284 Sheffield Street, Mountainside, New Jersey 07092, Phone : 908 789 8900,
Fax : 908 789 8922

Hit Summary Sheet
SW-846

SDG No.: Q3450 **Order ID:** Q3450

Client: Matrix New World Engineering **Project ID:** PSEG Athenia Substation

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	RDL	Units
Client ID :	**SS-5R-(2.0-2.5)**							
Q3450-01	SS-5R-(2.0-2.5)	SOIL	Aroclor-1254	45.5		3.50	18.3	ug/kg
			Total Concentration:	**45.500**				
Client ID :	**SS-5R-(3.5-4.0)**							
Q3450-02	SS-5R-(3.5-4.0)	SOIL	Aroclor-1254	11.3	J	3.70	19.6	ug/kg
			Total Concentration:	**11.300**				
Client ID :	**SS-20-(0.0-0.5)**							
Q3450-08	SS-20-(0.0-0.5)	SOIL	Aroclor-1254	174		3.40	18.2	ug/kg
			Total Concentration:	**174.000**				
Client ID :	**SS-20-(2.0-2.5)**							
Q3450-09	SS-20-(2.0-2.5)	SOIL	Aroclor-1254	11.3	J	3.70	19.6	ug/kg
			Total Concentration:	**11.300**				
Client ID :	**SS-20-(3.5-4.0)**							
Q3450-10	SS-20-(3.5-4.0)	SOIL	Aroclor-1254	55.2		3.80	20.2	ug/kg
			Total Concentration:	**55.200**				
Client ID :	**SS-21-(0.0-0.5)**							
Q3450-20	SS-21-(0.0-0.5)	SOIL	Aroclor-1254	593	E	3.50	18.5	ug/kg
			Total Concentration:	**593.000**				
Client ID :	**SS-21-(0.0-0.5)DL**							
Q3450-20DL	SS-21-(0.0-0.5)DL	SOIL	Aroclor-1254	509	D	17.5	92.5	ug/kg
			Total Concentration:	**509.000**				
Client ID :	**SS-21-(3.5-4.0)**							
Q3450-22	SS-21-(3.5-4.0)	SOIL	Aroclor-1254	516	E	3.80	20.0	ug/kg
			Total Concentration:	**516.000**				
Client ID :	**SS-21-(3.5-4.0)DL**							
Q3450-22DL	SS-21-(3.5-4.0)DL	SOIL	Aroclor-1254	503	D	7.60	40.1	ug/kg
			Total Concentration:	**503.000**				

SAMPLE DATA

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Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/23/25
Project:	PSEG Athenia Substation	Date Received:	10/23/25
Client Sample ID:	SS-5R-(2.0-2.5)	SDG No.:	Q3450
Lab Sample ID:	Q3450-01	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	92.9
Sample Wt/Vol:	30.03 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.20	U	1	4.20	18.3	ug/kg	10/27/25 09:26	PB170236
11104-28-2	Aroclor-1221	4.30	U	1	4.30	18.3	ug/kg	10/27/25 09:26	PB170236
11141-16-5	Aroclor-1232	4.00	U	1	4.00	18.3	ug/kg	10/27/25 09:26	PB170236
53469-21-9	Aroclor-1242	4.30	U	1	4.30	18.3	ug/kg	10/27/25 09:26	PB170236
12672-29-6	Aroclor-1248	6.40	U	1	6.40	18.3	ug/kg	10/27/25 09:26	PB170236
11097-69-1	Aroclor-1254	45.5		1	3.50	18.3	ug/kg	10/27/25 09:26	PB170236
37324-23-5	Aroclor-1262	5.40	U	1	5.40	18.3	ug/kg	10/27/25 09:26	PB170236
11100-14-4	Aroclor-1268	3.90	U	1	3.90	18.3	ug/kg	10/27/25 09:26	PB170236
11096-82-5	Aroclor-1260	3.50	U	1	3.50	18.3	ug/kg	10/27/25 09:26	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.2			30 (32) - 150 (144)	136%	SPK: 20		
2051-24-3	Decachlorobiphenyl	28.0			30 (32) - 150 (175)	140%	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

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Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/23/25
Project:	PSEG Athenia Substation	Date Received:	10/23/25
Client Sample ID:	SS-5R-(3.5-4.0)	SDG No.:	Q3450
Lab Sample ID:	Q3450-02	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.3
Sample Wt/Vol:	30.08 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.60	U	1	4.60	19.6	ug/kg	10/27/25 09:41	PB170236
11104-28-2	Aroclor-1221	4.70	U	1	4.70	19.6	ug/kg	10/27/25 09:41	PB170236
11141-16-5	Aroclor-1232	4.30	U	1	4.30	19.6	ug/kg	10/27/25 09:41	PB170236
53469-21-9	Aroclor-1242	4.60	U	1	4.60	19.6	ug/kg	10/27/25 09:41	PB170236
12672-29-6	Aroclor-1248	6.80	U	1	6.80	19.6	ug/kg	10/27/25 09:41	PB170236
11097-69-1	Aroclor-1254	11.3	J	1	3.70	19.6	ug/kg	10/27/25 09:41	PB170236
37324-23-5	Aroclor-1262	5.80	U	1	5.80	19.6	ug/kg	10/27/25 09:41	PB170236
11100-14-4	Aroclor-1268	4.20	U	1	4.20	19.6	ug/kg	10/27/25 09:41	PB170236
11096-82-5	Aroclor-1260	3.70	U	1	3.70	19.6	ug/kg	10/27/25 09:41	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.0			30 (32) - 150 (144)	135%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.4			30 (32) - 150 (175)	127%	SPK: 20		

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Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/23/25
Project:	PSEG Athenia Substation	Date Received:	10/23/25
Client Sample ID:	SS-20-(0.0-0.5)	SDG No.:	Q3450
Lab Sample ID:	Q3450-08	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.5
Sample Wt/Vol:	30.01 g	Final Vol: 10000 uL	Test: PCB
Prep Method:	SW3541	Prep Date 10/24/25	

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.20	U	1	4.20	18.2	ug/kg	10/27/25 10:24	PB170236
11104-28-2	Aroclor-1221	4.30	U	1	4.30	18.2	ug/kg	10/27/25 10:24	PB170236
11141-16-5	Aroclor-1232	4.00	U	1	4.00	18.2	ug/kg	10/27/25 10:24	PB170236
53469-21-9	Aroclor-1242	4.30	U	1	4.30	18.2	ug/kg	10/27/25 10:24	PB170236
12672-29-6	Aroclor-1248	6.30	U	1	6.30	18.2	ug/kg	10/27/25 10:24	PB170236
11097-69-1	Aroclor-1254	174		1	3.40	18.2	ug/kg	10/27/25 10:24	PB170236
37324-23-5	Aroclor-1262	5.40	U	1	5.40	18.2	ug/kg	10/27/25 10:24	PB170236
11100-14-4	Aroclor-1268	3.80	U	1	3.80	18.2	ug/kg	10/27/25 10:24	PB170236
11096-82-5	Aroclor-1260	3.50	U	1	3.50	18.2	ug/kg	10/27/25 10:24	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	26.8			30 (32) - 150 (144)	134%	SPK: 20		
2051-24-3	Decachlorobiphenyl	28.1			30 (32) - 150 (175)	140%	SPK: 20		

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Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/23/25
Project:	PSEG Athenia Substation	Date Received:	10/23/25
Client Sample ID:	SS-20-(2.0-2.5)	SDG No.:	Q3450
Lab Sample ID:	Q3450-09	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	86.3
Sample Wt/Vol:	30.09 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.60	U	1	4.60	19.6	ug/kg	10/27/25 10:39	PB170236
11104-28-2	Aroclor-1221	4.70	U	1	4.70	19.6	ug/kg	10/27/25 10:39	PB170236
11141-16-5	Aroclor-1232	4.30	U	1	4.30	19.6	ug/kg	10/27/25 10:39	PB170236
53469-21-9	Aroclor-1242	4.60	U	1	4.60	19.6	ug/kg	10/27/25 10:39	PB170236
12672-29-6	Aroclor-1248	6.80	U	1	6.80	19.6	ug/kg	10/27/25 10:39	PB170236
11097-69-1	Aroclor-1254	11.3	J	1	3.70	19.6	ug/kg	10/27/25 10:39	PB170236
37324-23-5	Aroclor-1262	5.80	U	1	5.80	19.6	ug/kg	10/27/25 10:39	PB170236
11100-14-4	Aroclor-1268	4.20	U	1	4.20	19.6	ug/kg	10/27/25 10:39	PB170236
11096-82-5	Aroclor-1260	3.70	U	1	3.70	19.6	ug/kg	10/27/25 10:39	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	27.2			30 (32) - 150 (144)	136%	SPK: 20		
2051-24-3	Decachlorobiphenyl	27.4			30 (32) - 150 (175)	137%	SPK: 20		

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Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/23/25
Project:	PSEG Athenia Substation	Date Received:	10/23/25
Client Sample ID:	SS-20-(3.5-4.0)	SDG No.:	Q3450
Lab Sample ID:	Q3450-10	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84
Sample Wt/Vol:	30.07 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.70	U	1	4.70	20.2	ug/kg	10/24/25 20:52	PB170236
11104-28-2	Aroclor-1221	4.80	U	1	4.80	20.2	ug/kg	10/24/25 20:52	PB170236
11141-16-5	Aroclor-1232	4.40	U	1	4.40	20.2	ug/kg	10/24/25 20:52	PB170236
53469-21-9	Aroclor-1242	4.80	U	1	4.80	20.2	ug/kg	10/24/25 20:52	PB170236
12672-29-6	Aroclor-1248	7.00	U	1	7.00	20.2	ug/kg	10/24/25 20:52	PB170236
11097-69-1	Aroclor-1254	55.2		1	3.80	20.2	ug/kg	10/24/25 20:52	PB170236
37324-23-5	Aroclor-1262	6.00	U	1	6.00	20.2	ug/kg	10/24/25 20:52	PB170236
11100-14-4	Aroclor-1268	4.30	U	1	4.30	20.2	ug/kg	10/24/25 20:52	PB170236
11096-82-5	Aroclor-1260	3.80	U	1	3.80	20.2	ug/kg	10/24/25 20:52	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.1			30 (32) - 150 (144)	121%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.8			30 (32) - 150 (175)	129%	SPK: 20		

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Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/23/25
Project:	PSEG Athenia Substation	Date Received:	10/23/25
Client Sample ID:	SS-28-(2.0-2.5)	SDG No.:	Q3450
Lab Sample ID:	Q3450-11	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93
Sample Wt/Vol:	30.02 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.20	U	1	4.20	18.3	ug/kg	10/24/25 21:08	PB170236
11104-28-2	Aroclor-1221	4.30	U	1	4.30	18.3	ug/kg	10/24/25 21:08	PB170236
11141-16-5	Aroclor-1232	4.00	U	1	4.00	18.3	ug/kg	10/24/25 21:08	PB170236
53469-21-9	Aroclor-1242	4.30	U	1	4.30	18.3	ug/kg	10/24/25 21:08	PB170236
12672-29-6	Aroclor-1248	6.40	U	1	6.40	18.3	ug/kg	10/24/25 21:08	PB170236
11097-69-1	Aroclor-1254	3.40	U	1	3.40	18.3	ug/kg	10/24/25 21:08	PB170236
37324-23-5	Aroclor-1262	5.40	U	1	5.40	18.3	ug/kg	10/24/25 21:08	PB170236
11100-14-4	Aroclor-1268	3.90	U	1	3.90	18.3	ug/kg	10/24/25 21:08	PB170236
11096-82-5	Aroclor-1260	3.50	U	1	3.50	18.3	ug/kg	10/24/25 21:08	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	23.3			30 (32) - 150 (144)	116%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.0			30 (32) - 150 (175)	125%	SPK: 20		

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Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/23/25
Project:	PSEG Athenia Substation	Date Received:	10/23/25
Client Sample ID:	SS-21-(0.0-0.5)	SDG No.:	Q3450
Lab Sample ID:	Q3450-20	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.7
Sample Wt/Vol:	30.05 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.30	U	1	4.30	18.5	ug/kg	10/24/25 21:24	PB170236
11104-28-2	Aroclor-1221	4.40	U	1	4.40	18.5	ug/kg	10/24/25 21:24	PB170236
11141-16-5	Aroclor-1232	4.00	U	1	4.00	18.5	ug/kg	10/24/25 21:24	PB170236
53469-21-9	Aroclor-1242	4.40	U	1	4.40	18.5	ug/kg	10/24/25 21:24	PB170236
12672-29-6	Aroclor-1248	6.40	U	1	6.40	18.5	ug/kg	10/24/25 21:24	PB170236
11097-69-1	Aroclor-1254	593	E	1	3.50	18.5	ug/kg	10/24/25 21:24	PB170236
37324-23-5	Aroclor-1262	5.50	U	1	5.50	18.5	ug/kg	10/24/25 21:24	PB170236
11100-14-4	Aroclor-1268	3.90	U	1	3.90	18.5	ug/kg	10/24/25 21:24	PB170236
11096-82-5	Aroclor-1260	3.50	U	1	3.50	18.5	ug/kg	10/24/25 21:24	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.0			30 (32) - 150 (144)	120%	SPK: 20		
2051-24-3	Decachlorobiphenyl	25.0			30 (32) - 150 (175)	125%	SPK: 20		

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Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/23/25
Project:	PSEG Athenia Substation	Date Received:	10/23/25
Client Sample ID:	SS-21-(0.0-0.5)DL	SDG No.:	Q3450
Lab Sample ID:	Q3450-20DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	91.7
Sample Wt/Vol:	30.05 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	21.5	UD	5	21.5	92.5	ug/kg	10/27/25 11:42	PB170236
11104-28-2	Aroclor-1221	21.9	UD	5	21.9	92.5	ug/kg	10/27/25 11:42	PB170236
11141-16-5	Aroclor-1232	20.2	UD	5	20.2	92.5	ug/kg	10/27/25 11:42	PB170236
53469-21-9	Aroclor-1242	21.8	UD	5	21.8	92.5	ug/kg	10/27/25 11:42	PB170236
12672-29-6	Aroclor-1248	32.2	UD	5	32.2	92.5	ug/kg	10/27/25 11:42	PB170236
11097-69-1	Aroclor-1254	509	D	5	17.5	92.5	ug/kg	10/27/25 11:42	PB170236
37324-23-5	Aroclor-1262	27.3	UD	5	27.3	92.5	ug/kg	10/27/25 11:42	PB170236
11100-14-4	Aroclor-1268	19.6	UD	5	19.6	92.5	ug/kg	10/27/25 11:42	PB170236
11096-82-5	Aroclor-1260	17.6	UD	5	17.6	92.5	ug/kg	10/27/25 11:42	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.4			30 (32) - 150 (144)	107%	SPK: 20		
2051-24-3	Decachlorobiphenyl	24.8			30 (32) - 150 (175)	124%	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

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Fax : 908 789 8922

Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/23/25
Project:	PSEG Athenia Substation	Date Received:	10/23/25
Client Sample ID:	SS-21-(2.0-2.5)	SDG No.:	Q3450
Lab Sample ID:	Q3450-21	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	93.2
Sample Wt/Vol:	30.08 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.20	U	1	4.20	18.2	ug/kg	10/24/25 21:41	PB170236
11104-28-2	Aroclor-1221	4.30	U	1	4.30	18.2	ug/kg	10/24/25 21:41	PB170236
11141-16-5	Aroclor-1232	4.00	U	1	4.00	18.2	ug/kg	10/24/25 21:41	PB170236
53469-21-9	Aroclor-1242	4.30	U	1	4.30	18.2	ug/kg	10/24/25 21:41	PB170236
12672-29-6	Aroclor-1248	6.30	U	1	6.30	18.2	ug/kg	10/24/25 21:41	PB170236
11097-69-1	Aroclor-1254	3.40	U	1	3.40	18.2	ug/kg	10/24/25 21:41	PB170236
37324-23-5	Aroclor-1262	5.40	U	1	5.40	18.2	ug/kg	10/24/25 21:41	PB170236
11100-14-4	Aroclor-1268	3.90	U	1	3.90	18.2	ug/kg	10/24/25 21:41	PB170236
11096-82-5	Aroclor-1260	3.50	U	1	3.50	18.2	ug/kg	10/24/25 21:41	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	24.5			30 (32) - 150 (144)	123%	SPK: 20		
2051-24-3	Decachlorobiphenyl	26.4			30 (32) - 150 (175)	132%	SPK: 20		

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Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/23/25
Project:	PSEG Athenia Substation	Date Received:	10/23/25
Client Sample ID:	SS-21-(3.5-4.0)	SDG No.:	Q3450
Lab Sample ID:	Q3450-22	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.7
Sample Wt/Vol:	30.04 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	4.70	U	1	4.70	20.0	ug/kg	10/24/25 21:57	PB170236
11104-28-2	Aroclor-1221	4.80	U	1	4.80	20.0	ug/kg	10/24/25 21:57	PB170236
11141-16-5	Aroclor-1232	4.40	U	1	4.40	20.0	ug/kg	10/24/25 21:57	PB170236
53469-21-9	Aroclor-1242	4.70	U	1	4.70	20.0	ug/kg	10/24/25 21:57	PB170236
12672-29-6	Aroclor-1248	7.00	U	1	7.00	20.0	ug/kg	10/24/25 21:57	PB170236
11097-69-1	Aroclor-1254	516	E	1	3.80	20.0	ug/kg	10/24/25 21:57	PB170236
37324-23-5	Aroclor-1262	5.90	U	1	5.90	20.0	ug/kg	10/24/25 21:57	PB170236
11100-14-4	Aroclor-1268	4.20	U	1	4.20	20.0	ug/kg	10/24/25 21:57	PB170236
11096-82-5	Aroclor-1260	3.80	U	1	3.80	20.0	ug/kg	10/24/25 21:57	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	20.1			30 (32) - 150 (144)	100%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.2			30 (32) - 150 (175)	86%	SPK: 20		

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() = Laboratory InHouse Limit

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Report of Analysis

Client:	Matrix New World Engineering	Date Collected:	10/23/25
Project:	PSEG Athenia Substation	Date Received:	10/23/25
Client Sample ID:	SS-21-(3.5-4.0)DL	SDG No.:	Q3450
Lab Sample ID:	Q3450-22DL	Matrix:	SOIL
Analytical Method:	8082A	% Solid:	84.7
Sample Wt/Vol:	30.04 g Final Vol: 10000 uL	Test:	PCB
Prep Method:	SW3541 Prep Date 10/24/25		

CAS Number	Parameter	Conc.	Qua.	DF	MDL	LOQ / CRQL	Units	Date Ana.	BatchID
TARGETS									
12674-11-2	Aroclor-1016	9.30	UD	2	9.30	40.1	ug/kg	10/27/25 11:58	PB170236
11104-28-2	Aroclor-1221	9.50	UD	2	9.50	40.1	ug/kg	10/27/25 11:58	PB170236
11141-16-5	Aroclor-1232	8.80	UD	2	8.80	40.1	ug/kg	10/27/25 11:58	PB170236
53469-21-9	Aroclor-1242	9.50	UD	2	9.50	40.1	ug/kg	10/27/25 11:58	PB170236
12672-29-6	Aroclor-1248	14.0	UD	2	14.0	40.1	ug/kg	10/27/25 11:58	PB170236
11097-69-1	Aroclor-1254	503	D	2	7.60	40.1	ug/kg	10/27/25 11:58	PB170236
37324-23-5	Aroclor-1262	11.8	UD	2	11.8	40.1	ug/kg	10/27/25 11:58	PB170236
11100-14-4	Aroclor-1268	8.50	UD	2	8.50	40.1	ug/kg	10/27/25 11:58	PB170236
11096-82-5	Aroclor-1260	7.60	UD	2	7.60	40.1	ug/kg	10/27/25 11:58	PB170236
SURROGATES									
877-09-8	Tetrachloro-m-xylene	21.6			30 (32) - 150 (144)	108%	SPK: 20		
2051-24-3	Decachlorobiphenyl	17.5			30 (32) - 150 (175)	88%	SPK: 20		

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LAB CHRONICLE

OrderID:	Q3450	**OrderDate:**	10/23/2025 3:53:00 PM
Client:	Matrix New World Engineering	**Project:**	PSEG Athenia Substation
Contact:	Christopher Pittarese	**Location:**	D41

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q3450-01	**SS-5R-(2.0-2.5)**	**SOIL**			**10/23/25**			**10/23/25**
			PCB	8082A		10/24/25	10/27/25	
Q3450-02	**SS-5R-(3.5-4.0)**	**SOIL**			**10/23/25**			**10/23/25**
			PCB	8082A		10/24/25	10/27/25	
Q3450-08	**SS-20-(0.0-0.5)**	**SOIL**			**10/23/25**			**10/23/25**
			PCB	8082A		10/24/25	10/27/25	
Q3450-09	**SS-20-(2.0-2.5)**	**SOIL**			**10/23/25**			**10/23/25**
			PCB	8082A		10/24/25	10/27/25	
Q3450-10	**SS-20-(3.5-4.0)**	**SOIL**			**10/23/25**			**10/23/25**
			PCB	8082A		10/24/25	10/24/25	
Q3450-11	**SS-28-(2.0-2.5)**	**SOIL**			**10/23/25**			**10/23/25**
			PCB	8082A		10/24/25	10/24/25	
Q3450-20	**SS-21-(0.0-0.5)**	**SOIL**			**10/23/25**			**10/23/25**
			PCB	8082A		10/24/25	10/24/25	
Q3450-20DL	**SS-21-(0.0-0.5)DL**	**SOIL**			**10/23/25**			**10/23/25**
			PCB	8082A		10/24/25	10/27/25	
Q3450-21	**SS-21-(2.0-2.5)**	**SOIL**			**10/23/25**			**10/23/25**
			PCB	8082A		10/24/25	10/24/25	
Q3450-22	**SS-21-(3.5-4.0)**	**SOIL**			**10/23/25**			**10/23/25**
			PCB	8082A		10/24/25	10/24/25	
Q3450-22DL	**SS-21-(3.5-4.0)DL**	**SOIL**			**10/23/25**			**10/23/25**
			PCB	8082A		10/24/25	10/27/25	