

Report of Analysis

Client:	CDM Smith	Date Collected:	10/01/25
Project:	MWCO CJO WTP Edison 295110	Date Received:	10/01/25
Client Sample ID:	ENV-3-6FTMS	SDG No.:	Q3266
Lab Sample ID:	Q3266-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	80.3
Sample Wt/Vol:	30.06	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	Injection Volume :	
Prep Method :	SW3541B		

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097503.D	1	10/02/25 09:36	10/02/25 15:36	PB169952

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	13.9		0.16	2.10	ug/kg
319-85-7	beta-BHC	14.0		0.22	2.10	ug/kg
319-86-8	delta-BHC	14.3		0.48	2.10	ug/kg
58-89-9	gamma-BHC (Lindane)	13.8		0.17	2.10	ug/kg
76-44-8	Heptachlor	13.1		0.15	2.10	ug/kg
309-00-2	Aldrin	13.6		0.15	2.10	ug/kg
1024-57-3	Heptachlor epoxide	14.1		0.24	2.10	ug/kg
959-98-8	Endosulfan I	14.2		0.17	2.10	ug/kg
60-57-1	Dieldrin	14.2		0.17	2.10	ug/kg
72-55-9	4,4-DDE	14.8		0.17	2.10	ug/kg
72-20-8	Endrin	14.1		0.17	2.10	ug/kg
33213-65-9	Endosulfan II	13.9		0.36	2.10	ug/kg
72-54-8	4,4-DDD	16.3		0.19	2.10	ug/kg
1031-07-8	Endosulfan Sulfate	15.3		0.16	2.10	ug/kg
50-29-3	4,4-DDT	12.8		0.17	2.10	ug/kg
72-43-5	Methoxychlor	12.8		0.46	2.10	ug/kg
53494-70-5	Endrin ketone	15.5		0.24	2.10	ug/kg
7421-93-4	Endrin aldehyde	16.1		0.46	2.10	ug/kg
5103-71-9	alpha-Chlordane	13.9		0.15	2.10	ug/kg
5103-74-2	gamma-Chlordane	14.4		0.19	2.10	ug/kg
8001-35-2	Toxaphene	6.70	U	6.70	41.0	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	9.59		20 - 144	48%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.0		19 - 148	60%	SPK: 20

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Comments:

U = Not Detected

LOQ = Limit of Quantitation

MDL = Method Detection Limit

LOD = Limit of Detection

E = Value Exceeds Calibration Range

P = Indicates >25% difference for detected concentrations between the two GC columns

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

S = Indicates estimated value where valid five-point calibration was not performed prior to analyte detection in sample.

() = Laboratory InHouse Limit