

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc	Date Collected:	10/10/25
Project:	Con Edison Richmond Terrace	Date Received:	10/10/25
Client Sample ID:	TP-1MS	SDG No.:	Q3323
Lab Sample ID:	Q3326-01MS	Matrix:	SOIL
Analytical Method:	8081B	% Solid:	88.3
Sample Wt/Vol:	30.09 g	Final Vol:	10000 uL
Prep Method:	SW3541B	Prep Date	10/13/25
		Test:	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	18.9		1	0.15	1.90	ug/kg	10/13/25 14:20	PB170065
319-85-7	beta-BHC	19.2		1	0.20	1.90	ug/kg	10/13/25 14:20	PB170065
319-86-8	delta-BHC	19.2		1	0.44	1.90	ug/kg	10/13/25 14:20	PB170065
58-89-9	gamma-BHC (Lindane)	18.7		1	0.16	1.90	ug/kg	10/13/25 14:20	PB170065
76-44-8	Heptachlor	18.0		1	0.14	1.90	ug/kg	10/13/25 14:20	PB170065
309-00-2	Aldrin	18.6		1	0.14	1.90	ug/kg	10/13/25 14:20	PB170065
1024-57-3	Heptachlor epoxide	17.9		1	0.21	1.90	ug/kg	10/13/25 14:20	PB170065
959-98-8	Endosulfan I	18.6		1	0.16	1.90	ug/kg	10/13/25 14:20	PB170065
60-57-1	Dieldrin	18.9		1	0.16	1.90	ug/kg	10/13/25 14:20	PB170065
72-55-9	4,4-DDE	19.2		1	0.16	1.90	ug/kg	10/13/25 14:20	PB170065
72-20-8	Endrin	17.0		1	0.16	1.90	ug/kg	10/13/25 14:20	PB170065
33213-65-9	Endosulfan II	17.7		1	0.33	1.90	ug/kg	10/13/25 14:20	PB170065
72-54-8	4,4-DDD	20.0		1	0.17	1.90	ug/kg	10/13/25 14:20	PB170065
1031-07-8	Endosulfan Sulfate	18.2		1	0.15	1.90	ug/kg	10/13/25 14:20	PB170065
50-29-3	4,4-DDT	16.9		1	0.16	1.90	ug/kg	10/13/25 14:20	PB170065
72-43-5	Methoxychlor	16.1		1	0.42	1.90	ug/kg	10/13/25 14:20	PB170065
53494-70-5	Endrin ketone	18.7		1	0.21	1.90	ug/kg	10/13/25 14:20	PB170065
7421-93-4	Endrin aldehyde	18.6		1	0.42	1.90	ug/kg	10/13/25 14:20	PB170065
5103-71-9	alpha-Chlordane	18.5		1	0.14	1.90	ug/kg	10/13/25 14:20	PB170065
5103-74-2	gamma-Chlordane	18.6		1	0.17	1.90	ug/kg	10/13/25 14:20	PB170065
8001-35-2	Toxaphene	6.10	U	1	6.10	37.3	ug/kg	10/13/25 14:20	PB170065
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.4			20 - 144	82%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	16.1			19 - 148	81%	SPK: 20		

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