB170478
100-02-7	4-Nitrophenol	260	U	1	260	800	ug/Kg	11/11/25 20:18	PB170478
132-64-9	Dibenzofuran	54.7	U	1	54.7	410	ug/Kg	11/11/25 20:18	PB170478
121-14-2	2,4-Dinitrotoluene	120	U	1	120	410	ug/Kg	11/11/25 20:18	PB170478
84-66-2	Diethylphthalate	68.2	U	1	68.2	410	ug/Kg	11/11/25 20:18	PB170478
7005-72-3	4-Chlorophenyl-phenylether	64.4	U	1	64.4	410	ug/Kg	11/11/25 20:18	PB170478
86-73-7	Fluorene	61.0	U	1	61.0	410	ug/Kg	11/11/25 20:18	PB170478
100-01-6	4-Nitroaniline	150	U	1	150	410	ug/Kg	11/11/25 20:18	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	250	U	1	250	800	ug/Kg	11/11/25 20:18	PB170478

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Lab Sample ID:	Q3586-02		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	41.4
Sample Wt/Vol:	30.06 g	Final Vol: 1000 uL	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541	Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
86-30-6	n-Nitrosodiphenylamine	79.3	U	1	79.3	410	ug/Kg	11/11/25 20:18	PB170478
101-55-3	4-Bromophenyl-phenylether	67.0	U	1	67.0	410	ug/Kg	11/11/25 20:18	PB170478
118-74-1	Hexachlorobenzene	61.0	U	1	61.0	410	ug/Kg	11/11/25 20:18	PB170478
1912-24-9	Atrazine	82.0	U	1	82.0	410	ug/Kg	11/11/25 20:18	PB170478
87-86-5	Pentachlorophenol	120	U	1	120	800	ug/Kg	11/11/25 20:18	PB170478
85-01-8	Phenanthrene	50.4	U	1	50.4	410	ug/Kg	11/11/25 20:18	PB170478
120-12-7	Anthracene	80.3	U	1	80.3	410	ug/Kg	11/11/25 20:18	PB170478
86-74-8	Carbazole	75.2	U	1	75.2	410	ug/Kg	11/11/25 20:18	PB170478
84-74-2	Di-n-butylphthalate	120	U	1	120	410	ug/Kg	11/11/25 20:18	PB170478
206-44-0	Fluoranthene	72.3	U	1	72.3	410	ug/Kg	11/11/25 20:18	PB170478
129-00-0	Pyrene	86.8	U	1	86.8	410	ug/Kg	11/11/25 20:18	PB170478
85-68-7	Butylbenzylphthalate	170	U	1	170	410	ug/Kg	11/11/25 20:18	PB170478
91-94-1	3,3-Dichlorobenzidine	88.5	U	1	88.5	800	ug/Kg	11/11/25 20:18	PB170478
56-55-3	Benzo(a)anthracene	55.4	U	1	55.4	410	ug/Kg	11/11/25 20:18	PB170478
218-01-9	Chrysene	48.0	U	1	48.0	410	ug/Kg	11/11/25 20:18	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	270	J	1	140	410	ug/Kg	11/11/25 20:18	PB170478
117-84-0	Di-n-octyl phthalate	210	U	1	210	800	ug/Kg	11/11/25 20:18	PB170478
205-99-2	Benzo(b)fluoranthene	45.8	U	1	45.8	410	ug/Kg	11/11/25 20:18	PB170478
207-08-9	Benzo(k)fluoranthene	54.0	U	1	54.0	410	ug/Kg	11/11/25 20:18	PB170478
50-32-8	Benzo(a)pyrene	71.1	U	1	71.1	410	ug/Kg	11/11/25 20:18	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	70.1	U	1	70.1	410	ug/Kg	11/11/25 20:18	PB170478
53-70-3	Dibenzo(a,h)anthracene	66.1	U	1	66.1	410	ug/Kg	11/11/25 20:18	PB170478
191-24-2	Benzo(g,h,i)perylene	62.0	U	1	62.0	410	ug/Kg	11/11/25 20:18	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	61.7	U	1	61.7	410	ug/Kg	11/11/25 20:18	PB170478
123-91-1	1,4-Dioxane	110	U	1	110	410	ug/Kg	11/11/25 20:18	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	66.1	U	1	66.1	410	ug/Kg	11/11/25 20:18	PB170478

SURROGATES

367-12-4	2-Fluorophenol	137		30 (10) - 130 (105)	91%	SPK: 150
13127-88-3	Phenol-d6	135		30 (10) - 130 (103)	90%	SPK: 150
4165-60-0	Nitrobenzene-d5	91.4		30 (10) - 130 (108)	91%	SPK: 100
321-60-8	2-Fluorobiphenyl	79.1		30 (10) - 130 (108)	79%	SPK: 100
118-79-6	2,4,6-Tribromophenol	166		30 (10) - 130 (116)	111%	SPK: 150
1718-51-0	Terphenyl-d14	75.5		30 (10) - 130 (109)	75%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	250000
1146-65-2	Naphthalene-d8	984000
15067-26-2	Acenaphthene-d10	623000
1517-22-2	Phenanthrene-d10	1350000
1719-03-5	Chrysene-d12	1640000
1520-96-3	Perylene-d12	1940000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	910	J	15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	490	J	18.1	ug/Kg

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Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/11/25		

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018835-32-0	1-Tricosene	270	J			21.3	ug/Kg		
000593-45-3	Octadecane	200	J			22.5	ug/Kg		
000629-97-0	Docosane	240	J			23.3	ug/Kg		
000638-68-6	Triacontane	460	J			25.2	ug/Kg		
013475-76-8	Docosane, 11-butyl-	1200	J			29.6	ug/Kg		
000646-31-1	Tetracosane	240	J			31.7	ug/Kg		

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