

Report of Analysis

Client:	JPCL Engineering	Date Collected:	03/04/25
Project:	NYSDOT Two Bronx River Parkway Bridges	Date Received:	03/04/25
Client Sample ID:	DN-B-41MS	SDG No.:	Q1487
Lab Sample ID:	Q1485-01MS	Matrix:	SOIL
Analytical Method:	SW8081	% Solid:	83.1
Sample Wt/Vol:	30.07	Units:	g
Soil Aliquot Vol:			uL
Extraction Type:		Test:	Pesticide-TCL
GPC Factor :	1.0	PH :	
Prep Method :	SW3541B	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL094516.D	1	03/05/25 09:10	03/05/25 18:54	PB166986

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	20.5		0.22	2.00	ug/kg
319-85-7	beta-BHC	21.2		0.59	2.00	ug/kg
319-86-8	delta-BHC	20.8		0.56	2.00	ug/kg
58-89-9	gamma-BHC (Lindane)	20.4		0.23	2.00	ug/kg
76-44-8	Heptachlor	21.4		0.20	2.00	ug/kg
309-00-2	Aldrin	20.3		0.17	2.00	ug/kg
1024-57-3	Heptachlor epoxide	20.7		0.28	2.00	ug/kg
959-98-8	Endosulfan I	21.2		0.20	2.00	ug/kg
60-57-1	Dieldrin	21.3		0.18	2.00	ug/kg
72-55-9	4,4-DDE	21.1		0.16	2.00	ug/kg
72-20-8	Endrin	24.9		0.19	2.00	ug/kg
33213-65-9	Endosulfan II	21.6		0.36	2.00	ug/kg
72-54-8	4,4-DDD	23.6		0.23	2.00	ug/kg
1031-07-8	Endosulfan Sulfate	22.2		0.16	2.00	ug/kg
50-29-3	4,4-DDT	21.4		0.20	2.00	ug/kg
72-43-5	Methoxychlor	23.3		0.46	2.00	ug/kg
53494-70-5	Endrin ketone	20.0		0.26	2.00	ug/kg
7421-93-4	Endrin aldehyde	20.1		0.47	2.00	ug/kg
5103-71-9	alpha-Chlordane	21.2		0.20	2.00	ug/kg
5103-74-2	gamma-Chlordane	21.2		0.23	2.00	ug/kg
8001-35-2	Toxaphene	39.6	U	6.30	39.6	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	21.8		20 - 144	109%	SPK: 20
877-09-8	Tetrachloro-m-xylene	26.0		19 - 148	130%	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