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**Hit Summary Sheet**  
**SW-846**

**SDG No.:** Q2815

**Order ID:** Q2815

**Client:** First Environment, Inc.

**Project ID:** USACE018-44 DOD

Sample ID	Client ID	Matrix	Parameter	Concentration	C	MDL	LOD	RDL	Units
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**Client ID :**

**Total Concentration:** 0.000

A

B

C

D



# SAMPLE DATA

A

B

C

D

## Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/06/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-705R-S	SDG No.:	Q2815
Lab Sample ID:	Q2815-01	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	990	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112922.D	1	08/12/25 09:25	08/13/25 19:08	PB169224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
<b>TARGETS</b>							
12674-11-2	Aroclor-1016	0.25	U	0.098	0.25	0.51	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.51	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.097	0.25	0.51	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.51	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.072	0.25	0.51	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.095	0.25	0.51	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.51	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.51	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.082	0.25	0.51	ug/L
<b>SURROGATES</b>							
877-09-8	Tetrachloro-m-xylene	15.5		35 - 137		78%	SPK: 20
2051-24-3	Decachlorobiphenyl	8.54		40 - 135		43%	SPK: 20

### 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

## Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-22M-W	SDG No.:	Q2815
Lab Sample ID:	Q2815-11	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PO112923.D	1	08/12/25 09:25	08/13/25 19:26	PB169224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
<b>TARGETS</b>							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
<b>SURROGATES</b>							
877-09-8	Tetrachloro-m-xylene	18.4		35 - 137		92%	SPK: 20
2051-24-3	Decachlorobiphenyl	13.1		40 - 135		66%	SPK: 20

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## Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-11M-E	SDG No.:	Q2815
Lab Sample ID:	Q2815-21	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	870	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074355.D	1	08/12/25 09:25	08/13/25 17:47	PB169224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
<b>TARGETS</b>							
12674-11-2	Aroclor-1016	0.29	U	0.11	0.29	0.57	ug/L
11104-28-2	Aroclor-1221	0.46	U	0.15	0.46	0.57	ug/L
11141-16-5	Aroclor-1232	0.29	U	0.11	0.29	0.57	ug/L
53469-21-9	Aroclor-1242	0.29	U	0.14	0.29	0.57	ug/L
12672-29-6	Aroclor-1248	0.29	U	0.082	0.29	0.57	ug/L
11097-69-1	Aroclor-1254	0.29	U	0.11	0.29	0.57	ug/L
37324-23-5	Aroclor-1262	0.46	U	0.16	0.46	0.57	ug/L
11100-14-4	Aroclor-1268	0.29	U	0.13	0.29	0.57	ug/L
11096-82-5	Aroclor-1260	0.29	U	0.093	0.29	0.57	ug/L
<b>SURROGATES</b>							
877-09-8	Tetrachloro-m-xylene	19.8		35 - 137		99%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.8		40 - 135		59%	SPK: 20

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## Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	TW-11M-N	SDG No.:	Q2815
Lab Sample ID:	Q2815-23	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	1000	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074356.D	1	08/12/25 09:25	08/13/25 18:04	PB169224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
<b>TARGETS</b>							
12674-11-2	Aroclor-1016	0.25	U	0.097	0.25	0.50	ug/L
11104-28-2	Aroclor-1221	0.40	U	0.13	0.40	0.50	ug/L
11141-16-5	Aroclor-1232	0.25	U	0.096	0.25	0.50	ug/L
53469-21-9	Aroclor-1242	0.25	U	0.12	0.25	0.50	ug/L
12672-29-6	Aroclor-1248	0.25	U	0.071	0.25	0.50	ug/L
11097-69-1	Aroclor-1254	0.25	U	0.094	0.25	0.50	ug/L
37324-23-5	Aroclor-1262	0.40	U	0.14	0.40	0.50	ug/L
11100-14-4	Aroclor-1268	0.25	U	0.11	0.25	0.50	ug/L
11096-82-5	Aroclor-1260	0.25	U	0.081	0.25	0.50	ug/L
<b>SURROGATES</b>							
877-09-8	Tetrachloro-m-xylene	24.2		35 - 137		121%	SPK: 20
2051-24-3	Decachlorobiphenyl	11.6		40 - 135		58%	SPK: 20

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## Report of Analysis

Client:	First Environment, Inc.	Date Collected:	08/08/25
Project:	USACE018-44 DOD	Date Received:	08/08/25
Client Sample ID:	FB	SDG No.:	Q2815
Lab Sample ID:	Q2815-26	Matrix:	WATER
Analytical Method:	8082A	% Solid:	0
Sample Wt/Vol:	930	Units:	mL
Soil Aliquot Vol:			uL
Extraction Type:		Test:	PCB
GPC Factor :	1.0	PH :	
Prep Method :	3510C	Injection Volume :	

File ID/Qc Batch:	Dilution:	Prep Date	Date Analyzed	Prep Batch ID
PP074357.D	1	08/12/25 09:25	08/13/25 18:20	PB169224

CAS Number	Parameter	Conc.	Qualifier	MDL	LOD	LOQ / CRQL	Units
<b>TARGETS</b>							
12674-11-2	Aroclor-1016	0.27	U	0.10	0.27	0.54	ug/L
11104-28-2	Aroclor-1221	0.43	U	0.14	0.43	0.54	ug/L
11141-16-5	Aroclor-1232	0.27	U	0.10	0.27	0.54	ug/L
53469-21-9	Aroclor-1242	0.27	U	0.13	0.27	0.54	ug/L
12672-29-6	Aroclor-1248	0.27	U	0.076	0.27	0.54	ug/L
11097-69-1	Aroclor-1254	0.27	U	0.10	0.27	0.54	ug/L
37324-23-5	Aroclor-1262	0.43	U	0.15	0.43	0.54	ug/L
11100-14-4	Aroclor-1268	0.27	U	0.12	0.27	0.54	ug/L
11096-82-5	Aroclor-1260	0.27	U	0.087	0.27	0.54	ug/L
<b>SURROGATES</b>							
877-09-8	Tetrachloro-m-xylene	23.8		35 - 137		119%	SPK: 20
2051-24-3	Decachlorobiphenyl	17.5		40 - 135		88%	SPK: 20

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## LAB CHRONICLE

<b>OrderID:</b> Q2815	<b>OrderDate:</b> 8/11/2025 10:33:09 AM
<b>Client:</b> First Environment, Inc.	<b>Project:</b> USACE018-44 DOD
<b>Contact:</b> Al Smith	<b>Location:</b> D41,VOA Ref. #3 Water

LabID	ClientID	Matrix	Test	Method	Sample Date	Prep Date	Anal Date	Received
Q2815-01	TW-705R-S	WATER	PCB	8082A	08/06/25	08/12/25	08/13/25	08/08/25
Q2815-11	TW-22M-W	WATER	PCB	8082A	08/08/25	08/12/25	08/13/25	08/08/25
Q2815-21	TW-11M-E	WATER	PCB	8082A	08/08/25	08/12/25	08/13/25	08/08/25
Q2815-23	TW-11M-N	WATER	PCB	8082A	08/08/25	08/12/25	08/13/25	08/08/25
Q2815-26	FB	WATER	PCB	8082A	08/08/25	08/12/25	08/13/25	08/08/25