

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/06/25
Project:	Edison Landfill		Date Received:	11/07/25
Client Sample ID:	SED-3		SDG No.:	Q3586
Lab Sample ID:	Q3586-03		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	50.9
Sample Wt/Vol:	30.03 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
TARGETS									
100-52-7	Benzaldehyde	310	U	1	310	650	ug/Kg	11/11/25 16:11	PB170478
108-95-2	Phenol	43.4	U	1	43.4	330	ug/Kg	11/11/25 16:11	PB170478
111-44-4	bis(2-Chloroethyl)ether	47.7	U	1	47.7	330	ug/Kg	11/11/25 16:11	PB170478
95-57-8	2-Chlorophenol	47.9	U	1	47.9	330	ug/Kg	11/11/25 16:11	PB170478
95-48-7	2-Methylphenol	58.7	U	1	58.7	330	ug/Kg	11/11/25 16:11	PB170478
108-60-1	2,2-oxybis(1-Chloropropane)	73.6	U	1	73.6	330	ug/Kg	11/11/25 16:11	PB170478
98-86-2	Acetophenone	57.9	U	1	57.9	330	ug/Kg	11/11/25 16:11	PB170478
65794-96-9	3+4-Methylphenols	80.7	U	1	80.7	650	ug/Kg	11/11/25 16:11	PB170478
621-64-7	n-Nitroso-di-n-propylamine	93.0	U	1	93.0	160	ug/Kg	11/11/25 16:11	PB170478
67-72-1	Hexachloroethane	34.5	U	1	34.5	330	ug/Kg	11/11/25 16:11	PB170478
98-95-3	Nitrobenzene	35.9	U	1	35.9	330	ug/Kg	11/11/25 16:11	PB170478
78-59-1	Isophorone	64.4	U	1	64.4	330	ug/Kg	11/11/25 16:11	PB170478
88-75-5	2-Nitrophenol	110	U	1	110	330	ug/Kg	11/11/25 16:11	PB170478
105-67-9	2,4-Dimethylphenol	130	U	1	130	330	ug/Kg	11/11/25 16:11	PB170478
111-91-1	bis(2-Chloroethoxy)methane	60.5	U	1	60.5	330	ug/Kg	11/11/25 16:11	PB170478
120-83-2	2,4-Dichlorophenol	55.5	U	1	55.5	330	ug/Kg	11/11/25 16:11	PB170478
91-20-3	Naphthalene	44.6	U	1	44.6	330	ug/Kg	11/11/25 16:11	PB170478
106-47-8	4-Chloroaniline	69.5	UQ	1	69.5	330	ug/Kg	11/11/25 16:11	PB170478
87-68-3	Hexachlorobutadiene	49.7	U	1	49.7	330	ug/Kg	11/11/25 16:11	PB170478
105-60-2	Caprolactam	100	U	1	100	650	ug/Kg	11/11/25 16:11	PB170478
59-50-7	4-Chloro-3-methylphenol	56.3	U	1	56.3	330	ug/Kg	11/11/25 16:11	PB170478
91-57-6	2-Methylnaphthalene	50.2	U	1	50.2	330	ug/Kg	11/11/25 16:11	PB170478
77-47-4	Hexachlorocyclopentadiene	230	U	1	230	650	ug/Kg	11/11/25 16:11	PB170478
88-06-2	2,4,6-Trichlorophenol	38.9	U	1	38.9	330	ug/Kg	11/11/25 16:11	PB170478
95-95-4	2,4,5-Trichlorophenol	57.1	U	1	57.1	330	ug/Kg	11/11/25 16:11	PB170478
92-52-4	1,1-Biphenyl	42.8	U	1	42.8	330	ug/Kg	11/11/25 16:11	PB170478
91-58-7	2-Chloronaphthalene	44.2	U	1	44.2	330	ug/Kg	11/11/25 16:11	PB170478
88-74-4	2-Nitroaniline	94.4	U	1	94.4	330	ug/Kg	11/11/25 16:11	PB170478
131-11-3	Dimethylphthalate	53.2	U	1	53.2	330	ug/Kg	11/11/25 16:11	PB170478
208-96-8	Acenaphthylene	56.7	U	1	56.7	330	ug/Kg	11/11/25 16:11	PB170478
606-20-2	2,6-Dinitrotoluene	65.9	U	1	65.9	330	ug/Kg	11/11/25 16:11	PB170478
99-09-2	3-Nitroaniline	90.3	UQ	1	90.3	330	ug/Kg	11/11/25 16:11	PB170478
83-32-9	Acenaphthene	41.8	U	1	41.8	330	ug/Kg	11/11/25 16:11	PB170478
51-28-5	2,4-Dinitrophenol	450	U	1	450	650	ug/Kg	11/11/25 16:11	PB170478
100-02-7	4-Nitrophenol	210	U	1	210	650	ug/Kg	11/11/25 16:11	PB170478
132-64-9	Dibenzofuran	44.6	U	1	44.6	330	ug/Kg	11/11/25 16:11	PB170478
121-14-2	2,4-Dinitrotoluene	98.3	U	1	98.3	330	ug/Kg	11/11/25 16:11	PB170478
84-66-2	Diethylphthalate	55.5	U	1	55.5	330	ug/Kg	11/11/25 16:11	PB170478
7005-72-3	4-Chlorophenyl-phenylether	52.4	U	1	52.4	330	ug/Kg	11/11/25 16:11	PB170478
86-73-7	Fluorene	49.7	U	1	49.7	330	ug/Kg	11/11/25 16:11	PB170478
100-01-6	4-Nitroaniline	130	U	1	130	330	ug/Kg	11/11/25 16:11	PB170478
534-52-1	4,6-Dinitro-2-methylphenol	200	U	1	200	650	ug/Kg	11/11/25 16:11	PB170478

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Project:	Edison Landfill		Date Received:	11/07/25
Client Sample ID:	SED-3		SDG No.:	Q3586
Lab Sample ID:	Q3586-03		Matrix:	SOIL
Analytical Method:	8270E	Level: LOW	% Solid:	50.9
Sample Wt/Vol:	30.03 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	64.6	U	1	64.6	330	ug/Kg	11/11/25 16:11	PB170478
101-55-3	4-Bromophenyl-phenylether	54.6	U	1	54.6	330	ug/Kg	11/11/25 16:11	PB170478
118-74-1	Hexachlorobenzene	49.7	U	1	49.7	330	ug/Kg	11/11/25 16:11	PB170478
1912-24-9	Atrazine	66.7	U	1	66.7	330	ug/Kg	11/11/25 16:11	PB170478
87-86-5	Pentachlorophenol	100	U	1	100	650	ug/Kg	11/11/25 16:11	PB170478
85-01-8	Phenanthrene	41.0	U	1	41.0	330	ug/Kg	11/11/25 16:11	PB170478
120-12-7	Anthracene	65.4	U	1	65.4	330	ug/Kg	11/11/25 16:11	PB170478
86-74-8	Carbazole	61.2	U	1	61.2	330	ug/Kg	11/11/25 16:11	PB170478
84-74-2	Di-n-butylphthalate	94.0	U	1	94.0	330	ug/Kg	11/11/25 16:11	PB170478
206-44-0	Fluoranthene	58.9	U	1	58.9	330	ug/Kg	11/11/25 16:11	PB170478
129-00-0	Pyrene	70.7	U	1	70.7	330	ug/Kg	11/11/25 16:11	PB170478
85-68-7	Butylbenzylphthalate	140	U	1	140	330	ug/Kg	11/11/25 16:11	PB170478
91-94-1	3,3-Dichlorobenzidine	72.0	U	1	72.0	650	ug/Kg	11/11/25 16:11	PB170478
56-55-3	Benzo(a)anthracene	45.1	U	1	45.1	330	ug/Kg	11/11/25 16:11	PB170478
218-01-9	Chrysene	39.1	U	1	39.1	330	ug/Kg	11/11/25 16:11	PB170478
117-81-7	Bis(2-ethylhexyl)phthalate	200	J	1	120	330	ug/Kg	11/11/25 16:11	PB170478
117-84-0	Di-n-octyl phthalate	170	U	1	170	650	ug/Kg	11/11/25 16:11	PB170478
205-99-2	Benzo(b)fluoranthene	37.3	U	1	37.3	330	ug/Kg	11/11/25 16:11	PB170478
207-08-9	Benzo(k)fluoranthene	44.0	U	1	44.0	330	ug/Kg	11/11/25 16:11	PB170478
50-32-8	Benzo(a)pyrene	57.9	U	1	57.9	330	ug/Kg	11/11/25 16:11	PB170478
193-39-5	Indeno(1,2,3-cd)pyrene	57.1	U	1	57.1	330	ug/Kg	11/11/25 16:11	PB170478
53-70-3	Dibenzo(a,h)anthracene	53.8	U	1	53.8	330	ug/Kg	11/11/25 16:11	PB170478
191-24-2	Benzo(g,h,i)perylene	50.4	U	1	50.4	330	ug/Kg	11/11/25 16:11	PB170478
95-94-3	1,2,4,5-Tetrachlorobenzene	50.2	U	1	50.2	330	ug/Kg	11/11/25 16:11	PB170478
123-91-1	1,4-Dioxane	88.7	U	1	88.7	330	ug/Kg	11/11/25 16:11	PB170478
58-90-2	2,3,4,6-Tetrachlorophenol	53.8	U	1	53.8	330	ug/Kg	11/11/25 16:11	PB170478

SURROGATES

367-12-4	2-Fluorophenol	120		30 (10) - 130 (105)	80%	SPK: 150
13127-88-3	Phenol-d6	117		30 (10) - 130 (103)	78%	SPK: 150
4165-60-0	Nitrobenzene-d5	83.7		30 (10) - 130 (108)	84%	SPK: 100
321-60-8	2-Fluorobiphenyl	75.2		30 (10) - 130 (108)	75%	SPK: 100
118-79-6	2,4,6-Tribromophenol	146		30 (10) - 130 (116)	98%	SPK: 150
1718-51-0	Terphenyl-d14	73.9		30 (10) - 130 (109)	74%	SPK: 100

INTERNAL STANDARDS

3855-82-1	1,4-Dichlorobenzene-d4	318000
1146-65-2	Naphthalene-d8	1210000
15067-26-2	Acenaphthene-d10	729000
1517-22-2	Phenanthrene-d10	1510000
1719-03-5	Chrysene-d12	1770000
1520-96-3	Perylene-d12	2180000

TENTATIVE IDENTIFIED COMPOUNDS

000119-61-9	Benzophenone	420	J	15.7	ug/Kg
000057-10-3	n-Hexadecanoic acid	640	J	18.1	ug/Kg

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Lab Sample ID:	Q3586-03	Matrix:	SOIL
Analytical Method:	8270E	% Solid:	50.9
Sample Wt/Vol:	30.03 g	Test:	SVOC-TCL BNA -20
Prep Method :	SW3541		
	Level: LOW		
	Final Vol: 1000 uL		
	Prep Date: 11/11/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
000057-11-4	Octadecanoic acid	130	J			19.4	ug/Kg		
077899-03-7	1-Heneicosyl formate	350	J			21.3	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