

Report of Analysis

Client: Remington & Vernick Engineers
Project: Edison Landfill
Client Sample ID: SED-2
Lab Sample ID: Q3586-02
Analytical Method: 8260D
Sample Wt/Vol: 7.66 g

Level: LOW
Final Vol: 5000 uL

Date Collected: 11/06/25
Date Received: 11/07/25
SDG No.: Q3586
Matrix: SOIL
% Solid: 41.4
Test: VOC-TCLVOA-10

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
75-71-8	Dichlorodifluoromethane	1.80	U	1	1.80	7.90	ug/Kg	11/11/25 14:15	VW111125
74-87-3	Chloromethane	1.80	U	1	1.80	7.90	ug/Kg	11/11/25 14:15	VW111125
75-01-4	Vinyl Chloride	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
74-83-9	Bromomethane	1.70	U	1	1.70	7.90	ug/Kg	11/11/25 14:15	VW111125
75-00-3	Chloroethane	2.00	U	1	2.00	7.90	ug/Kg	11/11/25 14:15	VW111125
75-69-4	Trichlorofluoromethane	1.90	U	1	1.90	7.90	ug/Kg	11/11/25 14:15	VW111125
76-13-1	1,1,2-Trichlorotrifluoroethane	1.70	U	1	1.70	7.90	ug/Kg	11/11/25 14:15	VW111125
75-35-4	1,1-Dichloroethene	1.60	U	1	1.60	7.90	ug/Kg	11/11/25 14:15	VW111125
67-64-1	Acetone	160		1	7.50	39.4	ug/Kg	11/11/25 14:15	VW111125
75-15-0	Carbon Disulfide	2.90	J	1	1.70	7.90	ug/Kg	11/11/25 14:15	VW111125
1634-04-4	Methyl tert-butyl Ether	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
79-20-9	Methyl Acetate	2.40	U	1	2.40	7.90	ug/Kg	11/11/25 14:15	VW111125
75-09-2	Methylene Chloride	10.6	J	1	5.60	15.8	ug/Kg	11/11/25 14:15	VW111125
156-60-5	trans-1,2-Dichloroethene	1.40	U	1	1.40	7.90	ug/Kg	11/11/25 14:15	VW111125
75-34-3	1,1-Dichloroethane	1.30	U	1	1.30	7.90	ug/Kg	11/11/25 14:15	VW111125
110-82-7	Cyclohexane	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
78-93-3	2-Butanone	52.6		1	10.3	39.4	ug/Kg	11/11/25 14:15	VW111125
56-23-5	Carbon Tetrachloride	1.50	U	1	1.50	7.90	ug/Kg	11/11/25 14:15	VW111125
156-59-2	cis-1,2-Dichloroethene	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
74-97-5	Bromochloromethane	1.80	U	1	1.80	7.90	ug/Kg	11/11/25 14:15	VW111125
67-66-3	Chloroform	1.30	U	1	1.30	7.90	ug/Kg	11/11/25 14:15	VW111125
71-55-6	1,1,1-Trichloroethane	1.50	U	1	1.50	7.90	ug/Kg	11/11/25 14:15	VW111125
108-87-2	Methylcyclohexane	1.40	U	1	1.40	7.90	ug/Kg	11/11/25 14:15	VW111125
71-43-2	Benzene	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
107-06-2	1,2-Dichloroethane	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
79-01-6	Trichloroethene	1.30	U	1	1.30	7.90	ug/Kg	11/11/25 14:15	VW111125
78-87-5	1,2-Dichloropropane	1.40	U	1	1.40	7.90	ug/Kg	11/11/25 14:15	VW111125
75-27-4	Bromodichloromethane	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
108-10-1	4-Methyl-2-Pentanone	5.60	U	1	5.60	39.4	ug/Kg	11/11/25 14:15	VW111125
108-88-3	Toluene	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
10061-02-6	t-1,3-Dichloropropene	1.00	U	1	1.00	7.90	ug/Kg	11/11/25 14:15	VW111125
10061-01-5	cis-1,3-Dichloropropene	0.98	U	1	0.98	7.90	ug/Kg	11/11/25 14:15	VW111125
79-00-5	1,1,2-Trichloroethane	1.50	U	1	1.50	7.90	ug/Kg	11/11/25 14:15	VW111125
591-78-6	2-Hexanone	5.80	U	1	5.80	39.4	ug/Kg	11/11/25 14:15	VW111125
124-48-1	Dibromochloromethane	1.40	U	1	1.40	7.90	ug/Kg	11/11/25 14:15	VW111125
106-93-4	1,2-Dibromoethane	1.40	U	1	1.40	7.90	ug/Kg	11/11/25 14:15	VW111125
127-18-4	Tetrachloroethene	1.70	U	1	1.70	7.90	ug/Kg	11/11/25 14:15	VW111125
108-90-7	Chlorobenzene	1.40	U	1	1.40	7.90	ug/Kg	11/11/25 14:15	VW111125
100-41-4	Ethyl Benzene	1.10	U	1	1.10	7.90	ug/Kg	11/11/25 14:15	VW111125
179601-23-1	m/p-Xylenes	2.00	U	1	2.00	15.8	ug/Kg	11/11/25 14:15	VW111125
95-47-6	o-Xylene	1.30	U	1	1.30	7.90	ug/Kg	11/11/25 14:15	VW111125
100-42-5	Styrene	1.10	U	1	1.10	7.90	ug/Kg	11/11/25 14:15	VW111125
75-25-2	Bromoform	1.40	U	1	1.40	7.90	ug/Kg	11/11/25 14:15	VW111125

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CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
98-82-8	Isopropylbenzene	1.20	U	1	1.20	7.90	ug/Kg	11/11/25 14:15	VW111125
79-34-5	1,1,2,2-Tetrachloroethane	1.90	U	1	1.90	7.90	ug/Kg	11/11/25 14:15	VW111125
541-73-1	1,3-Dichlorobenzene	2.70	U	1	2.70	7.90	ug/Kg	11/11/25 14:15	VW111125
106-46-7	1,4-Dichlorobenzene	2.50	U	1	2.50	7.90	ug/Kg	11/11/25 14:15	VW111125
95-50-1	1,2-Dichlorobenzene	2.30	U	1	2.30	7.90	ug/Kg	11/11/25 14:15	VW111125
96-12-8	1,2-Dibromo-3-Chloropropane	2.90	U	1	2.90	7.90	ug/Kg	11/11/25 14:15	VW111125
120-82-1	1,2,4-Trichlorobenzene	4.70	U	1	4.70	7.90	ug/Kg	11/11/25 14:15	VW111125
87-61-6	1,2,3-Trichlorobenzene	5.00	U	1	5.00	7.90	ug/Kg	11/11/25 14:15	VW111125
SURROGATES									
17060-07-0	1,2-Dichloroethane-d4	80.6	*		70 (63) - 130 (155)	161%	SPK: 50		
1868-53-7	Dibromofluoromethane	64.7			70 (70) - 130 (134)	129%	SPK: 50		
2037-26-5	Toluene-d8	62.2			70 (74) - 130 (123)	124%	SPK: 50		
460-00-4	4-Bromofluorobenzene	67.6	*		70 (52) - 130 (138)	135%	SPK: 50		
INTERNAL STANDARDS									
		Area Count							
363-72-4	Pentafluorobenzene	283000							
540-36-3	1,4-Difluorobenzene	670000							
3114-55-4	Chlorobenzene-d5	673000							
3855-82-1	1,4-Dichlorobenzene-d4	275000							
TENTATIVE IDENTIFIED COMPOUNDS									
95-63-6	1,2,4-Trimethylbenzene	2.10	J			13.3	ug/Kg		
000824-90-8	1-Phenyl-1-butene	38.8	J			14.8	ug/Kg		
003877-19-8	Naphthalene, 1,2,3,4-tetrahydro-2-	20.9	J			15.4	ug/Kg		
006682-71-9	1H-Indene, 2,3-dihydro-4,7-dimethy	21.2	J			15.6	ug/Kg		
002809-64-5	Naphthalene, 1,2,3,4-tetrahydro-5-	28.8	J			16.2	ug/Kg		
004175-54-6	Naphthalene, 1,2,3,4-tetrahydro-1,	51.8	J			16.4	ug/Kg		
002613-76-5	1H-Indene, 2,3-dihydro-1,1,3-trime	21.1	J			16.4	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