

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-07-0-2		SDG No.:	Q3323
Lab Sample ID:	Q3323-07		Matrix:	SOIL
Analytical Method:	8082A		% Solid:	81.2
Sample Wt/Vol:	30.03 g	Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541B	Prep Date 10/13/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.90	U	1	4.90	20.9	ug/kg	10/13/25 15:06	PB170064
11104-28-2	Aroclor-1221	5.00	U	1	5.00	20.9	ug/kg	10/13/25 15:06	PB170064
11141-16-5	Aroclor-1232	4.60	U	1	4.60	20.9	ug/kg	10/13/25 15:06	PB170064
53469-21-9	Aroclor-1242	4.90	U	1	4.90	20.9	ug/kg	10/13/25 15:06	PB170064
12672-29-6	Aroclor-1248	7.30	U	1	7.30	20.9	ug/kg	10/13/25 15:06	PB170064
11097-69-1	Aroclor-1254	3.90	U	1	3.90	20.9	ug/kg	10/13/25 15:06	PB170064
37324-23-5	Aroclor-1262	6.20	U	1	6.20	20.9	ug/kg	10/13/25 15:06	PB170064
11100-14-4	Aroclor-1268	4.40	U	1	4.40	20.9	ug/kg	10/13/25 15:06	PB170064
11096-82-5	Aroclor-1260	4.00	U	1	4.00	20.9	ug/kg	10/13/25 15:06	PB170064
SURROGATES									
877-09-8	Tetrachloro-m-xylene	22.3			32 - 144	112%	SPK: 20		
2051-24-3	Decachlorobiphenyl	16.3			32 - 175	82%	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