

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc		Date Collected:	
Project:	Con Edison Richmond Terrace		Date Received:	
Client Sample ID:	PB170065BS		SDG No.:	Q3323
Lab Sample ID:	PB170065BS		Matrix:	SOIL
Analytical Method:	8081B		% Solid:	100
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test:	Pesticide-TCL
Prep Method:	SW3541B	Prep Date 10/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
319-84-6	alpha-BHC	17.1		1	0.13	1.70	ug/kg	10/14/25 11:53	PB170065
319-85-7	beta-BHC	17.0		1	0.18	1.70	ug/kg	10/14/25 11:53	PB170065
319-86-8	delta-BHC	17.1		1	0.39	1.70	ug/kg	10/14/25 11:53	PB170065
58-89-9	gamma-BHC (Lindane)	17.1		1	0.14	1.70	ug/kg	10/14/25 11:53	PB170065
76-44-8	Heptachlor	16.4		1	0.12	1.70	ug/kg	10/14/25 11:53	PB170065
309-00-2	Aldrin	17.3		1	0.12	1.70	ug/kg	10/14/25 11:53	PB170065
1024-57-3	Heptachlor epoxide	17.3		1	0.19	1.70	ug/kg	10/14/25 11:53	PB170065
959-98-8	Endosulfan I	17.2		1	0.14	1.70	ug/kg	10/14/25 11:53	PB170065
60-57-1	Dieldrin	17.2		1	0.14	1.70	ug/kg	10/14/25 11:53	PB170065
72-55-9	4,4-DDE	17.2		1	0.14	1.70	ug/kg	10/14/25 11:53	PB170065
72-20-8	Endrin	16.9		1	0.14	1.70	ug/kg	10/14/25 11:53	PB170065
33213-65-9	Endosulfan II	17.1		1	0.29	1.70	ug/kg	10/14/25 11:53	PB170065
72-54-8	4,4-DDD	17.0		1	0.15	1.70	ug/kg	10/14/25 11:53	PB170065
1031-07-8	Endosulfan Sulfate	17.0		1	0.13	1.70	ug/kg	10/14/25 11:53	PB170065
50-29-3	4,4-DDT	16.2		1	0.14	1.70	ug/kg	10/14/25 11:53	PB170065
72-43-5	Methoxychlor	15.4		1	0.37	1.70	ug/kg	10/14/25 11:53	PB170065
53494-70-5	Endrin ketone	16.7		1	0.19	1.70	ug/kg	10/14/25 11:53	PB170065
7421-93-4	Endrin aldehyde	18.3		1	0.37	1.70	ug/kg	10/14/25 11:53	PB170065
5103-71-9	alpha-Chlordane	17.2		1	0.12	1.70	ug/kg	10/14/25 11:53	PB170065
5103-74-2	gamma-Chlordane	17.3		1	0.15	1.70	ug/kg	10/14/25 11:53	PB170065
8001-35-2	Toxaphene	5.40	U	1	5.40	33.0	ug/kg	10/14/25 11:53	PB170065
SURROGATES									
2051-24-3	Decachlorobiphenyl	26.9			20 - 144	134%	SPK: 20		
877-09-8	Tetrachloro-m-xylene	23.3			19 - 148	116%	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