

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/03/25
Project:	Edison Landfill		Date Received:	11/04/25
Client Sample ID:	MW-1DL		SDG No.:	Q3534
Lab Sample ID:	Q3534-02DL		Matrix:	Water
Analytical Method:	SW8270ESIM	Level: LOW	% Solid:	0
Sample Wt/Vol:	940 mL	Final Vol: 1000 uL	Test:	SVOC-SIMGroup1
Prep Method :	3510C	Prep Date: 11/06/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	Prep BatchID
TARGETS									
123-91-1	1,4-Dioxane	73.1	D	30	2.10	6.40	ug/L	11/08/25 01:20	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.33			30 (20) - 150 (139)	83%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.36			30 (54) - 150 (157)	90%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.66	*		30 (27) - 130 (154)	165%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.93	*		30 (30) - 130 (155)	233%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.69	*		30 (54) - 130 (175)	173%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	8100							
1146-65-2	Naphthalene-d8	25500							
15067-26-2	Acenaphthene-d10	15000							
1517-22-2	Phenanthrene-d10	26000							
1719-03-5	Chrysene-d12	14800							
1520-96-3	Perylene-d12	14000							

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