

Report of Analysis

Client:	Langan Engineering and Environmental Services, Inc		Date Collected:	10/07/25	
Project:	Con Edison Richmond Terrace		Date Received:	10/08/25	
Client Sample ID:	SS-01-0-1MS		SDG No.:	Q3310	
Lab Sample ID:	Q3310-01MS		Matrix:	SOIL	
Analytical Method:	8081B		% Solid:	65.3	Decanted:
Sample Wt/Vol:	30.02	Units: g	Final Vol:	10000	uL
Soil Aliquot Vol:		uL	Test:	Pesticide-TCL	
Extraction Type:			Injection Volume :		
GPC Factor :	1.0	PH :			
Prep Method :	SW3541B				

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PL097602.D	1	10/10/25 09:06	10/10/25 14:25	PB170054

CAS Number	Parameter	Conc.	Qualifier	MDL	LOQ / CRQL	Units(Dry Weight)
TARGETS						
319-84-6	alpha-BHC	19.8		0.20	2.60	ug/kg
319-85-7	beta-BHC	18.3		0.28	2.60	ug/kg
319-86-8	delta-BHC	21.0		0.60	2.60	ug/kg
58-89-9	gamma-BHC (Lindane)	19.9		0.21	2.60	ug/kg
76-44-8	Heptachlor	19.9		0.18	2.60	ug/kg
309-00-2	Aldrin	19.6		0.18	2.60	ug/kg
1024-57-3	Heptachlor epoxide	20.5		0.29	2.60	ug/kg
959-98-8	Endosulfan I	20.5		0.21	2.60	ug/kg
60-57-1	Dieldrin	24.6		0.21	2.60	ug/kg
72-55-9	4,4-DDE	20.3		0.21	2.60	ug/kg
72-20-8	Endrin	19.7		0.21	2.60	ug/kg
33213-65-9	Endosulfan II	17.9		0.44	2.60	ug/kg
72-54-8	4,4-DDD	23.9	P	0.23	2.60	ug/kg
1031-07-8	Endosulfan Sulfate	23.3		0.20	2.60	ug/kg
50-29-3	4,4-DDT	22.9		0.21	2.60	ug/kg
72-43-5	Methoxychlor	25.8		0.57	2.60	ug/kg
53494-70-5	Endrin ketone	22.8	P	0.29	2.60	ug/kg
7421-93-4	Endrin aldehyde	19.7		0.57	2.60	ug/kg
5103-71-9	alpha-Chlordane	23.6		0.18	2.60	ug/kg
5103-74-2	gamma-Chlordane	24.6		0.23	2.60	ug/kg
8001-35-2	Toxaphene	8.30	U	8.30	50.5	ug/kg
SURROGATES						
2051-24-3	Decachlorobiphenyl	8.92		20 - 144	45%	SPK: 20
877-09-8	Tetrachloro-m-xylene	12.9		19 - 148	64%	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