

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/06/25
Project:	Edison Landfill		Date Received:	11/07/25
Client Sample ID:	SED-1		SDG No.:	Q3586
Lab Sample ID:	Q3586-01		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	62.9
Sample Wt/Vol:	30.01 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	250	U	1	250	520	ug/Kg	11/11/25 14:09	PB170478
108-95-2	Phenol	35.1	U	1	35.1	270	ug/Kg	11/11/25 14:09	PB170478
111-44-4	bis(2-Chloroethyl)ether	38.6	U	1	38.6	270	ug/Kg	11/11/25 14:09	PB170478
95-57-8	2-Chlorophenol	38.8	U	1	38.8	270	ug/Kg	11/11/25 14:09	PB170478
95-48-7	2-Methylphenol	47.5	U	1	47.5	270	ug/Kg	11/11/25 14:09	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	59.6	U	1	59.6	270	ug/Kg	11/11/25 14:09	PB170478
98-86-2	Acetophenone	46.9	U	1	46.9	270	ug/Kg	11/11/25 14:09	PB170478
65794-96-9	3+4-Methylphenols	65.3	U	1	65.3	520	ug/Kg	11/11/25 14:09	PB170478
621-64-7	n-Nitroso-di-n-propylamine	75.3	U	1	75.3	130	ug/Kg	11/11/25 14:09	PB170478
67-72-1	Hexachloroethane	28.0	U	1	28.0	270	ug/Kg	11/11/25 14:09	PB170478
98-95-3	Nitrobenzene	29.1	U	1	29.1	270	ug/Kg	11/11/25 14:09	PB170478
78-59-1	Isophorone	52.1	U	1	52.1	270	ug/Kg	11/11/25 14:09	PB170478
88-75-5	2-Nitrophenol	92.5	U	1	92.5	270	ug/Kg	11/11/25 14:09	PB170478
105-67-9	2,4-Dimethylphenol	100	U	1	100	270	ug/Kg	11/11/25 14:09	PB170478
111-91-1	bis(2-Chloroethoxy)methane	49.0	U	1	49.0	270	ug/Kg	11/11/25 14:09	PB170478
120-83-2	2,4-Dichlorophenol	45.0	U	1	45.0	270	ug/Kg	11/11/25 14:09	PB170478
91-20-3	Naphthalene	36.1	U	1	36.1	270	ug/Kg	11/11/25 14:09	PB170478
106-47-8	4-Chloroaniline	56.3	UQ	1	56.3	270	ug/Kg	11/11/25 14:09	PB170478
87-68-3	Hexachlorobutadiene	40.2	U	1	40.2	270	ug/Kg	11/11/25 14:09	PB170478
105-60-2	Caprolactam	82.8	U	1	82.8	520	ug/Kg	11/11/25 14:09	PB170478
59-50-7	4-Chloro-3-methylphenol	45.6	U	1	45.6	270	ug/Kg	11/11/25 14:09	PB170478
91-57-6	2-Methylnaphthalene	40.7	U	1	40.7	270	ug/Kg	11/11/25 14:09	PB170478
77-47-4	Hexachlorocyclopentadiene	180	U	1	180	520	ug/Kg	11/11/25 14:09	PB170478
88-06-2	2,4,6-Trichlorophenol	31.5	U	1	31.5	270	ug/Kg	11/11/25 14:09	PB170478
95-95-4	2,4,5-Trichlorophenol	46.2	U	1	46.2	270	ug/Kg	11/11/25 14:09	PB170478
92-52-4	1,1-Biphenyl	34.6	U	1	34.6	270	ug/Kg	11/11/25 14:09	PB170478
91-58-7	2-Chloronaphthalene	35.8	U	1	35.8	270	ug/Kg	11/11/25 14:09	PB170478
88-74-4	2-Nitroaniline	76.4	U	1	76.4	270	ug/Kg	11/11/25 14:09	PB170478
131-11-3	Dimethylphthalate	43.1	U	1	43.1	270	ug/Kg	11/11/25 14:09	PB170478
208-96-8	Acenaphthylene	45.9	U	1	45.9	270	ug/Kg	11/11/25 14:09	PB170478
606-20-2	2,6-Dinitrotoluene	53.4	U	1	53.4	270	ug/Kg	11/11/25 14:09	PB170478
99-09-2	3-Nitroaniline	73.1	UQ	1	73.1	270	ug/Kg	11/11/25 14:09	PB170478
83-32-9	Acenaphthene	33.9	U	1	33.9	270	ug/Kg	11/11/25 14:09	PB170478
51-28-5	2,4-Dinitrophenol	360	U	1	360	520	ug/Kg	11/11/25 14:09	PB170478
100-02-7	4-Nitrophenol	170	U	1	170	520	ug/Kg	11/11/25 14:09	PB170478
132-64-9	Dibenzofuran	36.1	U	1	36.1	270	ug/Kg	11/11/25 14:09	PB170478
121-14-2	2,4-Dinitrotoluene	79.6	U	1	79.6	270	ug/Kg	11/11/25 14:09	PB170478
84-66-2	Diethylphthalate	45.0	U	1	45.0	270	ug/Kg	11/11/25 14:09	PB170478
7005-72-3	4-Chlorophenyl-phenylether	42.4	U	1	42.4	270	ug/Kg	11/11/25 14:09	PB170478
86-73-7	Fluorene	40.2	U	1	40.2	270	ug/Kg	11/11/25 14:09	PB170478
100-01-6	4-Nitroaniline	100	U	1	100	270	ug/Kg	11/11/25 14:09	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	160	U	1	160	520	ug/Kg	11/11/25 14:09	PB170478

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/06/25
Project:	Edison Landfill		Date Received:	11/07/25
Client Sample ID:	SED-1		SDG No.:	Q3586
Lab Sample ID:	Q3586-01		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	62.9
Sample Wt/Vol:	30.01 g	Final Vol:	1000 uL	Test:
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	52.3	U	1	52.3	270	ug/Kg	11/11/25 14:09	PB170478
101-55-3	4-Bromophenyl-phenylether	44.2	U	1	44.2	270	ug/Kg	11/11/25 14:09	PB170478
118-74-1	Hexachlorobenzene	40.2	U	1	40.2	270	ug/Kg	11/11/25 14:09	PB170478
1912-24-9	Atrazine	54.0	U	1	54.0	270	ug/Kg	11/11/25 14:09	PB170478
87-86-5	Pentachlorophenol	81.5	U	1	81.5	520	ug/Kg	11/11/25 14:09	PB170478
85-01-8	Phenanthrene	33.2	U	1	33.2	270	ug/Kg	11/11/25 14:09	PB170478
120-12-7	Anthracene	52.9	U	1	52.9	270	ug/Kg	11/11/25 14:09	PB170478
86-74-8	Carbazole	49.6	U	1	49.6	270	ug/Kg	11/11/25 14:09	PB170478
84-74-2	Di-n-butylphthalate	76.1	U	1	76.1	270	ug/Kg	11/11/25 14:09	PB170478
206-44-0	Fluoranthene	47.7	U	1	47.7	270	ug/Kg	11/11/25 14:09	PB170478
129-00-0	Pyrene	57.2	U	1	57.2	270	ug/Kg	11/11/25 14:09	PB170478
85-68-7	Butylbenzylphthalate	110	U	1	110	270	ug/Kg	11/11/25 14:09	PB170478
91-94-1	3,3-Dichlorobenzidine	58.3	U	1	58.3	520	ug/Kg	11/11/25 14:09	PB170478
56-55-3	Benzo(a)anthracene	36.6	U	1	36.6	270	ug/Kg	11/11/25 14:09	PB170478
218-01-9	Chrysene	31.6	U	1	31.6	270	ug/Kg	11/11/25 14:09	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	94.1	U	1	94.1	270	ug/Kg	11/11/25 14:09	PB170478
117-84-0	Di-n-octyl phthalate	140	U	1	140	520	ug/Kg	11/11/25 14:09	PB170478
205-99-2	Benzo(b)fluoranthene	30.2	U	1	30.2	270	ug/Kg	11/11/25 14:09	PB170478
207-08-9	Benzo(k)fluoranthene	35.6	U	1	35.6	270	ug/Kg	11/11/25 14:09	PB170478
50-32-8	Benzo(a)pyrene	46.9	U	1	46.9	270	ug/Kg	11/11/25 14:09	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	46.2	U	1	46.2	270	ug/Kg	11/11/25 14:09	PB170478
53-70-3	Dibenzo(a,h)anthracene	43.5	U	1	43.5	270	ug/Kg	11/11/25 14:09	PB170478
191-24-2	Benzo(g,h,i)perylene	40.8	U	1	40.8	270	ug/Kg	11/11/25 14:09	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	40.7	U	1	40.7	270	ug/Kg	11/11/25 14:09	PB170478
123-91-1	1,4-Dioxane	71.8	U	1	71.8	270	ug/Kg	11/11/25 14:09	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	43.5	U	1	43.5	270	ug/Kg	11/11/25 14:09	PB170478

SURROGATES

367-12-4	2-Fluorophenol	118		30 (10) - 130 (105)	78%	SPK: 150
13127-88-3	Phenol-d6	120		30 (10) - 130 (103)	80%	SPK: 150
4165-60-0	Nitrobenzene-d5	86.3		30 (10) - 130 (108)	86%	SPK: 100
321-60-8	2-Fluorobiphenyl	84.3		30 (10) - 130 (108)	84%	SPK: 100
118-79-6	2,4,6-Tribromophenol	126		30 (10) - 130 (116)	84%	SPK: 150
1718-51-0	Terphenyl-d14	70.3		30 (10) - 130 (109)	70%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	66900
1146-65-2	Naphthalene-d8	249000
15067-26-2	Acenaphthene-d10	133000
1517-22-2	Phenanthrene-d10	221000
1719-03-5	Chrysene-d12	168000
1520-96-3	Perylene-d12	214000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	340	J	10.6	ug/Kg
000057-10-3	n-Hexadecanoic acid	360	J	11.9	ug/Kg

Report of Analysis

Client:	Remington & Vernick Engineers	Date Collected:	11/06/25
Project:	Edison Landfill	Date Received:	11/07/25
Client Sample ID:	SED-1	SDG No.:	Q3586
Lab Sample ID:	Q3586-01	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	62.9
	Level: LOW	Test:	SVOC-TCL BNA -20
Sample Wt/Vol:	30.01 g		
	Final Vol: 1000 uL		
Prep Method :	SW3541		
	Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
1000406-40-9	Butyl tetracosyl ether	250	J			13.9	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