

Report of Analysis

Client:	Remington & Vernick Engineers		Date Collected:	11/04/25
Project:	Edison Landfill		Date Received:	11/05/25
Client Sample ID:	MW-8		SDG No.:	Q3552
Lab Sample ID:	Q3552-02		Matrix:	Water
Analytical Method:	SW8270ESIM	Level: LOW	% Solid:	0
Sample Wt/Vol:	1000 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	9.00	E	1	0.070	0.20	ug/L	11/07/25 19:46	PB170427
SURROGATES									
7297-45-2	2-Methylnaphthalene-d10	0.36			30 (20) - 150 (139)	91%	SPK: 0.4		
93951-69-0	Fluoranthene-d10	0.35			30 (54) - 150 (157)	88%	SPK: 0.4		
4165-60-0	Nitrobenzene-d5	0.36			30 (27) - 130 (154)	89%	SPK: 0.4		
321-60-8	2-Fluorobiphenyl	0.30			30 (30) - 130 (155)	74%	SPK: 0.4		
1718-51-0	Terphenyl-d14	0.62	*		30 (54) - 130 (175)	154%	SPK: 0.4		
INTERNAL STANDARDS		Area Count							
3855-82-1	1,4-Dichlorobenzene-d4	9440							
1146-65-2	Naphthalene-d8	31600							
15067-26-2	Acenaphthene-d10	21900							
1517-22-2	Phenanthrene-d10	34000							
1719-03-5	Chrysene-d12	18800							
1520-96-3	Perylene-d12	17700							

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