

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-01-1-2		SDG No.:	Q3310
Lab Sample ID:	Q3310-02		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	72.4
Sample Wt/Vol:	30.08 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date 10/10/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	5.40	U	1	5.40	23.4	ug/kg	10/10/25 13:47	PB170053
11104-28-2	Aroclor-1221	5.60	U	1	5.60	23.4	ug/kg	10/10/25 13:47	PB170053
11141-16-5	Aroclor-1232	5.10	U	1	5.10	23.4	ug/kg	10/10/25 13:47	PB170053
53469-21-9	Aroclor-1242	5.50	U	1	5.50	23.4	ug/kg	10/10/25 13:47	PB170053
12672-29-6	Aroclor-1248	8.20	U	1	8.20	23.4	ug/kg	10/10/25 13:47	PB170053
11097-69-1	Aroclor-1254	4.40	U	1	4.40	23.4	ug/kg	10/10/25 13:47	PB170053
37324-23-5	Aroclor-1262	6.90	U	1	6.90	23.4	ug/kg	10/10/25 13:47	PB170053
11100-14-4	Aroclor-1268	5.00	U	1	5.00	23.4	ug/kg	10/10/25 13:47	PB170053
11096-82-5	Aroclor-1260	75.8	P	1	4.40	23.4	ug/kg	10/10/25 13:47	PB170053
SURROGATES									
877-09-8	Tetrachloro-m-xylene	18.0			32 - 144	90%	SPK: 20		
2051-24-3	Decachlorobiphenyl	15.8			32 - 175	79%	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