

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc		Date Collected:	10/09/25
Project:	Con Edison Richmond Terrace		Date Received:	10/09/25
Client Sample ID:	SED-02-0-2		SDG No.:	Q3323
Lab Sample ID:	Q3323-02		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	57.3
Sample Wt/Vol:	30.03 g	Final Vol:	10000 uL	Test:
Prep Method:	SW3541B	Prep Date	10/13/25	Pesticide-TCL

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	0.23	U	1	0.23	3.00	ug/kg	10/14/25 12:24	PB170065
319-85-7	beta-BHC	0.31	U	1	0.31	3.00	ug/kg	10/14/25 12:24	PB170065
319-86-8	delta-BHC	0.68	U	1	0.68	3.00	ug/kg	10/14/25 12:24	PB170065
58-89-9	gamma-BHC (Lindane)	0.24	U	1	0.24	3.00	ug/kg	10/14/25 12:24	PB170065
76-44-8	Heptachlor	0.21	U	1	0.21	3.00	ug/kg	10/14/25 12:24	PB170065
309-00-2	Aldrin	0.21	U	1	0.21	3.00	ug/kg	10/14/25 12:24	PB170065
1024-57-3	Heptachlor epoxide	0.33	U	1	0.33	3.00	ug/kg	10/14/25 12:24	PB170065
959-98-8	Endosulfan I	0.24	U	1	0.24	3.00	ug/kg	10/14/25 12:24	PB170065
60-57-1	Dieldrin	0.24	U	1	0.24	3.00	ug/kg	10/14/25 12:24	PB170065
72-55-9	4,4-DDE	0.45	J	1	0.24	3.00	ug/kg	10/14/25 12:24	PB170065
72-20-8	Endrin	0.24	U	1	0.24	3.00	ug/kg	10/14/25 12:24	PB170065
33213-65-9	Endosulfan II	0.51	U	1	0.51	3.00	ug/kg	10/14/25 12:24	PB170065
72-54-8	4,4-DDD	0.26	U	1	0.26	3.00	ug/kg	10/14/25 12:24	PB170065
1031-07-8	Endosulfan Sulfate	0.23	U	1	0.23	3.00	ug/kg	10/14/25 12:24	PB170065
50-29-3	4,4-DDT	0.24	U	1	0.24	3.00	ug/kg	10/14/25 12:24	PB170065
72-43-5	Methoxychlor	0.65	U	1	0.65	3.00	ug/kg	10/14/25 12:24	PB170065
53494-70-5	Endrin ketone	0.33	U	1	0.33	3.00	ug/kg	10/14/25 12:24	PB170065
7421-93-4	Endrin aldehyde	0.65	U	1	0.65	3.00	ug/kg	10/14/25 12:24	PB170065
5103-71-9	alpha-Chlordane	0.37	J	1	0.21	3.00	ug/kg	10/14/25 12:24	PB170065
5103-74-2	gamma-Chlordane	0.26	U	1	0.26	3.00	ug/kg	10/14/25 12:24	PB170065
8001-35-2	Toxaphene	9.40	U	1	9.40	57.5	ug/kg	10/14/25 12:24	PB170065
SURROGATES									
2051-24-3	Decachlorobiphenyl	16.4			20 - 144	82%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	17.5			19 - 148	88%	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